

Our Ref. : TLQS-280122

Date : 28.01.2022

| CADANGAN TAMBAHAN DAN PINDAAN KEPADA SEBUAH GEREJA DUA TINGKAT SEDIA ADA DAN SATU UNIT TEMPAT PEMBUANGAN SAMPAH<br>PERSIARAN ANGGERIK VANILLA, SEKSYEN 31, 40460 SHAH ALAM, SELANGOR DARUL EHSAN |                                             |                     |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------|---------------------|
| Progress Claim No.1                                                                                                                                                                              |                                             |                     |                     |
| Code                                                                                                                                                                                             | Description                                 | Contract Sum (RM)   | Total Workdone (RM) |
|                                                                                                                                                                                                  | <u>Volume I of II</u>                       |                     |                     |
|                                                                                                                                                                                                  | Bill No. 1 - Preliminaries                  | 125,522.50          | 24,147.50           |
|                                                                                                                                                                                                  | Bill No. 2 - Specification and Preambles    | -                   |                     |
|                                                                                                                                                                                                  | Bill No. 3 - Temporary Work                 | 33,660.00           | 33,660.00           |
|                                                                                                                                                                                                  | Bill No. 4 - Main Building Works            | 997,843.50          | 44,550.00           |
|                                                                                                                                                                                                  | Bill No. 5 - Temporary Toilet               | 36,081.50           | 27,031.50           |
|                                                                                                                                                                                                  | Bill No. 6 - External Works                 | 114,492.50          | -                   |
|                                                                                                                                                                                                  | Bill No. 7 - Provisional Sum                | 150,000.00          | -                   |
|                                                                                                                                                                                                  | Bill No. 8 - Daywork Bill                   | -                   | -                   |
|                                                                                                                                                                                                  | <u>Volume II of II</u>                      |                     |                     |
|                                                                                                                                                                                                  | Mechanical & Electrical Work                | 222,400.00          | -                   |
|                                                                                                                                                                                                  |                                             | <b>1,680,000.00</b> | <b>129,389.00</b>   |
|                                                                                                                                                                                                  | Less: Retention (5%)                        |                     | 6,469.45            |
|                                                                                                                                                                                                  | Less: Previous Progress Payment Certificate |                     | -                   |
|                                                                                                                                                                                                  | <b>This Claim Amount</b>                    |                     | <b>122,919.55</b>   |

Thank you.

Yours faithfully,  
**NSK CONSTRUCTION & ENGINEERING SDN BHD**

NG CHONG HOE





SHAH ALAM CHINESE METHODIST CHURCH-RENOVATION WORKS  
BILL NO. 3 - TEMPORARY WORK

| Item                                                                                                                                                                                                                                                                                                                                                                                                                          | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Qty | Rate (RM) | Contract Amount (RM) | Workdone(%) | Amount (RM)     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------|----------------------|-------------|-----------------|
| <b>ELEMENT NO. 1 - TEMPORARY WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| <b>(ALL PROVISIONAL)</b>                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| <b>Specification And General Labour Clauses:-</b>                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| <b>For Description And Materials, Workmanship and General Labour Clauses applicable to this bill, see "Bill No. 2 - Specification &amp; Preambles".</b>                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| <b>Note:-</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 1) The Contractor shall be deemed to have visited the site to determine the extent of works involved and shall take all necessary precaution while carrying out the works. No claim for extra payment in this respect will be entertained.                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 2) The Contractor is to refer Architect / Engineer's drawings for the extent of the works, design and material specifications                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 3) The Contractor shall allow for all costs including payment of all fees, charges for approval, permits and licenses from the relevant Authorities, if necessary                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 4) The temporary work shall be constructed to the satisfaction of the Architect and Engineer and in compliance with the Authorities' requirements. In this regard, the Contractor shall not have any claim for extension of time for completion due to stoppage of work caused by Local Authorities concerned or the Engineer for contravention of regulations and/or By-Laws by the Contractor                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 5) Unless otherwise stated, the measurement of the temporary works (i.e. project signboard, entrance gate, wash trough, interlocking entrance pavement, silt trap, sediment fence, earth drain, etc.) shall be as shown on the Architect / Engineer's drawings. Any additional required for his purpose of the works by the Contractor shall be carried out by the Contractor's own cost and not included in the measurement. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 6) The Contractor's pricing for this section of temporary works shall be for the construction only. All the maintenance, relocation, modification, making good throughout the construction period, demolishing and cert away from Site upon completion shall be priced separately under Bill No. 1 - Preliminaries.                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| <b>NEW TEMPORARY PROJECT SIGNBOARD</b>                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 3/2/A                                                                                                                                                                                                                                                                                                                                                                                                                         | Project signboard overall size 3260mm wide x 5400mm high constructed of 2 No. of 150mm x 150mm hardwood stud cast into and including concrete footing, 50mm x 75mm hardwood framing, 100mm x 50mm hardwood support, GI sheet all round on hardwood framing with project information, Majlis Perbandaran and Consultants details including white colour background, artwork and black colour letterings, cast into and including 450mm x 450mm x 750mm depth concrete footing, including all painting works, excavation, cart away debris off site, fixing accessories, etc.; complete system all as per Architect Drawing No. Hoarding-02 | NO.  | 1   | 5,000.00  | 5,000.00             | 100.00      | 5000.00         |
| <b>NEW HOARDING AND ENTRANCE GATE</b>                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 3/2/B                                                                                                                                                                                                                                                                                                                                                                                                                         | Supply and install 3600mm high temporary hoarding constructed of 0.38mm thick metal decking, 125mm x 125mm hardwood post at 2500mm spacing cast into and including concrete footing, 4 rows 100mm x 50mm thick hardwood nogging, 50mm x 50mm hardwood support at 2500mm spacing, including additional 125mm x 125mm thick hardwood support and 50mm x 50mm hardwood strut to both end of entrance gate and footing, painting works, excavation, cart away debris off site, fixing accessories, etc.; complete system all as per Architect Drawing No. Hoarding-02                                                                         | M    | 81  | 180.00    | 14,580.00            | 100.00      | 14580.00        |
| 3/2/C                                                                                                                                                                                                                                                                                                                                                                                                                         | Entrance gate overall size 6100mm x 3600mm high in 2 equal panel complete with 1.0mm thick metal deck supported on hardwood frame and printed on both sides, hardwood strut planted into concrete footing at 2400mm spacing, mild steel framing, 100mm x 50mm hardwood support and bracing, including all painting works, excavation, cart away debris off site, fixing accessories, etc.; complete system all as per Architect Drawing No. Hoarding-04                                                                                                                                                                                   | NO.  | 1   | 5,000.00  | 5,000.00             | 100.00      | 5000.00         |
| <b>PLYWOOD PARTITION</b>                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 3/2/D                                                                                                                                                                                                                                                                                                                                                                                                                         | Plywood approximately 4500mm high as partition between site working area and non-working area including all necessary support and fixing accessories, etc complete system (Community Hall 1) as indicated in Architect's Drawing No. Hoarding-01                                                                                                                                                                                                                                                                                                                                                                                          | M    | 9   | 120.00    | 1,080.00             | 100.00      | 1080.00         |
| <b>SITE CABIN</b>                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           |                      |             |                 |
| 3/3/A                                                                                                                                                                                                                                                                                                                                                                                                                         | Supply and install overall size 6000mm x 3050mm x 3275mm high temporary site cabin complete with concrete base, 50mm x 74mm hardwood timber at 400mm internal overlay with WBP heavy duty plywood finish with high grade linoleum, natural anodised aluminium frame adjustable glass louvers window, timber frame plywood flush door, etc complete system all as per Architect Drawing No. Hoarding-03                                                                                                                                                                                                                                    | NO.  | 1   | 8,000.00  | 8,000.00             | 100.00      | 8000.00         |
| <b>ELEMENT NO. 1 - TEMPORARY WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |     |           | <b>33,660.00</b>     |             | <b>33660.00</b> |



SHAH ALAM CHINESE METHODIST CHURCH-RENOVATION WORKS  
BILL NO. 4 - MAIN BUILDING WORKS



| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Description                                                                                                                                                                                                                                                                                                                     | Unit | Qty | Rate (RM) | Contract Amount (RM) | Workdone(%) | Amount (RM)      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------|----------------------|-------------|------------------|
| <b>ELEMENT NO. 1 - DEMOLITION WORKS</b><br><b>(ALL PROVISIONAL)</b><br><b>Specification And General Labour Clauses:-</b><br><i>For Description and Materials, Workmanship and General Labour Clauses applicable to this bill, see "Bill No. 2 - Specification &amp; Preambles"</i><br><b>Note:-</b><br>a) The rate / price for demolition and hacking works shall be inclusive of the following:-<br>i) Removal of debris to Contractor's own dump site<br>ii) All precaution and protection works<br>iii) All safety measures and temporary support<br>b) Contractor to provide clear marking on site of all items required for demolition as indicated in the drawings for confirmation by S.O. prior to commencement of demolition works<br>c) All dimensions provided in the drawings and bills of quantities are indicative only. Contractor is required to visit the Site to determine the exact extend of the work. In this respect, Contractor is not entitled to claim for extra cost or time whatsoever |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| <b>DEMOLITION WORK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| 4/1/1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing metal deck roofing system including metal deck roof, roof trusses, roof beam, rainwater discharge system, etc (gridline B1-E1/6-8, approximately 99m2) (Metal deck roofing system to be dismantled and stored to reuse for new temporary toilet)                                                  | Item |     |           | 9,000.00             | 90.00       | 8,100.00         |
| 4/1/1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To demolish existing ceiling including all light trough, light box, box up, support framing, suspension system, etc. (gridline B2-E1/5-7a, approximately 101m2)                                                                                                                                                                 | Item |     |           | 1,500.00             | 90.00       | 1,350.00         |
| 4/1/1C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack concrete and cut off steel links of existing column and expose reinforcement main bar of existing column all as per Engineer's Drawing No. TDC/H/7463/COL/02/REV 0 (5 No.)                                                                                                                                              | Item |     |           | 3,000.00             | 90.00       | 2,700.00         |
| 4/1/1D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing wall, coping, wall finishes, door, window, glass panel and railing (approximately 377m2) (2 no. of timber doors and 5 no. of PVC doors to be dismantled and stored to reuse for new temporary toilet)                                                                                             | Item |     |           | 12,000.00            | 90.00       | 10,800.00        |
| 4/1/1E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing floor slab including ground beam (approximately 98m2 as indicated in Engineer's Drawing No. TDC/H/7463/GF/REV 0)                                                                                                                                                                                  | Item |     |           | 9,000.00             | 90.00       | 8,100.00         |
| 4/1/2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing floor slab (first floor) including beam (approximately 22m2)                                                                                                                                                                                                                                      | Item |     |           | 3,000.00             | 90.00       | 2,700.00         |
| 4/1/2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing floor tiles including screeded bed (approximately 111m2)                                                                                                                                                                                                                                          | Item |     |           | 2,000.00             | 90.00       | 1,800.00         |
| 4/1/2C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To dismantle all existing sanitary wares and fittings including water closet, urinal bowl, hand bidet, toilet roll holder, basin tap, etc. (5 no. of water closet, 2 no. of urinal bowl, 5 no. of hand bidet, 5 no. of toilet roll holder and 3 no. of basin tap to be dismantled and stored to reuse for new temporary toilet) | Item |     |           | 1,000.00             | 90.00       | 900.00           |
| 4/1/2D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing vanity counter top including structure (approximately 23m)                                                                                                                                                                                                                                        | Item |     |           | 600.00               | 90.00       | 540.00           |
| 4/1/2E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To dismantle existing facade signage (gridline D-F1/5, 2 No.)                                                                                                                                                                                                                                                                   | Item |     |           | 400.00               | 90.00       | 360.00           |
| 4/1/2F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To hack and demolish existing Staircase 3 and existing pump room including landing slab, railing, wall, etc (gridline E1-G/5-7)                                                                                                                                                                                                 | Item |     |           | 8,000.00             | 90.00       | 7,200.00         |
| <b>MAKING GOOD EXISTING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| 4/1/2G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To reinstaate ground slab and ground beam to match back existing including laying damp proof membrane, additional reinforcement, casting back concrete, etc. all as per Engineer's details and Drawing No. TDC/H/7463/GF/REV 0 (approximately 98m2)                                                                             | Item |     |           | 23,000.00            |             |                  |
| 4/1/2H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Approved chemical treatment against termite infestation as described all as per Manufacturer's instruction and approved by Pesticides Board of Malaysia to ground slab of new extension church building                                                                                                                         | Item |     |           | 3,000.00             |             |                  |
| <b>Any Other Works</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| <b>Any other items of works not specifically mentioned above but is shown on drawings or specification, or are required to be carried out for completion of the Works to the approval of the Architect and the authorities (Please specify):-</b><br>.....<br>.....<br>.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| 4/1/2J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| 4/1/2K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| 4/1/2L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                 |      |     |           |                      |             |                  |
| <b>TOTAL ELEMENT NO. 1 - DEMOLITION WORKS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                 |      |     |           | <b>75,500.00</b>     |             | <b>44,550.00</b> |

## ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR LEVEL

## (ALL PROVISIONAL)

## EXCAVATION WORK

## Note:-

- 1) All excavation are measured from existing ground unless otherwise stated
- 2) The rate for excavation work shall be inclusive of -
  - a) protecting sides of excavation by temporary shoring such as planking and strutting or steel sheet piling and strutting as required for the type of soil encountered
  - b) Cart away surplus excavated materials to dump site within development area or load, transport and stock pile surplus excavated materials to area of fill whichever as per BQ item described
  - c) All other items as described in the preamble
- 3) The Contractor is required to observe and comply with the conditions regarding the manner in which excavation works should be carried out as well as other conditions prior to or during the execution of excavation works

**Excavate, get out, part return, fill in and ram, load, transport excavated materials to area of filling, spread level, compact and remove surplus excavated materials from site**

For pad footing maximum depth not exceeding 2.00m deep

For ground beam maximum depth not exceeding 1.00m deep

For non-suspended ground slab maximum depth not exceeding 1.00m deep

**HARDCORE****Crusher run blinding with sand as described; spread, levelled, well consolidated and watered**

230mm Bed beneath non-suspended ground slab

**CONCRETE WORK****CONCRETE****Quality control concrete Grade 10:-**

50mm Bed as blinding beneath footing; including all necessary formwork

50mm Bed as blinding beneath ground beam including all necessary formwork

50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork

**Quality control reinforced vibrated concrete Grade 30:-**

Pad footing

Column stump

Ground beam

305mm Non-suspended ground slab (Staircase 1)

230mm Non-suspended ground slab (Staircase 1)

Extra Over for forming thickening to underside of slab for an additional depth of 95mm and an average width of 278mm (Reinforcement measured separately)

Extra Over for forming thickening to underside of slab for an additional depth of 170mm and an average width of 313mm (Reinforcement measured separately)

Extra Over for forming thickening to underside of slab for an additional depth of 295mm and an average width of 378mm (Reinforcement measured separately)

Extra Over for forming thickening to underside of slab for an additional depth of 370mm and an average width of 415mm (Reinforcement measured separately)

**REINFORCEMENT****Mild steel rod reinforcement as described in:-**

Ground beam

6mm Diameter rod as links and stirrups

**High tensile steel rod reinforcement as described in:-**

Pad footing

16mm Diameter rod

12mm Diameter rod

**Column stump**

25mm Diameter rod

20mm Diameter rod

16mm Diameter rod

12mm Diameter rod

10mm Diameter rod



|         |    |     |        |          |
|---------|----|-----|--------|----------|
| 4/2/1/A | M3 | 22  | 80.00  | 1,760.00 |
| 4/2/1/B | M3 | 1   | 80.00  | 80.00    |
| 4/2/1/C | M3 | 11  | 80.00  | 880.00   |
| 4/2/1/D | M2 | 17  | 50.00  | 850.00   |
| 4/2/1/E | M2 | 32  | 30.00  | 960.00   |
| 4/2/2/A | M2 | 1   | 30.00  | 30.00    |
| 4/2/2/B | M2 | 17  | 30.00  | 510.00   |
| 4/2/2/C | M3 | 10  | 400.00 | 4,000.00 |
| 4/2/2/D | M3 | 1   | 400.00 | 400.00   |
| 4/2/2/E | M3 | 1   | 400.00 | 400.00   |
| 4/2/2/F | M2 | 5   | 122.00 | 610.00   |
| 4/2/2/G | M2 | 13  | 92.00  | 1,196.00 |
| 4/2/2/H | M3 | 1   | 400.00 | 400.00   |
| 4/2/2/J | M3 | 1   | 400.00 | 400.00   |
| 4/2/2/K | M3 | 1   | 400.00 | 400.00   |
| 4/2/2/L | M3 | 1   | 400.00 | 400.00   |
| 4/2/2/M | KG | 3   | 5.50   | 16.50    |
| 4/2/2/N | KG | 679 | 5.50   | 3,734.50 |
| 4/2/2/P | KG | 382 | 5.50   | 2,101.00 |
| 4/2/2/Q | KG | 48  | 5.50   | 264.00   |
| 4/2/2/R | KG | 56  | 5.50   | 308.00   |
| 4/2/3/A | KG | 100 | 5.50   | 550.00   |
| 4/2/3/B | KG | 35  | 5.50   | 192.50   |
| 4/2/3/C | KG | 72  | 5.50   | 396.00   |



|         |                                                                                                                                                                                                                                                                                                                |     |     |        |           |  |  |  |  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------|-----------|--|--|--|--|
| 4/2/3/D | Ground beam                                                                                                                                                                                                                                                                                                    |     |     |        |           |  |  |  |  |
| 4/2/3/E | 16mm Diameter rod                                                                                                                                                                                                                                                                                              | KG  | 10  | 5.50   | 55.00     |  |  |  |  |
|         | 12mm Diameter rod                                                                                                                                                                                                                                                                                              | KG  | 6   | 5.50   | 33.00     |  |  |  |  |
| 4/2/3/F | Non-suspended ground slab                                                                                                                                                                                                                                                                                      |     |     |        |           |  |  |  |  |
| 4/2/3/G | 16mm Diameter rod                                                                                                                                                                                                                                                                                              | KG  | 174 | 5.50   | 957.00    |  |  |  |  |
|         | 10mm Diameter rod                                                                                                                                                                                                                                                                                              | KG  | 129 | 5.50   | 709.50    |  |  |  |  |
|         | Mesh fabric reinforcement cut to size:-                                                                                                                                                                                                                                                                        |     |     |        |           |  |  |  |  |
|         | Non-suspended ground slab                                                                                                                                                                                                                                                                                      |     |     |        |           |  |  |  |  |
| 4/2/3/H | B.R.C. No. A10 (6.16Kg/m2) mesh fabric reinforcement laid in position with side and end laps (measured nett - no allowance made for laps)                                                                                                                                                                      | M2  | 36  | 50.00  | 1,800.00  |  |  |  |  |
|         | FORMWORK                                                                                                                                                                                                                                                                                                       |     |     |        |           |  |  |  |  |
|         | Use and waste of sawn formwork as described:-                                                                                                                                                                                                                                                                  |     |     |        |           |  |  |  |  |
| 4/2/3/J | To sides of pad footing                                                                                                                                                                                                                                                                                        | M2  | 22  | 63.00  | 1,386.00  |  |  |  |  |
| 4/2/3/K | To sides of column stump                                                                                                                                                                                                                                                                                       | M2  | 7   | 63.00  | 441.00    |  |  |  |  |
| 4/2/3/L | To sides of ground beam                                                                                                                                                                                                                                                                                        | M2  | 2   | 63.00  | 126.00    |  |  |  |  |
| 4/2/3/M | To edge of concrete exceeding 250mm high but not exceeding 500mm high                                                                                                                                                                                                                                          | M   | 10  | 27.00  | 270.00    |  |  |  |  |
| 4/2/3/N | To edge of concrete exceeding 500mm high but not exceeding 1000mm high                                                                                                                                                                                                                                         | M   | 6   | 50.00  | 300.00    |  |  |  |  |
|         | DAMP PROOF MEMBRANE                                                                                                                                                                                                                                                                                            |     |     |        |           |  |  |  |  |
|         | 0.25mm polythene membrane sheet laid on sand bedding beneath bed including working around thickening all as per Manufacturer's instruction and Engineer's approval (measured nett - no allowance made for laps)                                                                                                |     |     |        |           |  |  |  |  |
| 4/2/3/P | To soffit of non-suspended ground slab and thickening                                                                                                                                                                                                                                                          | M2  | 17  | 5.00   | 85.00     |  |  |  |  |
|         | TERMITE TREATMENT                                                                                                                                                                                                                                                                                              |     |     |        |           |  |  |  |  |
|         | Note:-                                                                                                                                                                                                                                                                                                         |     |     |        |           |  |  |  |  |
|         | 1) The Contractor and termite treatment applicator shall jointly provide a three (3) year warranty in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract                                                    |     |     |        |           |  |  |  |  |
| 4/2/4/A | Approved chemical treatment against termite infestation as described all as per Manufacturer's instruction and approved by Pesticides Board of Malaysia                                                                                                                                                        | M2  | 17  | 50.00  | 850.00    |  |  |  |  |
|         | To soffit of non-suspended ground slab and thickening                                                                                                                                                                                                                                                          |     |     |        |           |  |  |  |  |
|         | TESTING                                                                                                                                                                                                                                                                                                        |     |     |        |           |  |  |  |  |
|         | Provision of testing equipment, plant, apparatus, tools and ancillaries including mobilisation, demobilisation, moving within the site, etc. to carry out the following test including submission of report and reinstatement, etc.; all as per the Engineer's approval:- (Location to be decided by Engineer) |     |     |        |           |  |  |  |  |
| 4/2/4/B | Mackintosh probe test                                                                                                                                                                                                                                                                                          | NO. | 11  | 200.00 | 2,200.00  |  |  |  |  |
|         | TOTAL ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR LEVEL                                                                                                                                                                                                                                                            |     |     |        | 30,051.00 |  |  |  |  |

| ELEMENT NO. 3 - FRAME<br>(ALL PROVISIONAL)                                                                                        |                                                                                                                            |     |       |        |                   |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-------------------|--|--|--|--|
| CONCRETE WORK                                                                                                                     |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>Quality control reinforced vibrated concrete Grade 30:-</u>                                                                    |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/1/A                                                                                                                           | Column (new and re-casting existing)                                                                                       | M3  | 13    | 400.00 | 5,200.00          |  |  |  |  |
| 4/3/1/B                                                                                                                           | Beam and upstand beam                                                                                                      | M3  | 48    | 400.00 | 19,200.00         |  |  |  |  |
| <u>REINFORCEMENT</u>                                                                                                              |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>Mild steel rod reinforcement as described in:-</u>                                                                             |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>Column</u>                                                                                                                     |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/1/C                                                                                                                           | 6mm Diameter rod as links and stirrups                                                                                     | KG  | 4     | 5.50   | 22.00             |  |  |  |  |
| <u>Beam and upstand beam</u>                                                                                                      |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/1/D                                                                                                                           | 6mm Diameter rod as links and stirrups                                                                                     | KG  | 124   | 5.50   | 682.00            |  |  |  |  |
| <u>High tensile steel rod reinforcement as described in:-</u>                                                                     |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>Column</u>                                                                                                                     |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/1/E                                                                                                                           | 25mm Diameter rod                                                                                                          | KG  | 465   | 5.50   | 2,557.50          |  |  |  |  |
| 4/3/1/F                                                                                                                           | 20mm Diameter rod                                                                                                          | KG  | 389   | 5.50   | 2,139.50          |  |  |  |  |
| 4/3/1/G                                                                                                                           | 16mm Diameter rod                                                                                                          | KG  | 577   | 5.50   | 3,173.50          |  |  |  |  |
| 4/3/1/H                                                                                                                           | 12mm Diameter rod                                                                                                          | KG  | 695   | 5.50   | 3,822.50          |  |  |  |  |
| 4/3/1/J                                                                                                                           | 10mm Diameter rod                                                                                                          | KG  | 1,029 | 5.50   | 5,659.50          |  |  |  |  |
| <u>Beam and upstand beam</u>                                                                                                      |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/1/K                                                                                                                           | 32mm Diameter rod                                                                                                          | KG  | 90    | 5.50   | 495.00            |  |  |  |  |
| 4/3/1/L                                                                                                                           | 25mm Diameter rod                                                                                                          | KG  | 429   | 5.50   | 2,359.50          |  |  |  |  |
| 4/3/1/M                                                                                                                           | 20mm Diameter rod                                                                                                          | KG  | 378   | 5.50   | 2,079.00          |  |  |  |  |
| 4/3/1/N                                                                                                                           | 16mm Diameter rod                                                                                                          | KG  | 1,008 | 5.50   | 5,544.00          |  |  |  |  |
| 4/3/1/P                                                                                                                           | 12mm Diameter rod                                                                                                          | KG  | 1,908 | 5.50   | 10,494.00         |  |  |  |  |
| 4/3/1/Q                                                                                                                           | 10mm Diameter rod                                                                                                          | KG  | 1,872 | 5.50   | 10,296.00         |  |  |  |  |
| <u>FORMWORK</u>                                                                                                                   |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>Note:-</u>                                                                                                                     |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 1) The measurement for formwork to sides column shall be in square metres to irrespective of the height of column                 |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>Use and waste of sawn formwork as described:-</u>                                                                              |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/1/R                                                                                                                           | To sides of column                                                                                                         | M2  | 201   | 63.00  | 12,663.00         |  |  |  |  |
| 4/3/1/S                                                                                                                           | To sides and soffit of beam and upstand beam                                                                               | M2  | 562   | 63.00  | 35,406.00         |  |  |  |  |
| <u>PLANTING BAR</u>                                                                                                               |                                                                                                                            |     |       |        |                   |  |  |  |  |
| <u>To provide labour, tools and material to drilling holes and to install rebar with Hilti RE500 V3 epoxy for the following:-</u> |                                                                                                                            |     |       |        |                   |  |  |  |  |
| 4/3/2/A                                                                                                                           | 16mm Diameter reinforcement bar (measured separately) embedded approximately 150mm length into existing concrete structure | NO. | 4     | 50.00  | 200.00            |  |  |  |  |
| 4/3/2/B                                                                                                                           | 12mm Diameter reinforcement bar (measured separately) embedded approximately 150mm length into existing concrete structure | NO. | 20    | 50.00  | 1,000.00          |  |  |  |  |
| <b>TOTAL ELEMENT NO. 3 - FRAME</b>                                                                                                |                                                                                                                            |     |       |        | <b>122,993.00</b> |  |  |  |  |



# ELEMENT NO. 4 - EXTERNAL WALL

## (ALL PROVISIONAL)

## CONCRETE WORK

## PRECAST CONCRETE

### Reinforced vibrated precast concrete Grade 25 including all moulds, hoisting and settings in cement mortar (1:3)

Lintel overall size 125mm wide x 200mm deep reinforced with and including 4 nos. of 10mm diameter high tensile rod as top and bottoms bars and 6mm diameter mild steel rod as links and stirrups at 100mm centres as per Engineer's Drawing no. TDC/H/7463/GN/01/REV.0

## CONCRETE

### Quality control reinforced vibrated concrete Grade 30:-

4/4/1/A 200mm Fin wall

4/4/1/B Stiffener

4/4/1/C Coping and lintel

## REINFORCEMENT

### Mild steel rod reinforcement as described in:-

## Stiffener

4/4/1/E 6mm Diameter rod as links and stirrups

## Coping and lintel

4/4/1/F 6mm Diameter rod as links and stirrups

### High tensile steel rod reinforcement as described in:-

## Fin wall

4/4/1/G 12mm Diameter rod

4/4/1/H 10mm Diameter rod

## Stiffener

4/4/1/J 10mm Diameter rod

## Coping and lintel

4/4/1/K 16mm Diameter rod

4/4/1/L 12mm Diameter rod

4/4/1/M 10mm Diameter rod

### Mesh fabric reinforcement cut to size:-

## Fin Wall

4/4/1/N B.R.C. No. A9 (4.99Kg/m<sup>2</sup>) mesh fabric reinforcement laid in position with side and end laps (measured net - no allowance made for laps)

## FORMWORK

### Use and waste of sawn formwork as described:-

4/4/2/A To sides of fin wall

4/4/2/B To sides of fin wall; sloping over 15 degree from horizontal

4/4/2/C To sides of stiffener

4/4/2/D To sides of coping and lintel

## BRICKWORK

## Note:-

1) The rate for brickwall shall be deemed to inclusive of the following:-

a) Bonding tie and brick reinforcement



|    |     |        |          |
|----|-----|--------|----------|
| M  | 11  | 100.00 | 1,100.00 |
| M2 | 65  | 80.00  | 5,200.00 |
| M3 | 1   | 400.00 | 400.00   |
| M3 | 3   | 400.00 | 1,200.00 |
| KG | 24  | 5.50   | 132.00   |
| KG | 114 | 5.50   | 627.00   |
| KG | 212 | 5.50   | 1,166.00 |
| KG | 604 | 5.50   | 3,322.00 |
| KG | 77  | 5.50   | 423.50   |
| KG | 24  | 5.50   | 132.00   |
| KG | 79  | 5.50   | 434.50   |
| KG | 150 | 5.50   | 825.00   |
| M2 | 147 | 40.00  | 5,880.00 |
| M2 | 107 | 63.00  | 6,741.00 |
| M2 | 25  | 63.00  | 1,575.00 |
| M2 | 2   | 63.00  | 126.00   |
| M2 | 41  | 63.00  | 2,583.00 |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |     |           |                  |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----------|------------------|
| 4/4/2/E | <p>b) Damp-proof course and grout infill</p> <p>c) All other items as described in the preamble of brickwork</p> <p><b>Clay brick as described bedded in cement mortar (1:3) with plasticiser:-</b></p> <p>Half brickwall (115mm thick) reinforced with and including a layer of Exnet 65mm wide at every fourth course</p> <p><b>FACADE SIGNAGE</b></p> <p><b>Note:-</b></p> <p>1) The rate for signage shall be deemed to inclusive of the following:-</p> <p>a) All necessary fixing accessories</p> <p>b) All necessary protection</p> <p>c) Necessary scaffolding / sky lift required for the Work</p> <p>2) The Contractor is to submit the following items for the Architect's approval prior to the commencement of any of the Work:-</p> <p>a) Shop drawings</p> <p>b) Colour and material samples</p> <p>3) The Contractor is required to refer to the drawings to determine the exact extend of the work. In this respect, the Contractor is not entitled to claim for extra cost or time whatsoever.</p> <p><b>Supply, deliver and install cross signage constructed of powder coated mild steel metal plate, powder coated mild steel plate support, mild steel C-channel, LED strip light, LED strip lighting driver, etc all as per Architect's Drawing No. SD(DE)-01</b></p> <p>Facade cross signage overall size 2400mm wide x 4300mm high, fixed to brickwall</p> | M2  | 203 | 60.00     | 12,180.00        |
| 4/4/3/A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No. | 1   | 13,000.00 | 13,000.00        |
|         | <b>TOTAL ELEMENT NO. 4 - EXTERNAL WALL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |     |     |           | <b>57,047.00</b> |
| 4/5/1/A | <p><b>ELEMENT NO. 5 -INTERNAL WALL AND PARTITION</b></p> <p><b>(ALL PROVISIONAL)</b></p> <p><b>CONCRETE WORK</b></p> <p><b>PRECAST CONCRETE</b></p> <p><b>Reinforced vibrated precast concrete Grade 25 including all moulds, hoisting and settings in cement mortar (1:3)</b></p> <p>Lintel overall size 125mm wide x 200mm deep reinforced with and including 4 nos. of 10mm diameter high tensile rod as top and bottoms bars and 6mm diameter mild steel rod as links and stirrups at 100mm centres as per Engineer's Drawing no. TDC/H/7463/GN/01/REV.0</p> <p><b>CONCRETE</b></p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>Stiffener</p> <p>Capping beam</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Stiffener</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>Capping beam</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p> <p><b>Stiffener</b></p> <p>10mm Diameter rod</p>                                                                                                                                                                                                                                                                                                                    | M   | 32  | 100.00    | 3,200.00         |
| 4/5/1/B |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M3  | 1   | 400.00    | 400.00           |
| 4/5/1/C |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M3  | 1   | 400.00    | 400.00           |
| 4/5/1/D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | KG  | 21  | 5.50      | 115.50           |
| 4/5/1/E |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | KG  | 6   | 5.50      | 33.00            |
| 4/5/1/F |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | KG  | 66  | 5.50      | 363.00           |



|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |     |        |                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|--------|------------------|
| 4/5/1/G | <u>Capping beam</u><br>10mm Diameter rod                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | KG | 24  | 5.50   | 132.00           |
| 4/5/1/H | <u>FORMWORK</u><br><u>Use and waste of sawn formwork as described:-</u><br>To sides of stiffener                                                                                                                                                                                                                                                                                                                                                                                                                                             | M2 | 4   | 63.00  | 252.00           |
| 4/5/1/J | To sides of capping beam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2 | 4   | 63.00  | 252.00           |
|         | <u>BRICKWORK</u><br><u>Note:-</u><br>1) The rate for brickwall shall be deemed to inclusive of the following:-<br>a) Bonding tie and brick reinforcement<br>b) Damp-proof course and grout infill<br>c) All other items as described in the preamble of brickwork                                                                                                                                                                                                                                                                            |    |     |        |                  |
|         | <u>Clay brick as described bedded in cement mortar (1:3) with plasticiser:-</u><br>Half brickwall (115mm thick) reinforced with and including a layer of Exmet 65mm wide at every forth course                                                                                                                                                                                                                                                                                                                                               | M2 | 308 | 60.00  | 18,480.00        |
| 4/5/2/A | Half brickwall (115mm thick) as low wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2 | 8   | 60.00  | 480.00           |
| 4/5/2/B | <u>DRY WALL PARTITION</u><br><u>Note:-</u><br>1) Unless otherwise measured separately, the rates for dry wall partition shall held to include:-<br>a) Framing, jointing, additional treatment to edges and ends, all fixing accessories, etc. complete system all to manufacturer's instruction<br>b) Working around and forming opening for mechanical and electrical services or any other opening, etc.<br>c) Provision of temporary scaffolding required for the works<br>d) Wall preparatory works prior to wall panelling installation |    |     |        |                  |
|         | <u>Dry wall partition fixed with and including steel stud framing, countersunk/self-drilling screws, noggings, furring channel, touch up joint, additional framing and boarding for forming opening for door/window, surface preparation to receive painting (measured separately) strictly in accordance with manufacturer's instruction:-</u><br>101mm Dry wall partition (approximately) clad both sides with 12.5mm thick "USG Boral Standard Core" or other approved equivalent plasterboard; internally                                | M2 | 63  | 100.00 | 6,300.00         |
| 4/5/2/C | 76.5mm Dry wall partition (approximately) clad one side with 12.5mm thick "USG Boral Standard Core" or other approved equivalent plasterboard; internally as box-up (Dry Area)                                                                                                                                                                                                                                                                                                                                                               | M2 | 6   | 90.00  | 540.00           |
| 4/5/2/D | 77.2mm Dry wall partition (approximately) clad one side with 12.7mm thick "USG Boral Securerock Glass-Mat Sheathing" or other approved equivalent plasterboard; internally as box-up (Wet Area)                                                                                                                                                                                                                                                                                                                                              | M2 | 3   | 90.00  | 270.00           |
| 4/5/2/E |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |     |        |                  |
|         | <b>TOTAL ELEMENT NO. 5 -INTERNAL WALL AND PARTITION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |    |     |        | <b>31,217.50</b> |





|                                                                                                                                                                          |                                                                                                                                                                |     |       |        |           |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-----------|--|--|--|--|
| <b>ELEMENT NO. 6 - STAIRCASE, STEPS AND FINISHES</b><br><b>(ALL PROVISIONAL)</b>                                                                                         |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <b>CONCRETE</b>                                                                                                                                                          |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Quality control reinforced vibrated concrete Grade 30:-</u>                                                                                                           |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/1/A                                                                                                                                                                  | Landing beam                                                                                                                                                   | M3  | 1     | 400.00 | 400.00    |  |  |  |  |
| 4/6/1/B                                                                                                                                                                  | Suspended staircase                                                                                                                                            | M3  | 10    | 400.00 | 4,000.00  |  |  |  |  |
| 4/6/1/C                                                                                                                                                                  | 175mm Landing slab                                                                                                                                             | M2  | 19    | 70.00  | 1,330.00  |  |  |  |  |
| <b>REINFORCEMENT</b>                                                                                                                                                     |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Mild steel rod reinforcement as described in:-</u>                                                                                                                    |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Landing beam</u>                                                                                                                                                      |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/1/D                                                                                                                                                                  | 6mm Diameter rod as links and stirrups                                                                                                                         | KG  | 9     | 5.50   | 49.50     |  |  |  |  |
| <u>High tensile steel rod reinforcement as described in:-</u>                                                                                                            |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Landing beam</u>                                                                                                                                                      |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/1/E                                                                                                                                                                  | 20mm Diameter rod                                                                                                                                              | KG  | 30    | 5.50   | 165.00    |  |  |  |  |
| 4/6/1/F                                                                                                                                                                  | 16mm Diameter rod                                                                                                                                              | KG  | 21    | 5.50   | 115.50    |  |  |  |  |
| 4/6/1/G                                                                                                                                                                  | 12mm Diameter rod                                                                                                                                              | KG  | 24    | 5.50   | 132.00    |  |  |  |  |
| 4/6/1/H                                                                                                                                                                  | 10mm Diameter rod                                                                                                                                              | KG  | 15    | 5.50   | 82.50     |  |  |  |  |
| <u>Steps, suspended staircase and landing slab</u>                                                                                                                       |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/1/J                                                                                                                                                                  | 16mm Diameter rod                                                                                                                                              | KG  | 2,463 | 5.50   | 13,546.50 |  |  |  |  |
| 4/6/1/K                                                                                                                                                                  | 10mm Diameter rod                                                                                                                                              | KG  | 428   | 5.50   | 2,354.00  |  |  |  |  |
| <b>FORMWORK</b>                                                                                                                                                          |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Use and waste of sawn formwork as described:-</u>                                                                                                                     |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/1/L                                                                                                                                                                  | To sides and soffit of landing beam                                                                                                                            | M2  | 10    | 63.00  | 630.00    |  |  |  |  |
| 4/6/1/M                                                                                                                                                                  | To soffit of sloping suspended staircase; irrespective of strutting height                                                                                     | M2  | 44    | 63.00  | 2,772.00  |  |  |  |  |
| 4/6/1/N                                                                                                                                                                  | To soffit of landing slab                                                                                                                                      | M2  | 17    | 63.00  | 1,071.00  |  |  |  |  |
| 4/6/1/P                                                                                                                                                                  | To edge of suspended staircase with 300mm tread, exceeding 100mm but not exceeding 200mm riser and 150mm waist including cutting to profile of tread and riser | M   | 53    | 20.00  | 1,060.00  |  |  |  |  |
| 4/6/1/Q                                                                                                                                                                  | To undercut riser exceeding 100mm but not exceeding 200mm high                                                                                                 | M   | 128   | 20.00  | 2,560.00  |  |  |  |  |
| 4/6/1/R                                                                                                                                                                  | To edge of concrete not exceeding 250mm high                                                                                                                   | M   | 17    | 20.00  | 340.00    |  |  |  |  |
| <b>PLANTING BAR</b>                                                                                                                                                      |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>To provide labour, tools and material to drilling holes and to install rebar with Hilti RE500</u>                                                                     |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>V3 epoxy for the following:-</u>                                                                                                                                      |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/2/A                                                                                                                                                                  | 10mm Diameter reinforcement bar (measured separately) embedded approximately 150mm length into existing concrete structure                                     | NO. | 24    | 50.00  | 1,200.00  |  |  |  |  |
| <b>STAIRCASE FINISHES</b>                                                                                                                                                |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <b>PAVING</b>                                                                                                                                                            |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Cement and sand (1:3) finished with a steel/ wood trowel to smooth/ semi-smooth/ wet polished finish; including falls and crossfalls:-</u>                            |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/2/B                                                                                                                                                                  | 25mm (min) Paving; including to fall and crossfall (Staircase 1)                                                                                               | M2  | 9     | 40.00  | 360.00    |  |  |  |  |
| 4/6/2/C                                                                                                                                                                  | 25mm (min) Finish to 300mm wide tread                                                                                                                          | M   | 53    | 40.00  | 2,120.00  |  |  |  |  |
| 4/6/2/D                                                                                                                                                                  | Extra over to form nosing groove all as per Architect's Drawing No. ST1(DE)-04                                                                                 | M   | 58    | 40.00  | 2,320.00  |  |  |  |  |
| 4/6/2/E                                                                                                                                                                  | 13mm (min) Finish to undercut riser exceeding 100mm and not exceeding 200mm high                                                                               | M   | 58    | 40.00  | 2,320.00  |  |  |  |  |
| <b>PLASTERWORK</b>                                                                                                                                                       |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Note:-</u>                                                                                                                                                            |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 1) The rate for plasterworks shall be inclusive of PVC angle beads for all corners                                                                                       |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| <u>Approved ready-mixed cement based plaster skim coat applied internally including all surface preparation work all in accordance with manufacturer's instruction:-</u> |                                                                                                                                                                |     |       |        |           |  |  |  |  |
| 4/6/2/F                                                                                                                                                                  | 10mm (min) Plaster to concrete sides and soffit, externally                                                                                                    | M2  | 5     | 40.00  | 200.00    |  |  |  |  |
| 4/6/2/G                                                                                                                                                                  | 10mm (min) Plaster to sloping concrete soffit, externally                                                                                                      | M2  | 19    | 40.00  | 760.00    |  |  |  |  |



|                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                   |    |    |        |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--------|------------------|
| 4/6/2/H                                                                                                                                                                                                                                                                                                                                     | 10mm (min) Plaster to edge of concrete including working to profile of tread and riser overall width exceeding 300mm and not exceeding 400mm high | M  | 21 | 20.00  | 420.00           |
| 4/6/2/J                                                                                                                                                                                                                                                                                                                                     | 3mm (min) Plaster to concrete sides and soffit                                                                                                    | M2 | 9  | 15.00  | 135.00           |
| 4/6/2/K                                                                                                                                                                                                                                                                                                                                     | 3mm (min) Plaster to sloping concrete soffit                                                                                                      | M2 | 17 | 15.00  | 255.00           |
| 4/6/2/L                                                                                                                                                                                                                                                                                                                                     | 3mm (min) Plaster to edge of concrete including working to profile of tread and riser overall width exceeding 300mm and not exceeding 400mm high  | M  | 14 | 10.00  | 140.00           |
| <b>STAIRCASE TILES</b>                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                   |    |    |        |                  |
| <b>Note:-</b>                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                   |    |    |        |                  |
| 1) The Contractor shall breakdown his prices in the boxes provided                                                                                                                                                                                                                                                                          |                                                                                                                                                   |    |    |        |                  |
| 2) Adjustment will be made to the rate accordingly based on the actual cost except the Adhesive and grout (Item c), Scream (Item d) and Labour & Other Cost All Inclusive (Item e) should other tile be used                                                                                                                                |                                                                                                                                                   |    |    |        |                  |
| 3) The Contractor is required to submit tiles setting out shop drawing for approval prior commencement of works                                                                                                                                                                                                                             |                                                                                                                                                   |    |    |        |                  |
| 4) The rate for floor tile shall inclusive of:-                                                                                                                                                                                                                                                                                             |                                                                                                                                                   |    |    |        |                  |
| a) Screeded bed to concrete floor and steps                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |    |    |        |                  |
| b) Laying tile to fall and crossfall                                                                                                                                                                                                                                                                                                        |                                                                                                                                                   |    |    |        |                  |
| c) Tile spacer for forming gap between tile                                                                                                                                                                                                                                                                                                 |                                                                                                                                                   |    |    |        |                  |
| d) Tile edge to be chamfered                                                                                                                                                                                                                                                                                                                |                                                                                                                                                   |    |    |        |                  |
| e) Working around electrical & telephone junction box, floor trap & pipe inlet / outlet including cutting, fitting in and lay matching tiles                                                                                                                                                                                                |                                                                                                                                                   |    |    |        |                  |
| Supply and lay various floor tile finishes; in types, quality, colours, patterns; selection by the Architect                                                                                                                                                                                                                                |                                                                                                                                                   |    |    |        |                  |
| 600mm x 600mm "MML Bellucci SM8K4D" or other approved equivalent porcelain homogeneous tiles, bedded in tile adhesive, jointed and pointed in matching colour tile grout including cement and sand (1:3) screeded bed all in accordance to the Manufacturer's instruction and Architect's drawings and approval                             |                                                                                                                                                   |    |    |        |                  |
| 4/6/4/A                                                                                                                                                                                                                                                                                                                                     | Paving to landing slab (Staircase 2 and Staircase 3)                                                                                              | M2 | 9  | 170.00 | 1,530.00         |
| 4/6/4/B                                                                                                                                                                                                                                                                                                                                     | Finish to 300mm wide tread                                                                                                                        | M  | 64 | 60.00  | 3,840.00         |
| 4/6/4/C                                                                                                                                                                                                                                                                                                                                     | Extra over for 75mm wide non-slip nosing tiles with ribbed surface and rounded front edge all to the Architect's approval                         | M  | 70 | 30.00  | 2,100.00         |
| 4/6/4/D                                                                                                                                                                                                                                                                                                                                     | Finish to undercut riser exceeding 100mm but not exceeding 200mm high                                                                             | M  | 70 | 45.00  | 3,150.00         |
| 4/6/4/E                                                                                                                                                                                                                                                                                                                                     | Finish to skirting 100mm high                                                                                                                     | M  | 34 | 30.00  | 1,020.00         |
| <b>METALWORK</b>                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                   |    |    |        |                  |
| <b>Note:-</b>                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                   |    |    |        |                  |
| 1) The Contractor is to submit shop drawing on mild steel works for approval prior commencement of works                                                                                                                                                                                                                                    |                                                                                                                                                   |    |    |        |                  |
| 2) Unless otherwise measured separately, the rates of metal works shall include the cost for all necessary stiffener and connection plates, bolt and nuts, welded joints etc.                                                                                                                                                               |                                                                                                                                                   |    |    |        |                  |
| Mild steel works including all framing, bracket, support, fixing accessories, all cut, welded and framed together and fixing in position including all shop and site connection and filling smooth welded junction and painted metal surfaces with one coat of approved primer, etc.; complete system all as per Manufacturer's instruction |                                                                                                                                                   |    |    |        |                  |
| Mild steel perforated railing constructed of 50mm x 25mm rectangular hollow section as handrail and bottom rail, 50mm x 25mm rectangular hollow section as balustrade complete with mild steel perforated sheet, 120mm x 120mm x 5mm thick base plate, etc. including all fixing accessories as per Architect's Drawing No. ST1(DE)-03-04   |                                                                                                                                                   |    |    |        |                  |
| 4/6/5/A                                                                                                                                                                                                                                                                                                                                     | To Staircase 1; overall 1050mm high                                                                                                               | M  | 35 | 250.00 | 8,750.00         |
| Mild steel railing constructed of 50mm x 25mm rectangular hollow section as handrail and bottom rail, 50mm x 25mm rectangular hollow section as baluster and balustrade, 120mm x 120mm x 5mm thick base plate, etc. including all fixing accessories as per Architect's Drawing No. ST2(DE)-03                                              |                                                                                                                                                   |    |    |        |                  |
| 4/6/5/B                                                                                                                                                                                                                                                                                                                                     | To Staircase 2 and Staircase 3; overall 1050mm high                                                                                               | M  | 24 | 250.00 | 6,000.00         |
| <b>TOTAL ELEMENT NO. 6 - STAIRCASE, STEPS AND FINISHES</b>                                                                                                                                                                                                                                                                                  |                                                                                                                                                   |    |    |        | <b>67,228.00</b> |

| ELEMENT NO. 7 - UPPER FLOOR CONSTRUCTION<br>(ALL PROVISIONAL)  |                                                                                                                                                                                            |    |       |       |           |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|-------|-----------|
| CONCRETE WORK                                                  |                                                                                                                                                                                            |    |       |       |           |
| CONCRETE                                                       |                                                                                                                                                                                            |    |       |       |           |
| <u>Quality control reinforced vibrated concrete Grade 30:-</u> |                                                                                                                                                                                            |    |       |       |           |
| 4/7/1/A                                                        | 230mm Suspended slab                                                                                                                                                                       | M2 | 45    | 92.00 | 4,140.00  |
| 4/7/1/B                                                        | 175mm Suspended slab                                                                                                                                                                       | M2 | 46    | 70.00 | 3,220.00  |
| 4/7/1/C                                                        | 125mm Suspended slab                                                                                                                                                                       | M2 | 215   | 50.00 | 10,750.00 |
| 4/7/1/D                                                        | 50mm Ramp slab                                                                                                                                                                             | M2 | 1     | 20.00 | 20.00     |
| 4/7/1/E                                                        | 125mm wide x 150mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/2B/02/REV.0 and TDC/H/7463/RB/02/REV.0 (Reinforcement measured separately) | M  | 63    | 50.00 | 3,150.00  |
| REINFORCEMENT                                                  |                                                                                                                                                                                            |    |       |       |           |
| <u>Mild steel rod reinforcement as described in:-</u>          |                                                                                                                                                                                            |    |       |       |           |
| <u>Suspended slab</u>                                          |                                                                                                                                                                                            |    |       |       |           |
| 4/7/1/F                                                        | 6mm Diameter rod as links and stirrups                                                                                                                                                     | KG | 29    | 5.50  | 159.50    |
| 4/7/1/G                                                        | 6mm Diameter rod as links and stirrups                                                                                                                                                     | KG | 54    | 5.50  | 297.00    |
| <u>High tensile steel rod reinforcement as described in:-</u>  |                                                                                                                                                                                            |    |       |       |           |
| <u>Suspended slab</u>                                          |                                                                                                                                                                                            |    |       |       |           |
| 4/7/1/H                                                        | 12mm Diameter rod                                                                                                                                                                          | KG | 89    | 5.50  | 489.50    |
| 4/7/1/J                                                        | 10mm Diameter rod                                                                                                                                                                          | KG | 1,114 | 5.50  | 6,127.00  |
| 4/7/1/K                                                        | 10mm Diameter rod                                                                                                                                                                          | KG | 102   | 5.50  | 561.00    |
| <u>Mesh fabric reinforcement cut to size:-</u>                 |                                                                                                                                                                                            |    |       |       |           |
| <u>Suspended slab</u>                                          |                                                                                                                                                                                            |    |       |       |           |
| 4/7/1/L                                                        | B.R.C. No. A9 (4.99Kg/m <sup>2</sup> ) mesh fabric reinforcement laid in position with side and end laps (measured nett - no allowance made for laps)                                      | M2 | 59    | 40.00 | 2,360.00  |
| 4/7/1/M                                                        | B.R.C. No. A8 (3.95Kg/m <sup>2</sup> ); ditto                                                                                                                                              | M2 | 315   | 30.00 | 9,450.00  |
| 4/7/1/N                                                        | B.R.C. No. A7 (3.02Kg/m <sup>2</sup> ); do.                                                                                                                                                | M2 | 75    | 20.00 | 1,500.00  |
| FORMWORK                                                       |                                                                                                                                                                                            |    |       |       |           |
| <u>Use and waste of sawn formwork as described:-</u>           |                                                                                                                                                                                            |    |       |       |           |
| 4/7/1/P                                                        | To soffit of suspended slab                                                                                                                                                                | M2 | 205   | 63.00 | 12,915.00 |
| 4/7/1/Q                                                        | To soffit of suspended slab; exceeding 3.50m high but not exceeding 5.00m high                                                                                                             | M2 | 55    | 70.00 | 3,850.00  |
| 4/7/2/A                                                        | To edge of concrete not exceeding 250mm high                                                                                                                                               | M  | 63    | 20.00 | 1,260.00  |
| TOTAL ELEMENT NO. 7 - UPPER FLOOR CONSTRUCTION                 |                                                                                                                                                                                            |    |       |       | 60,249.00 |



**ELEMENT NO. 8 - ROOF**  
**(ALL PROVISIONAL)**  
**STRUCTURAL WORKS**

**Note:-**

- 1) Unless otherwise measured separately, the rates of structural steel items shall include the cost for all necessary stiffener and connection plates, bolt and nuts, welded joints etc.
- 2) Shop drawing is required to be submitted for approval prior commencement of works including PE endorsement as specified

The following structural steel works all fabricated, cutting, framed together, welding, bolting, drilling, hoisting, shop and site connection, filling smooth welding junction, including shop primed with an approved primer, all fixing accessories and etc.; complete system fixed to concrete beam all as per Manufacturer's instruction and Engineer's drawings and approval:-

**The following in Purlin**

127mm x 51mm x 1.6mm Thick x 3.2kg/m C-section (RHS) as purlin (In No. 12)

4/8/1/A

**ROOFING**

**Note:-**

- 1) All the roof works shall carried a ten (10) years Contractor and roof fabricator joint warranty throughout the warranty period
- 2) The warranty shall also cover the following:-
  - a) 25 years against perforation by corrosion
  - b) 15 years against flake and peel
  - c) 10 years against excessive colour fading
  - d) 5 years against discoloration by dirt staining
- 3) Shop drawing is required to be submitted for approval prior commencement of works including PE endorsement as specified

**"SANKO GRIP DECK 3 PAN" 0.42mm BST (0.47mm TCT) in clean colorbond XRW steel (AZ150) metal roof covering or other approved equivalent including AS 3566 Class 3 fastener, all fixing accessories, etc.; complete system (measured separately) and laid strictly as per Manufacturer's instruction and Architect's approval and drawings**

Laid to fall to 2 degree pitch fixed to purlin (measured nett - no allowance made for laps)

Laid to fall to 8 degree pitch fixed to purlin (measured nett - no allowance made for laps)

Gutter flashing approximately overall 780mm girth

Flashing approximately overall 450mm girth

Metal fascia approximately overall 820mm girth

**INSULATION**

Approved single sided woven foil (measured nett - no allowance made for laps)

Approved 50mm thick poly fiberglass wool as described of weight 16kg/m<sup>3</sup> laid on and including one layer of galvanised chicken wire mesh (measured nett - no allowance made for laps)

**GUTTER**

**Approved galvanised iron gutter complete with bracket, joint, end stopper, outlet piece, all fixing accessories and etc.; complete system fixed to concrete beam (measured separately) all as per Manufacturer's instruction and Architect's approval**

Gutter overall size 300mm x 120mm deep

**PLUMBING**

**Approved Unplasticized Polyvinyl Chloride (uPVC) rainwater downpipes, fittings and accessories including all sleeves, bends, junction, joints, holder bats, brackets, jointing to outlets and etc.; complete system fixed strictly in accordance with Manufacturer's instruction and Architect's approval**

100mm Diameter pipe; fixed to wall and column

100mm Diameter pipe; laid in trench including excavation and necessary bedding, connecting to nearest drain, etc. complete system

**SUNDRIES**

Approved uPVC dome outlet to suit 100mm diameter rainwater downpipes (measured separately)

4/8/3/A

M

168

65.00

10,920.00

M2

131

80.00

10,480.00

M2

14

80.00

1,120.00

M

22

80.00

1,760.00

M

42

40.00

1,680.00

M

7

70.00

490.00

M2

145

10.00

1,450.00

M2

145

20.00

2,900.00

M

22

200.00

4,400.00

M

37

60.00

2,220.00

M

5

100.00

500.00

NO.

3

30.00

90.00

**TOTAL ELEMENT NO. 8 - ROOF**

**38,010.00**



## ELEMENT NO. 9 - ALUMINIUM AND GLAZING WORKS

## (ALL PROVISIONAL)

## Note:-

- 1) The Contractor shall price and submit breakdown prices for each item as described in the Bills of Quantities
- 2) The prices for the aluminium and glazing works shall include the establishment charges and overheads, import duty and taxes, profit and any other expenses and everything else necessary for the proper completion of the works and conforming to the foregoing preliminaries and performance specification
- 3) The Contractor is to submit shop drawing, engineering data and structural calculation endorsed by Professional Engineer on aluminium and glazing works for approval prior commencement of works
- 4) The Contractor and Aluminium and glazing work sub-contractor shall jointly provide the following warranty in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract
  - a) Against colour fading in aluminium for ten (10) years
  - b) Structural design for ten (10) years
  - c) Workmanship for ten (10) years
  - d) Gasket / Weather strip for ten (10) years
  - e) Silicone for ten (10) years
  - f) Friction stay for five (5) years
  - g) Accessories as per Defect Liability Period

**ALUMINIUM FRAMED CASEMENT WINDOW AND FIXED PANEL**

Design, supply and install the following powder coated aluminium framed casement window and fixed glass panel complete with sub-frame, outer frame, transoms, mullions, inner frames, glass, ironmongeries system, glazing bead, gasket, weather strip, sealant, silicone including all fixing accessories, etc.: complete system, pointing with mastic and fixed complete in position all as per Architect's approval and Manufacturer's instruction

The following in fixed glass panel

|         |                                                                                                         |     |   |          |          |
|---------|---------------------------------------------------------------------------------------------------------|-----|---|----------|----------|
| 4/9/2/A | W3 - Fixed glass panel overall size 1500mm wide x 2400mm high as per Architect's Drawing No. WS(SCH)-01 | NO. | 2 | 1,540.00 | 3,080.00 |
| 4/9/2/B | W4a - Fixed glass panel overall size 1200mm wide x 900mm high as per Architect's Drawing No. WS(SCH)-01 | NO. | 1 | 410.00   | 410.00   |
| 4/9/3/A | W6 - Fixed glass panel overall size 850mm wide x 3300mm high as per Architect's Drawing No. WS(SCH)-02  | NO. | 1 | 1,200.00 | 1,200.00 |

(End of the following in fixed glass panel)The following in top hung window

|          |                                                                                                       |     |   |          |          |
|----------|-------------------------------------------------------------------------------------------------------|-----|---|----------|----------|
| 4/9/4/A  | W4 - Top hung window overall size 1200mm wide x 900mm high as per Architect's Drawing No. WS(SCH)-01  | NO. | 2 | 480.00   | 960.00   |
| 4/9/5/A  | W5 - Top hung window overall size 850mm wide x 600mm high as per Architect's Drawing No. WS(SCH)-02   | NO. | 1 | 240.00   | 240.00   |
| 4/9/6/A  | W7 - Top hung window overall size 5475mm wide x 600mm high as per Architect's Drawing No. WS(SCH)-02  | NO. | 1 | 1,450.00 | 1,450.00 |
| 4/9/7/A  | W8 - Top hung window overall size 3550mm wide x 600mm high as per Architect's Drawing No. WS(SCH)-03  | NO. | 1 | 960.00   | 960.00   |
| 4/9/8/A  | W9 - Top hung window overall size 2250mm wide x 600mm high as per Architect's Drawing No. WS(SCH)-03  | NO. | 1 | 600.00   | 600.00   |
| 4/9/9/A  | W10 - Top hung window overall size 5250mm wide x 600mm high as per Architect's Drawing No. WS(SCH)-03 | NO. | 1 | 1,450.00 | 1,450.00 |
| 4/9/10/A | W11 - Top hung window overall size 3175mm wide x 600mm high as per Architect's Drawing No. WS(SCH)-04 | NO. | 1 | 840.00   | 840.00   |

(End of the following in top hung window)The following in casement window and fixed glass panel

|          |                                                                                                                             |     |   |          |          |
|----------|-----------------------------------------------------------------------------------------------------------------------------|-----|---|----------|----------|
| 4/9/11/A | W1 - Casement window and fixed glass panel overall size 1200mm wide x 2200mm high as per Architect's Drawing No. WS(SCH)-01 | NO. | 7 | 1,000.00 | 7,000.00 |
| 4/9/12/A | W2 - Casement window and fixed glass panel overall size 1200mm wide x 2200mm high as per Architect's Drawing No. WS(SCH)-01 | NO. | 7 | 1,120.00 | 7,840.00 |

(End of the following in casement window and fixed glass panel)

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |   |          |           |  |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|----------|-----------|--|
| 4/9/13/A                                          | <p><b>ALUMINIUM FRAMED SWING DOOR</b></p> <p>Design, supply and install the following powder coated aluminium framed swing glass door complete with sub-frame, outer frame, transoms, mullions, inner frames, glass, ironmongeries system, glazing bead, gasket, weather strip, sealant, silicone including all fixing accessories, etc.; complete system, pointing with mastic and fixed complete in position all as per Architect's approval and Manufacturer's instruction</p> <p>D4 - Single leaf aluminium framed swing glass door overall size 1000mm wide x 2400mm high as per Architect's Drawing No. DR(SCHE)-01</p> <p><b>ALUMINIUM FRAME GLASS LOUVERS</b></p> <p>Design, supply and install the following powder coated aluminium framed glass louvers window complete with sub-frame, outer frame, transoms, mullions, inner frames, glass, ironmongeries system, glazing bead, gasket, weather strip, sealant, silicone including all fixing accessories, etc.; complete system complete with anti-vermin netting, pointing with mastic and fixed complete in position all as per Architect's approval and Manufacturer's instruction</p> <p>W12 - Aluminium glass louvers window overall size 3000mm wide x 500mm high as per Architect's Drawing No. WS(SCH)-04 (Community Hall 1)</p> <p><b>ALUMINIUM LOUVERS SWING DOOR</b></p> <p>Design, supply and install the following powder coated aluminium louvre complete with support framing, sub-framing, bracket, aluminium capping, ironmongeries system including all fixing accessories, etc.; complete system, fixed complete in position all as per Architect's approval and Manufacturer's instruction</p> <p>D7 - Double leaf aluminium louvers swing door overall size 1500mm wide x 1425mm high as per Architect's Drawing No. DR(SCHE)-02 (Pump Room)</p> | NO. | 1 | 2,100.00 | 2,100.00  |  |
| 4/9/14/A                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NO. | 2 | 720.00   | 1,440.00  |  |
| 4/9/14/B                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NO. | 1 | 1,050.00 | 1,050.00  |  |
| TOTAL ELEMENT NO. 9 - ALUMINIUM AND GLAZING WORKS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |   |          | 30,620.00 |  |



**ELEMENT NO. 10 - DOORS**  
**(ALL PROVISIONAL)**  
**CARPENTRY AND JOINERY**

**Note:**

1) The Contractor is to submit shop drawing on joinery works for approval prior commencement of works

**Approved 40mm thick hollow core timber flush door complete with 4.6mm thick plywood on both sides complete with edging with timber lipping all around all as per Manufacturer's instruction and Architect's Drawing No. TYP(DE)-01. :- (Butt hinges measured separately):-**

|          |                                                                                                                                                                                   |    |        |          |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|--------|----------|
| 4/10/1/A | D1 - Double leaves door overall size 1800mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-01 (Meeting Space)                                                          | 2  | 450.00 | 900.00   |
| 4/10/1/B | D2 - Single leaf door overall size 1000mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-01 (Pantry, Care Taker, Event Room, Library, Prayer Room and Counseling Room) | 10 | 235.00 | 2,350.00 |
| 4/10/1/C | D6 - Single leaf door overall size 1200mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-02 (Corridor)                                                                 | 1  | 250.00 | 250.00   |

**Approved 40mm thick hollow core timber flush door complete with 4.6mm thick plywood on one side and 4.6mm thick WBP plywood on another side complete with edging with timber lipping all around all as per Manufacturer's instruction and Architect's Drawing No. TYP(DE)-01. :- (Butt hinges measured separately):-**

|          |                                                                                                                                                         |   |        |        |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|--------|
| 4/10/1/D | D3 - Single leaf door overall size 800mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-01 (Toilet 1 and Toilet 2)                           | 4 | 240.00 | 960.00 |
| 4/10/1/E | D5 - Single leaf door overall size 1000mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-02 (Disabled Toilet, Female Toilet and Male Toilet) | 3 | 240.00 | 720.00 |

**FIRE-RATED DOOR**

**Note:-**

- 1) The fire rated door with the following:-
  - a) Valid certificate of approval from Jabatan Bomba complete with attachment of ironmongery details tested with fire resistant doorset
  - b) Comply with the requirements of the JBPM, MS 1073 and SS 332 and any additional requirements of other statutory authorities having jurisdiction over the works
  - c) Product certification licence from SIRIM QAS and summary test report from the Fire Engineering Test Section, Sirim QAS International Bhd, catalogue of all ironmongeries that are tested with the fire resistant doorset
  - d) Installed by the accredited and approved installer from the fire resistant doorset manufacturer
- 2) The Contractor shall ensure that the product warranty for a period of two (2) years for ironmongeries shall be issued by the product manufacturer directly to the Employer.

**Approved fire rated metal frame solid core timber door including ironmongeries, etc., complete system all as per manufacturer's instruction, Jabatan Bomba and authorities' requirement**

|          |                                                                                                                                                                                     |   |          |          |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------|----------|
| 4/10/2/A | FD1 - Single leaf one hour fire rated door overall size 1000mm wide x 2400mm high, fixed to 100mm brickwall as per Architect's Drawing No. DR(SCH)-02 (Staircase 1 and Staircase 2) | 6 | 1,200.00 | 7,200.00 |
| 4/10/2/B | Extra over for master key system                                                                                                                                                    | 6 | 100.00   | 600.00   |

**FRAME AND FINISHINGS**

**Approved sawn pressure treated Grade "B" timber:-**

|          |                                                                         |     |       |          |
|----------|-------------------------------------------------------------------------|-----|-------|----------|
| 4/10/2/C | 130mm x 12mm as packing piece as per Architect's Drawing No. TYP(DE)-01 | 117 | 30.00 | 3,510.00 |
|----------|-------------------------------------------------------------------------|-----|-------|----------|

**Approved wrot pressure treated Grade "B" timber:-**

|          |                                                                                   |     |       |          |
|----------|-----------------------------------------------------------------------------------|-----|-------|----------|
| 4/10/2/D | 50mm x 10mm thick decorative architrave as per Architect's Drawing No. TYP(DE)-01 | 234 | 20.00 | 4,680.00 |
|----------|-----------------------------------------------------------------------------------|-----|-------|----------|

**Approved wrot pressure treated Grade "A" hardwood timber:-**

|          |                                                                               |     |       |          |
|----------|-------------------------------------------------------------------------------|-----|-------|----------|
| 4/10/2/E | 150mm x 50mm Frame with 15mm rebate as per Architect's Drawing No. TYP(DE)-01 | 117 | 50.00 | 5,850.00 |
|----------|-------------------------------------------------------------------------------|-----|-------|----------|

**PHENOLIC DOOR**

**Approved 12mm thick finished high pressure laminated phenolic board with melamine resin on impregnated decorative paper on both sides, support, locksets with indicator, coat hook with rubber bumpers, hinges, all fixing accessories, etc., complete system; all to the Manufacturer's instruction and Architect's Drawing No. FT(DE)-03 and MT(DE)-03:-**

|          |                                                                       |   |        |          |
|----------|-----------------------------------------------------------------------|---|--------|----------|
| 4/10/3/A | Overall size 750mm wide x 2100mm high (Female Toilet and Male Toilet) | 6 | 600.00 | 3,600.00 |
|----------|-----------------------------------------------------------------------|---|--------|----------|

**TOTAL ELEMENT NO. 10 - DOORS**

**30,620.00**

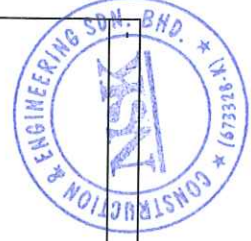




|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     |        |           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------|-----------|--|
| ELEMENT NO. 11 - IRONMONGERIES<br>(ALL PROVISIONAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |        |           |  |
| Note:-<br>1) The Contractor shall breakdown his prices in the boxes provided<br>2) The rate of ironmongery shall be inclusive of all fixing accessories<br>3) Adjustment will be made to the rate accordingly based on the actual cost except the fixing cost (i.e. Item b)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |     |        |           |  |
| IRONMONGERY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |     |        |           |  |
| 4/11/1/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO. | 13  | 250.00 | 3,250.00  |  |
| 4/11/1/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO. | 13  | 50.00  | 650.00    |  |
| 4/11/1/C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO. | 7   | 100.00 | 700.00    |  |
| 4/11/2/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO. | 2   | 110.00 | 220.00    |  |
| 4/11/2/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO. | 88  | 50.00  | 4,400.00  |  |
| TOTAL ELEMENT NO. 11 - IRONMONGERIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |     |     |        | 9,220.00  |  |
| ELEMENT NO. 12 - WALL FINISHES<br>(ALL PROVISIONAL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |     |        |           |  |
| PLASTERWORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |     |        |           |  |
| Note:-<br>1) The rate for plasterwork shall inclusive of:-<br>a) PVC angle beads for all corners (i.e. window, door and wall corner)<br>b) uPVC throating / water drip<br>c) Fibreglass mesh tape / exmet or any other approved treatment for the joint between cement and sand plaster and skim coat finishing<br>d) Plaster to fall at external edge of window                                                                                                                                                                                                                                                                                                                                                                                                                                       |     |     |        |           |  |
| Cement and sand (1:3) with an approved plasticiser externally finished with a wood float:-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |     |        |           |  |
| 4/12/1/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M2  | 76  | 50.00  | 3,800.00  |  |
| Cement and sand (1:3) with an approved plasticiser internally finished with a steel trowel:-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |     |        |           |  |
| 4/12/1/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M2  | 738 | 50.00  | 36,900.00 |  |
| WALL TILES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |     |        |           |  |
| Note:-<br>1) The Contractor shall breakdown his prices in the boxes provided<br>2) Adjustment will be made to the rate accordingly based on the actual cost except the Adhesive and grout (Item c), Screed (Item d) and Labour & Other Cost All Inclusive (Item e) should other tile be used<br>3) The Contractor is required to submit tiles setting out shop drawing for approval prior commencement of works<br>4) The rate for wall tile shall be inclusive of:-<br>a) Screeded backing to wall<br>b) Tile spacer for forming gap between tile<br>c) Tile edge to be chamfered<br>d) Working around electrical & telephone junction box including cutting fitting in and lay matching tiles<br>5) The measurement of wall tiles shall be in square meter inclusive of quantities of edge of window |     |     |        |           |  |



|                                                                                                                                                                                                                                                                                                                                  |    |     |        |                   |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|--------|-------------------|--|--|
| Supply and lay various wall tile finishes; in types, quality, colours, patterns; selection by the Architect                                                                                                                                                                                                                      |    |     |        |                   |  |  |
| 300mm x 600mm "MML Belluci SM8K1D" or other approved equivalent porcelain homogeneous tile laid to pattern, bedded in tile adhesive, jointed and pointed in matching colour tile grout including cement and sand (1:3) screeded backing all to the Manufacturer's instruction and Architect's drawings and approval              |    |     |        |                   |  |  |
| 4/12/2/A                                                                                                                                                                                                                                                                                                                         | M2 | 227 | 150.00 | 34,050.00         |  |  |
| 4/12/2/B                                                                                                                                                                                                                                                                                                                         | M  | 5   | 20.00  | 100.00            |  |  |
| 4/12/2/C                                                                                                                                                                                                                                                                                                                         | M2 | 3   | 150.00 | 450.00            |  |  |
| 300mm x 600mm "MML Element C202" or other approved equivalent porcelain homogeneous tile laid to pattern, bedded in tile adhesive, jointed and pointed in matching colour tile grout including cement and sand (1:3) screeded backing all to the Manufacturer's instruction and Architect's drawings and approval                |    |     |        |                   |  |  |
| 4/12/3/A                                                                                                                                                                                                                                                                                                                         | M2 | 76  | 150.00 | 11,400.00         |  |  |
| 4/12/3/B                                                                                                                                                                                                                                                                                                                         | M  | 1   | 20.00  | 20.00             |  |  |
| <b>Note:-</b>                                                                                                                                                                                                                                                                                                                    |    |     |        |                   |  |  |
| 1) The Contractor shall breakdown his prices in the boxes provided                                                                                                                                                                                                                                                               |    |     |        |                   |  |  |
| 2) Adjustment will be made to the rate accordingly based on the actual cost except the Adhesive and grout (Item c), Screed (Item d) and Labour & Other Cost All inclusive (Item e) should other tile be used                                                                                                                     |    |     |        |                   |  |  |
| 3) The Contractor is required to submit brick veneer setting out shop drawing for approval prior commencement of works                                                                                                                                                                                                           |    |     |        |                   |  |  |
| 4) The rate for brick veneer shall be inclusive of:-                                                                                                                                                                                                                                                                             |    |     |        |                   |  |  |
| a) Screeded backing to wall, soffit of slab and slab, including to fall                                                                                                                                                                                                                                                          |    |     |        |                   |  |  |
| b) Working around edges                                                                                                                                                                                                                                                                                                          |    |     |        |                   |  |  |
| c) 10mm wide drip line as per Architect's Drawing No. TYP(DE)-01                                                                                                                                                                                                                                                                 |    |     |        |                   |  |  |
| d) Necessary support for working around soffit of slab                                                                                                                                                                                                                                                                           |    |     |        |                   |  |  |
| 5) The measurement of brick veneer shall be in square meter inclusive of quantities of edges                                                                                                                                                                                                                                     |    |     |        |                   |  |  |
| <b>BRICK VENEER</b>                                                                                                                                                                                                                                                                                                              |    |     |        |                   |  |  |
| Supply and install "SUZUKA BL-6101" or other approved equivalent brick veneer laid to pattern, bedded in tile adhesive, jointed and pointed in "SUZUKA GM-16" or other approved equivalent grouting including cement and sand (1:3) screeded backing all to the Manufacturer's instruction and Architect's drawings and approval |    |     |        |                   |  |  |
| 4/12/4/A                                                                                                                                                                                                                                                                                                                         | M2 | 505 | 340.00 | 171,700.00        |  |  |
| <b>TOTAL ELEMENT NO. 12 - WALL FINISHES</b>                                                                                                                                                                                                                                                                                      |    |     |        | <b>258,420.00</b> |  |  |



ELEMENT NO. 13 - FLOOR FINISHES

(ALL PROVISIONAL)

PAVING

Note:-

1) The rate shall inclusive one layer wire mesh for cement and sand screed thickness 50mm and above

Cement and sand (1:3) finished with a steel/ wood trowel to smooth/ semi-smooth/ wet polished finish: including falls and crossfalls:-

4/13/1/A 25mm (min) Paving: including to fall and crossfall

4/13/1/B 13mm (min) Finish to drop 150mm high

4/13/1/C 13mm (min) Finish to drop 25mm high

FLOOR TILES

Note:-

1) The Contractor shall breakdown his prices in the boxes provided

2) Adjustment will be made to the rate accordingly based on the actual cost except the Adhesive and grout (Item c), Screed (Item d) and Labour & Other Cost All Inclusive (Item e) should other tile be used

3) For the drop and skirting, the adjustment will be made to the rate accordingly based on the actual cost against the Supply rate on the material in area basis and the percentage of wastage and profit as allowed by the Contractor for the similar series of material. No other adjustment will be made for other necessary cost, additional wastage, etc.

4) The Contractor is required to submit tiles setting out shop drawing for approval prior commencement of works

5) The rate for floor tile shall inclusive of:-

a) Screeded bed to concrete floor and steps

b) Laying tile to fall and crossfall

c) Tile spacer for forming gap between tile

d) Tile edge to be chamfered

e) Working around electrical & telephone junction box, floor trap & pipe inlet / outlet including cutting, fitting in and lay matching tiles

6) The measurement of floor tile shall be in square meter inclusive of quantities of bottom of door except drop

Supply and lay various floor tile finishes: in types, quality, colours, patterns: selection by the Architect  
600mm x 600mm "MML Boston SM8H5D" or other approved equivalent porcelain  
homogeneous tiles, bedded in tile adhesive, jointed and pointed in matching colour tile  
grout including cement and sand (1:3) screeded bed all in accordance to the  
Manufacturer's instruction and Architect's drawings and approval

4/13/2/A Paving including fall and crossfall (Meeting Space, Event Room, Library, Prayer Room and Counseling Room)

4/13/2/B Finish to skirting 100mm high

4/13/2/C Finish to drop 100mm high

600mm x 600mm "MML Belluci SM8K4D" or other approved equivalent porcelain  
homogeneous tiles, bedded in tile adhesive, jointed and pointed in matching colour tile  
grout including cement and sand (1:3) screeded bed all in accordance to the  
Manufacturer's instruction and Architect's drawings and approval

4/13/3/A Paving including fall and crossfall (Corridor and Staircase 2)

4/13/3/B Finish to skirting 100mm high

300mm x 600mm "MML Belluci SM8K3D" or other approved equivalent porcelain  
homogeneous tiles laid to pattern, bedded in tile adhesive, jointed and pointed in matching  
colour tile grout including cement and sand (1:3) screeded bed all to the Manufacturer's  
instruction and Architect's drawings and approval

4/13/4/A Paving including fall and crossfall (Toilet)

4/13/4/B Finish to ramp

M2

34

40.00

1,360.00

M

2

20.00

40.00

M

1

20.00

20.00

M2

189

150.00

28,350.00

M

159

25.00

3,975.00

M

11

25.00

275.00

M2

111

150.00

16,650.00

M

134

25.00

3,350.00

M2

54

150.00

8,100.00

M2

1

150.00

150.00



|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |    |        |                  |  |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|--------|------------------|--|
| 4/13/5/A                                     | 300mm x 600mm "MML Brook SM8S8D" or other approved equivalent porcelain homogeneous tiles laid to pattern, bedded in tile adhesive, jointed and pointed in matching colour tile grout including cement and sand (1:3) screeded bed all to the Manufacturer's instruction and Architect's drawings and approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M2 | 30 | 150.00 | 4,500.00         |  |
| 4/13/5/B                                     | Paving including fall and crossfall (Pantry)<br>Finish to drop 100mm high<br>300mm x 600mm "MML Ariana SMAR2" or other approved equivalent porcelain homogeneous tiles laid to pattern, bedded in tile adhesive, jointed and pointed in matching colour tile grout including cement and sand (1:3) screeded bed all to the Manufacturer's instruction and Architect's drawings and approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M  | 1  | 25.00  | 25.00            |  |
| 4/13/6/A                                     | Paving including fall and crossfall (Care Taker)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M2 | 16 | 150.00 | 2,400.00         |  |
| 4/13/6/B                                     | Finish to skirting 100mm high<br><b>WATERPROOFING</b><br><b>Note:-</b><br>1) Unless otherwise measured separately, the rates of waterproofing items shall be deemed to be inclusive of the cost to carry out ponding and leakage test to all areas or structures treated with waterproofing system.<br>2) The measurement for waterproofing shall be measured in square metres irrespective of width or height including drop and upturn<br>3) The Contractor and waterproofing manufacturer and applicator shall jointly provide the ten (10) years warranty in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract<br>"SIKA" or other approved equivalent waterproofing system including preparing surfaces, priming and laying, working around floor trap outlet, pipe inlet/outlet, pipe penetration, etc., complete system all as per Manufacturer's specification and instruction and Architect's approval<br>Apply 2 coats "Sika Top Seal 107 RED" 2-part polymer modified cementitious waterproofing and protective coating system at 1.0kg/m <sup>2</sup> /coat directly onto well prepared and cleaned surfaces and apply "Sikalastic 110" polyurethane liquid applied seamless waterproofing coating system to all floor trap:-<br>To floor, wall, upturn and drop including working around floor traps outlet, pipe inlet/outlet, pipe penetration, etc. (All Toilet)<br>25mm x 25mm cement and sand angle fillet all around vertical and horizontal joints | M  | 15 | 25.00  | 375.00           |  |
| 4/13/7/A                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M2 | 79 | 50.00  | 3,950.00         |  |
| 4/13/7/B                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M  | 82 | 15.00  | 1,230.00         |  |
| <b>TOTAL ELEMENT NO. 13 - FLOOR FINISHES</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |    |        | <b>74,750.00</b> |  |



**ELEMENT NO. 14 - CEILING**

**(ALL PROVISIONAL)**

**PLASTERWORK**

**Note:-**

1) The rate for plasterworks shall inclusive of :-

a) PVC angle beads for all corners

b) UPVC throating / water drip

**Approved ready-mixed cement based plaster / skim coat applied all in accordance with manufacturer's instruction:-**

10mm (min) Plaster to concrete sides and soffit, externally

3mm (min) Plaster to concrete sides and soffit, internally

**CEILING BOARD**

**Note:-**

1) The rate for ceiling board shall be inclusive the following :-

a) forming opening for wiring works

b) Key-lock suspension or ceiling batten system fixed in various depth from roof truss or concrete slab

2) The quantity of ceiling board is measured nett (i.e. excluding drop profile, recessed, light trough, etc.) unless specified to be extra over

**Supply and install various ceiling boards finish all to the approval of the Architect :-**

Approved fibrous plaster board ceiling, lining and cornice fixed to approved galvanized concealed furring channel suspension system including trimming and extra framing around light fittings, diffusers and the like, seamless joint surface preparation to receive painting (measured separately) and etc.; complete system strictly in accordance with Manufacturer's instruction, Architect's approval and drawing:-

**"USG Boral Unispan" gypsum plaster board ceiling on USG Boral ceiling batten or other approved equivalent**

9.5mm (min) ceiling board; including forming opening for all M&E fittings; internally

9.5mm (min) ceiling board; including forming opening for all M&E fittings; internally (Measured irrespective of height over Staircase 2)

9.5mm (min) ceiling board; including forming opening for all M&E fittings; internally; exceeding 3.50m but not exceeding 5.00m high (Air well)

Extra over for forming 200mm x 200mm pelmet as per Architect's Drawing No. TYP(DE)-02

Extra over for forming 200mm x 100mm pelmet as per Architect's Drawing No. TYP(DE)-02

Extra over for forming 600mm x 600mm concealed access panel complete with aluminium framing

**"USG Boral Wetstop" moisture resistant gypsum plaster board ceiling on USG Boral ceiling batten or other approved equivalent**

9.5mm (min) moisture resistant ceiling board including forming opening for all M&E fittings; internally

Extra over for forming 200mm x 100mm pelmet as per Architect's Drawing No. TYP(DE)-02

Extra over for forming 600mm x 600mm concealed access panel complete with aluminium framing

**TOTAL ELEMENT NO. 14 - CEILING**



|                                       |     |        |                  |
|---------------------------------------|-----|--------|------------------|
| M2                                    | 20  | 40.00  | 800.00           |
| M2                                    | 14  | 15.00  | 210.00           |
| M2                                    | 307 | 35.00  | 10,745.00        |
| M2                                    | 12  | 35.00  | 420.00           |
| M2                                    | 6   | 35.00  | 210.00           |
| M                                     | 13  | 40.00  | 520.00           |
| M                                     | 11  | 40.00  | 440.00           |
| NO.                                   | 6   | 120.00 | 720.00           |
| M2                                    | 57  | 55.00  | 3,135.00         |
| M                                     | 3   | 50.00  | 150.00           |
| NO.                                   | 5   | 150.00 | 750.00           |
| <b>TOTAL ELEMENT NO. 14 - CEILING</b> |     |        | <b>18,100.00</b> |

**ELEMENT NO. 15 - SANITARY WARES AND FITTINGS**  
**(ALL PROVISIONAL)**

**Note:-**

- 1) The Contractor shall breakdown his prices in the boxes provided
- 2) The rate of sanitary wares and fittings shall be inclusive of all fixing accessories, joints, connection to supply, waste and overflow pipe
- 3) Adjustment will be made to the rate accordingly based on the actual cost except the Fixing & Other Cost All Inclusive (i.e. item b)

**Supply and fix the following sanitary wares, fittings and accessories including moving, handling, and storing within site**

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |          |          |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|----------|
| 4/15/1/A | "Orin SMART One Piece Suite DynaWash WC" water closet complete with internal fittings 3/6L dual flush, "PP" soft close ultra thin seat and cover, fixing bolt and caps, straight outlet connector and 250mm S-trap including "Orin" 12" stainless steel flexible hose, "Orin AV101SS" stainless steel angle valve with flange, etc complete system or other approved equivalent (Female Toilet, Male Toilet, Toilet 1 and Toilet 2)                                                                         | 8  | 860.00   | 6,880.00 |
| 4/15/2/A | "Orin BERLIN close-coupled suite DynaWash WC" water closet complete with internal fittings 3/6L dual flush, premium "UJF" soft close seat and cover, fixing bolt and caps, straight outlet connector and 250mm S-trap including "Orin" 12" stainless steel flexible hose, "Orin AV101SS" stainless steel angle valve with flange, etc complete system or other approved equivalent (Disabled Toilet)                                                                                                        | 1  | 1,030.00 | 1,030.00 |
| 4/15/2/B | "Orin VARNA" 505mm x 440mm x 150mm high wall hung basin complete with fixing bolts including "Orin" stainless steel pop-up waste with overflow "Orin" 32mm PVC bottle trap or other approved equivalent (Toilet 1 and Toilet 2)                                                                                                                                                                                                                                                                             | 2  | 580.00   | 1,160.00 |
| 4/15/3/A | "Orin PRAGO" 415mm x 415mm x 150mm high semi-recessed basin complete with fixing bolts including "Orin" stainless steel pop-up waste with overflow "Orin" 32mm PVC bottle trap or other approved equivalent (Disabled Toilet)                                                                                                                                                                                                                                                                               | 1  | 520.00   | 520.00   |
| 4/15/3/B | "Orin ONLL-11032T7" other other approved equivalent brass chromed wall mounted basin cold tap with quarter turn (Female Toilet and Male Toilet)                                                                                                                                                                                                                                                                                                                                                             | 7  | 110.00   | 770.00   |
| 4/15/3/C | "Orin SK9922" other other approved equivalent brass chromed single lever basin cold tap (Toilet 1 and Toilet 2)                                                                                                                                                                                                                                                                                                                                                                                             | 2  | 220.00   | 440.00   |
| 4/15/4/A | "Orin ON 12000F27" other other approved equivalent brass chromed basin tap with 7" elongated handle (Disabled Toilet)                                                                                                                                                                                                                                                                                                                                                                                       | 1  | 130.00   | 130.00   |
| 4/15/4/B | "Orin 9A-6010" ABS chromed shower head complete with stainless steel shower arm and "ORIN 12017CT1QT" brass chromed concealed stopcock or other approved equivalent (Toilet 2)                                                                                                                                                                                                                                                                                                                              | 1  | 66.00    | 66.00    |
| 4/15/4/C | "Orin ONHB-BS222S" brass nozzle bidet spray complete with flexible hose, holder and "ORIN ON202CT1" brass chromed angle valve or other approved equivalent (Disabled Toilet, Female Toilet, Male Toilet, Toilet 1 and Toilet 2)                                                                                                                                                                                                                                                                             | 9  | 66.00    | 594.00   |
| 4/15/5/A | "Orin VA PHA 01" or other approved equivalent stainless steel toilet roll holder (Toilet)                                                                                                                                                                                                                                                                                                                                                                                                                   | 9  | 66.00    | 594.00   |
| 4/15/5/B | "ABG BU4843" 483mm x 430mm x 230mm SUS304 stainless steel under mount one piece craft kitchen sink complete with sink waste, "Orin" 40mm PVC bottle trap or other approved equivalent including support bar or bracket (Pantry)                                                                                                                                                                                                                                                                             | 2  | 350.00   | 700.00   |
| 4/15/5/C | "Orin SS35PST-W" or other approved equivalent matt finish stainless steel single lever kitchen sink mixer (Pantry)                                                                                                                                                                                                                                                                                                                                                                                          | 2  | 360.00   | 720.00   |
| 4/15/6/A | "Orin Denver" 375mm x 320mm x 680mm wall hung urinal top inlet complete with ceramic waste, bracket and fixing bolts and "Orin OR-AC508" exposed urinal flush valve complete with straight pipe and metal spud or other approved equivalent (Male Toilet)                                                                                                                                                                                                                                                   | 3  | 370.00   | 1,110.00 |
| 4/15/6/B | "Orin ONGB807-600" or other approved equivalent 600mm x 32mm diameter stainless steel straight grab bar (Disabled Toilet)                                                                                                                                                                                                                                                                                                                                                                                   | 1  | 140.00   | 140.00   |
| 4/15/6/C | "Orin ON 803" or other approved equivalent 165mm x 750mm x 32mm diameter stainless steel 304 lift up grab bar (Disabled Toilet)                                                                                                                                                                                                                                                                                                                                                                             | 1  | 250.00   | 250.00   |
| 4/15/7/A | "Orin TPE9111" or other approved equivalent size 130mm x 130mm SUS304 & ABS floor trap with anti-insect tile insert                                                                                                                                                                                                                                                                                                                                                                                         | 11 | 55.00    | 605.00   |
| 4/15/7/B | "Orin" or other approved equivalent 32mm PVC bottle trap                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3  | 15.00    | 45.00    |
| 4/15/7/C | <b>VANITY COUNTER TOP</b><br>300mm x 600mm "NIRO GRANITE 30x60 GMA25 BLANC 1ST MARMO POLISHED" or other approved equivalent porcelain homogeneous tiles finish vanity counter top including reinforced concrete structure, forming opening for basin or sink, surface preparation, adhesive, etc. complete system as per Architect's Drawing<br>Overall size (2550+3025+5475)mm C-shape girth for x (600/550/600)mm wide x 100mm high and chamfer all edge as per Architect's Drawing No. GA(A)-02 (Pantry) | 1  | 6,000.00 | 6,000.00 |



|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |     |     |                  |           |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|------------------|-----------|
| 4/15/7/D | Overall size 3290mm long x 600mm wide x 100mm high and chamfer all edge as per Architect's Drawing No. DT(DE)-01-03 (Disabled Toilet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO. | 1   | 2,000.00         | 2,000.00  |
| 4/15/7/E | Overall size 5250mm long x 500mm wide x 230mm high and chamfer all edge as per Architect's Drawing No. FT(DE)-01-05 (Female Toilet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NO. | 1   | 3,000.00         | 3,000.00  |
| 4/15/7/A | Overall size 2600mm long x 500mm wide x 230mm high and chamfer all edge as per Architect's Drawing No. MT(DE)-01-05 (Male Toilet)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NO. | 1   | 1,500.00         | 1,500.00  |
| 4/15/7/B | <b>URINAL PANEL</b><br><u>Supply and install approved urinal panel including all fixing accessories fixed to wall as per Architect's drawings</u><br>"Orin UD2" or other approved equivalent 360mm x 800mm ceramic urinal division                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NO. | 2   | 300.00           | 600.00    |
|          | <b>TOTAL ELEMENT NO. 15 - SANITARY WARES AND FITTINGS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |     |     | <b>28,854.00</b> |           |
|          | <b>ELEMENT NO. 16 - PAINTING AND DECORATION (ALL PROVISIONAL)</b><br><u>Note:-</u><br>1) The Contractor and paint manufacturer and applicator shall jointly provide a seven (7) years warranty for exterior paint in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract<br>2) Colour scheme shall be submitted for Architect's approval.<br>3) The measurement of painting to wall shall be square metres to irrespective of the height of wall<br><b>WALL AND CEILING</b><br><u>Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5100 Wall Sealer" styrene acrylic water-based primer and two finishing coats of "Nippon Weatherbond", pure acrylic weather resistant paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction, externally:-</u><br>Surfaces of plastered wall and column<br>Surfaces of plastered concrete sides and soffit<br>Surfaces of plastered sloping concrete soffit<br>Surface of plastered edge of concrete including working to profile of tread and riser overall width exceeding 300mm and not exceeding 400mm high<br><u>Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5300 Basecoat", acrylic copolymer water-based base coat and two finishing coats of "Nippon Matex Pro", acrylic copolymer emulsion paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction, internally:-</u><br>Surfaces of plastered wall and column<br>Surfaces of dry wall<br>Surfaces of skim coated concrete soffit<br>Surfaces of skim coated sloping concrete soffit<br>Surface of skim coated edge of concrete including working to profile of tread and riser overall width exceeding 300mm and not exceeding 400mm high<br>Surfaces of fibrous plasterboard ceiling<br>Surfaces of fibrous plasterboard ceiling (Measured irrespective of height over Staircase 2)<br>Surfaces of fibrous plasterboard ceiling; exceeding 3.50m but not exceeding 5.00m high<br>Surfaces of moisture resistance fibrous plasterboard ceiling<br><u>Prepare and apply "Sika" or other approved equivalent system comprising of two coat of "Sikagard-700 MY", 1-part water repellent impregnation and colourless protective surface treatment absorbent exposed materials all in accordance to S.O.'s approval and to the manufacturer's instruction, externally:-</u><br>Surfaces of brick veneer<br><b>METAL WORKS</b> |     |     |                  |           |
| 4/16/1/A | Surfaces of plastered wall and column                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M2  | 76  | 20.00            | 1,520.00  |
| 4/16/1/B | Surfaces of plastered concrete sides and soffit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M2  | 24  | 20.00            | 480.00    |
| 4/16/1/C | Surfaces of plastered sloping concrete soffit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M2  | 19  | 20.00            | 380.00    |
| 4/16/1/D | Surface of plastered edge of concrete including working to profile of tread and riser overall width exceeding 300mm and not exceeding 400mm high                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M   | 21  | 10.00            | 210.00    |
| 4/16/1/E | Surfaces of plastered wall and column                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M2  | 738 | 8.00             | 5,904.00  |
| 4/16/1/F | Surfaces of dry wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | M2  | 107 | 8.00             | 856.00    |
| 4/16/1/G | Surfaces of skim coated concrete soffit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M2  | 22  | 8.00             | 176.00    |
| 4/16/1/H | Surfaces of skim coated sloping concrete soffit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M2  | 17  | 8.00             | 136.00    |
| 4/16/1/J | Surface of skim coated edge of concrete including working to profile of tread and riser overall width exceeding 300mm and not exceeding 400mm high                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M   | 14  | 4.00             | 56.00     |
| 4/16/1/K | Surfaces of fibrous plasterboard ceiling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M2  | 310 | 8.00             | 2,480.00  |
| 4/16/2/A | Surfaces of fibrous plasterboard ceiling (Measured irrespective of height over Staircase 2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M2  | 12  | 8.00             | 96.00     |
| 4/16/2/B | Surfaces of fibrous plasterboard ceiling; exceeding 3.50m but not exceeding 5.00m high                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M2  | 6   | 8.00             | 48.00     |
| 4/16/2/C | Surfaces of moisture resistance fibrous plasterboard ceiling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2  | 58  | 8.00             | 464.00    |
| 4/16/2/D | Surfaces of brick veneer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M2  | 505 | 40.00            | 20,200.00 |



|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |     |       |                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-------|------------------|
| 4/16/2/E                                              | Prepare and apply paint "Nippon Paint" system comprising of one coat primer (shop primed by others), one coat of "Nippon Economy Undercoat" quick dry oil-modified alkyd based and two finishing coats of "Nippon 9000 Gloss Finish" fungus resistant oil-modified alkyd enamel paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction:-<br>Surfaces of door frame exceeding 150mm and not exceeding 300mm girth                             | M    | 35  | 10.00 | 350.00           |
| 4/16/2/F                                              | Surfaces of mild steel perforated staircase railing as per Architect's Drawing No. ST1(DE)-03-04                                                                                                                                                                                                                                                                                                                                                                                                         | M    | 35  | 30.00 | 1,050.00         |
| 4/16/2/G                                              | Surfaces of mild steel staircase railing as per Architect's Drawing No. ST2(DE)-03                                                                                                                                                                                                                                                                                                                                                                                                                       | M    | 24  | 30.00 | 720.00           |
| <b>WOODWORK</b>                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |     |       |                  |
| 4/16/3/A                                              | Prepare and apply paint "Nippon Paint" system comprising of one coat primer (shop primed by others), one coat of "Nippon Economy Undercoat" quick dry oil-modified alkyd based and two finishing coats of "Nippon 9000 Gloss Finish" fungus resistant oil-modified alkyd enamel paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction:-<br>Surfaces of door frame exceeding 150mm and not exceeding 300mm girth                             | M    | 117 | 10.00 | 1,170.00         |
| 4/16/3/B                                              | Surfaces of architrave not exceeding 150mm girth                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M    | 234 | 10.00 | 2,340.00         |
| 4/16/3/C                                              | General surfaces of door leaves<br><b>REPAINTING TO EXISTING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         | M2   | 136 | 30.00 | 4,080.00         |
| 4/16/3/D                                              | Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5100 Wall Sealer", styrene acrylic water-based primer and two finishing coats of "Nippon Weatherbond", pure acrylic weather resistant paint or other approved equivalent including all necessary surface preparation for repainting to existing, all in accordance to Architect's approval and to the manufacturer's instruction, externally:-<br>Surfaces of existing external wall, coping and ceiling         | Item |     |       | 21,000.00        |
| 4/16/3/E                                              | Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5300 Basecoat", acrylic copolymer water-based base coat and two finishing coats of "Nippon Matex Pro", acrylic copolymer emulsion paint or other approved equivalent including all necessary surface preparation for repainting to existing, all in accordance to Architect's approval and to the manufacturer's instruction, internally:-<br>Surfaces of wall (Existing external wall convert to internal wall) | M2   | 103 | 8.00  | 824.00           |
| 4/16/3/F                                              | Surfaces of wall (Existing internal wall)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M2   | 53  | 8.00  | 424.00           |
| <b>TOTAL ELEMENT NO. 16 - PAINTING AND DECORATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |     |       | <b>64,964.00</b> |



|  |                                               |  |  |  |  |  |   |            |   |           |
|--|-----------------------------------------------|--|--|--|--|--|---|------------|---|-----------|
|  | ELEMENT NO. 1 - DEMOLITION WORKS              |  |  |  |  |  | - | 75,500.00  | - | 44,550.00 |
|  | ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR LEVEL |  |  |  |  |  | - | 30,051.00  | - | -         |
|  | ELEMENT NO. 3 - FRAME                         |  |  |  |  |  | - | 122,993.00 | - | -         |
|  | ELEMENT NO. 4 - EXTERNAL WALL                 |  |  |  |  |  | - | 57,047.00  | - | -         |
|  | ELEMENT NO. 5 -INTERNAL WALL AND PARTITION    |  |  |  |  |  | - | 31,217.50  | - | -         |
|  | ELEMENT NO. 6 - STAIRCASE, STEPS AND FINISHES |  |  |  |  |  | - | 67,228.00  | - | -         |
|  | ELEMENT NO. 7 - UPPER FLOOR CONSTRUCTION      |  |  |  |  |  | - | 60,249.00  | - | -         |
|  | ELEMENT NO. 8 - ROOF                          |  |  |  |  |  | - | 38,010.00  | - | -         |
|  | ELEMENT NO. 9 - ALUMINIUM AND GLAZING WORKS   |  |  |  |  |  | - | 30,620.00  | - | -         |
|  | ELEMENT NO. 10 - DOORS                        |  |  |  |  |  | - | 30,620.00  | - | -         |
|  | ELEMENT NO. 11 - IRONMONGERIES                |  |  |  |  |  | - | 9,220.00   | - | -         |
|  | ELEMENT NO. 12 - WALL FINISHES                |  |  |  |  |  | - | 258,420.00 | - | -         |
|  | ELEMENT NO. 13 - FLOOR FINISHES               |  |  |  |  |  | - | 74,750.00  | - | -         |
|  | ELEMENT NO. 14 - CEILING                      |  |  |  |  |  | - | 18,100.00  | - | -         |
|  | ELEMENT NO. 15 - SANITARY WARES AND FITTINGS  |  |  |  |  |  | - | 28,854.00  | - | -         |
|  | ELEMENT NO. 16 - PAINTING AND DECORATION      |  |  |  |  |  | - | 64,964.00  | - | -         |
|  | TOTAL BILL NO. 4 - MAIN BUILDING              |  |  |  |  |  |   | 997,843.50 |   | 44,550.00 |

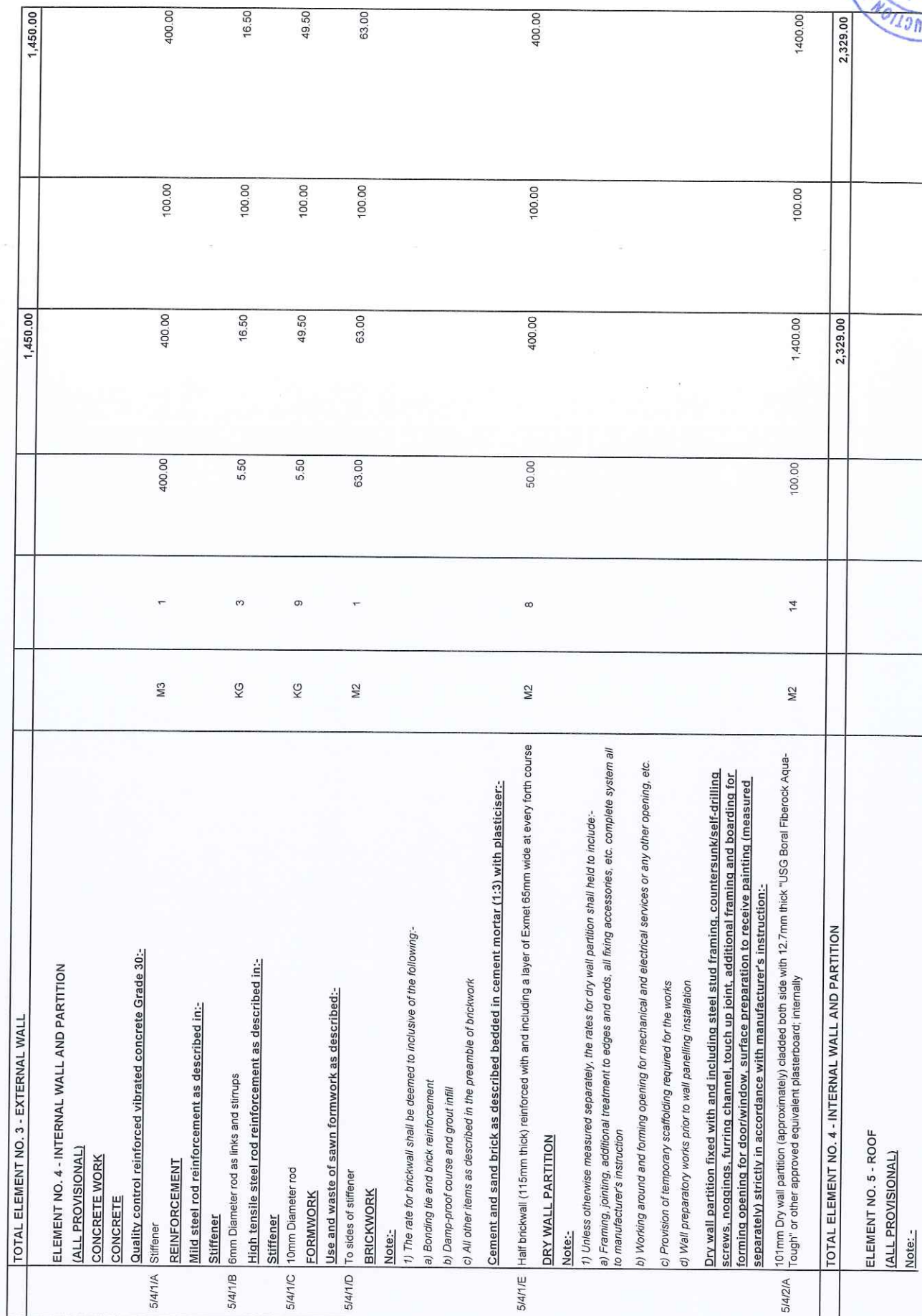
SHAH ALAM CHINESE METHODIST CHURCH-RENOVATION WORKS  
BILL NO. 5 - TEMPORARY TOILET

| Item    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Unit | Qty | Rate (RM) | Contract Amount (RM) | Workdone(%) | Amount (RM) |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------|----------------------|-------------|-------------|
| 5/1/1/A | <p>ELEMENT NO. 1 - WORK BELOW LOWEST FLOOR LEVEL<br/>(ALL PROVISIONAL)</p> <p><b>Specification And General Labour Clauses:-</b><br/>For Description and Materials, Workmanship and General Labour Clauses applicable to this bill, see "Bill No. 2 - Specification &amp; Preambles".</p> <p><b>EXCAVATION WORK</b></p> <p><b>Note:-</b></p> <p>1) All excavation are measured from existing ground unless otherwise stated</p> <p>2) The rate for excavation work shall be inclusive of -</p> <p>a) protecting sides of excavation by temporary shoring such as planking and strutting or steel sheet piling and strutting as required for the type of soil encountered</p> <p>b) Cart away surplus excavated materials to dump site within development area or load, transport and stock pile surplus excavated materials to area of fill whichever as per BQ item described</p> <p>c) All other items as described in the preamble</p> <p>3) The Contractor is required to observe and comply with the conditions regarding the manner in which excavation works should be carried out as well as other conditions prior to or during the execution of excavation works</p> <p><b>Excavate, get out, part return, fill in and ram, load, transport excavated materials to area of filling, spread level, compact and remove surplus excavated materials from site</b></p> <p>For non-suspended ground slab maximum depth not exceeding 1.00m deep</p> <p><b>HARDCORE</b></p> <p><b>Crusher run blinded with sand as described; spread, levelled, well consolidated and watered</b></p> <p>150mm Bed beneath non-suspended ground slab</p> <p><b>CONCRETE WORK</b></p> <p><b>CONCRETE</b></p> <p><b>Quality control concrete Grade 10:-</b></p> <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p> | M3   | 12  | 80.00     | 960.00               | 100.00      | 960.00      |
| 5/1/1/B | <p>150mm Bed beneath non-suspended ground slab</p> <p><b>CONCRETE WORK</b></p> <p><b>CONCRETE</b></p> <p><b>Quality control concrete Grade 10:-</b></p> <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M2   | 17  | 40.00     | 680.00               | 100.00      | 680.00      |
| 5/1/1/C | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M2   | 17  | 30.00     | 510.00               | 100.00      | 510.00      |
| 5/1/2/A | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M2   | 6   | 70.00     | 420.00               | 100.00      | 420.00      |
| 5/1/2/B | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M2   | 11  | 60.00     | 660.00               | 100.00      | 660.00      |
| 5/1/2/C | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M2   | 1   | 30.00     | 30.00                | 100.00      | 30.00       |
| 5/1/2/D | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M3   | 4   | 400.00    | 1,600.00             | 100.00      | 1,600.00    |
| 5/1/2/E | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M    | 9   | 50.00     | 450.00               | 100.00      | 450.00      |
| 5/1/2/F | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | M    | 3   | 50.00     | 150.00               | 100.00      | 150.00      |
| 5/1/2/G | <p>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork</p> <p><b>Quality control reinforced vibrated concrete Grade 30:-</b></p> <p>175mm Non-suspended ground slab</p> <p>150mm Non-suspended ground slab</p> <p>75mm Ramp slab</p> <p>Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)</p> <p>100mm wide x 125mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p>100mm wide x 100mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H/7463/TEW/01/REV.0 (Reinforcement measured separately)</p> <p><b>REINFORCEMENT</b></p> <p><b>Mild steel rod reinforcement as described in:-</b></p> <p><b>Kerb</b></p> <p>6mm Diameter rod as links and stirrups</p> <p><b>High tensile steel rod reinforcement as described in:-</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | KG   | 11  | 5.50      | 60.50                | 100.00      | 60.50       |





|         |                                                                                            |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|---------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----|-----|--------|------------------|--------|------------------|--------|------------------|
| 5/1/2/H | Non-suspended ground slab                                                                  | 16mm Diameter rod                                                                                                                         | KG | 234 | 5.50   | 1,287.00         | 100.00 | 1,287.00         | 100.00 | 1287.00          |
| 5/1/2/J |                                                                                            | 10mm Diameter rod                                                                                                                         | KG | 186 | 5.50   | 1,023.00         | 100.00 | 1,023.00         | 100.00 | 1023.00          |
| 5/1/2/K |                                                                                            | <u>Kerb</u>                                                                                                                               | KG | 11  | 5.50   | 60.50            | 100.00 | 60.50            |        | 60.50            |
|         |                                                                                            | 10mm Diameter rod                                                                                                                         |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | <u>Mesh fabric reinforcement cut to size:-</u>                                                                                            |    |     |        |                  |        |                  |        |                  |
| 5/1/2/L | <u>Non-suspended ground slab</u>                                                           | B.R.C. No. A10 (6.16Kg/m2) mesh fabric reinforcement laid in position with side and end laps (measured nett - no allowance made for laps) | M2 | 26  | 50.00  | 1,300.00         | 100.00 | 1,300.00         |        | 1300.00          |
|         |                                                                                            | <u>FORMWORK</u>                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | <u>Use and waste of sawn formwork as described:-</u>                                                                                      |    |     |        |                  |        |                  |        |                  |
| 5/1/2/M |                                                                                            | To edge of concrete not exceeding 250mm high                                                                                              | M  | 3   | 20.00  | 60.00            | 100.00 | 60.00            |        | 60.00            |
| 5/1/2/N |                                                                                            | To edge of concrete exceeding 500mm high but not exceeding 1000mm high                                                                    | M  | 17  | 50.00  | 850.00           | 100.00 | 850.00           |        | 850.00           |
|         |                                                                                            |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>TOTAL ELEMENT NO. 1 - WORK BELOW LOWEST FLOOR LEVEL</b>                                 |                                                                                                                                           |    |     |        | <b>10,101.00</b> |        | <b>10,101.00</b> |        | <b>10,101.00</b> |
|         |                                                                                            |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>ELEMENT NO. 2 - FRAME</b>                                                               |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>(ALL PROVISIONAL)</b>                                                                   |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>CONCRETE WORK</b>                                                                       |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>CONCRETE</b>                                                                            |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <u>Quality control reinforced vibrated concrete Grade 30:-</u>                             |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
| 5/2/1/A |                                                                                            | Column                                                                                                                                    | M3 | 1   | 400.00 | 400.00           | 100.00 | 400.00           |        | 400.00           |
|         |                                                                                            | <u>REINFORCEMENT</u>                                                                                                                      |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | <u>High tensile steel rod reinforcement as described in:-</u>                                                                             |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | <u>Column</u>                                                                                                                             |    |     |        |                  |        |                  |        |                  |
| 5/2/1/B |                                                                                            | 12mm Diameter rod                                                                                                                         | KG | 135 | 5.50   | 742.50           | 100.00 | 742.50           |        | 742.50           |
| 5/2/1/C |                                                                                            | 10mm Diameter rod                                                                                                                         | KG | 94  | 5.50   | 517.00           | 100.00 | 517.00           |        | 517.00           |
|         |                                                                                            | <u>FORMWORK</u>                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | <u>Note:-</u>                                                                                                                             |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | 1) The measurement for formwork to sides column shall be in square metres to irrespective of the height of column                         |    |     |        |                  |        |                  |        |                  |
|         | <u>Use and waste of sawn formwork as described:-</u>                                       |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
| 5/2/1/D |                                                                                            | To sides of column                                                                                                                        | M2 | 14  | 63.00  | 882.00           | 100.00 | 882.00           |        | 882.00           |
|         |                                                                                            |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>TOTAL ELEMENT NO. 2 - FRAME</b>                                                         |                                                                                                                                           |    |     |        | <b>2,541.50</b>  |        | <b>2,541.50</b>  |        | <b>2,541.50</b>  |
|         |                                                                                            |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>ELEMENT NO. 3 - EXTERNAL WALL</b>                                                       |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>(ALL PROVISIONAL)</b>                                                                   |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <b>BRICKWORK</b>                                                                           |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         | <u>Note:-</u>                                                                              |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | 1) The rate for brickwall shall be deemed to inclusive of the following:-                                                                 |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | a) Bonding tie and brick reinforcement                                                                                                    |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | b) Damp-proof course and grout infill                                                                                                     |    |     |        |                  |        |                  |        |                  |
|         |                                                                                            | c) All other items as described in the preamble of brickwork                                                                              |    |     |        |                  |        |                  |        |                  |
|         | <u>Cement and sand brick as described bedded in cement mortar (1:3) with plasticiser:-</u> |                                                                                                                                           |    |     |        |                  |        |                  |        |                  |
| 5/3/1/A |                                                                                            | Half brickwall (115mm thick) reinforced with and including a layer of Exmet 65mm wide at every forth course                               | M2 | 29  | 50.00  | 1,450.00         | 100.00 | 1,450.00         |        | 1450.00          |



|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |        |                  |                  |                 |        |                 |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|------------------|------------------|-----------------|--------|-----------------|
| 5/5/1/A | 1) Shop drawing is required to be submitted for approval prior commencement of works<br><b>DESIGN, MODIFY AND REUSE EXISTING METAL DECK ROOFING SYSTEM</b><br>Design and install metal deck roofing system (approximately 23m2) laid to fall to 5 degree pitch by modifying existing metal deck roofing system including roof truss, purlin, etc. dismantled from existing building complete with all fixing accessories, air cut, frame together and fixed in position as per Engineer's approval<br>(Dismantling of existing roof truss and metal deck measured separately)                                                                                                                                                                                                                                                              | Item       |        |                  |                  | 3,000.00        | 100.00 | 3000.00         |
|         | <b>TOTAL ELEMENT NO. 5 - ROOF</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |        |                  |                  | <b>3,000.00</b> |        | <b>3,000.00</b> |
|         | <b>ELEMENT NO. 6 - DOOR</b><br><b>(ALL PROVISIONAL)</b><br><b>REUSE EXISTING DOOR</b><br><u>To install existing door dismantled from existing building:-</u><br>Timber door overall size 1000mm wide x 2400mm high<br>PVC door overall size 750mm wide x 2100mm high<br><b>METAL DOOR FRAME</b><br>Approved metal door frame (minimum 1mm thick) complete with stainless steel SUS304 hinges in position, column or wall ties, striker plate, spreaded bar, etc.; complete system fill in frame with cement and sand (1:3) mortar fixed strictly as per Manufacturer's instructions and Architect's approval:-<br>Frame to suit single leaf timber door overall size 1000mm wide x 2400mm high; fixed to 150mm thick brick wall<br>Frame to suit single leaf PVC door overall size 750mm wide x 2100mm high; fixed to 100mm thick dry wall | NO.<br>NO. | 2<br>5 | 100.00<br>100.00 | 200.00<br>500.00 |                 |        |                 |
| 5/6/1/A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO.        | 2      | 130.00           | 260.00           |                 | 100.00 | 260.00          |
| 5/6/1/D |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NO.        | 5      | 100.00           | 500.00           |                 | 100.00 | 500.00          |
|         | <b>TOTAL ELEMENT NO. 6 - DOOR</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |        |                  | <b>1,460.00</b>  |                 |        | <b>760.00</b>   |
|         | <b>ELEMENT NO. 7 - IRONMONGERIES</b><br><b>(ALL PROVISIONAL)</b><br><u>Note:-</u><br>1) The Contractor shall breakdown his prices in the boxes provided<br>2) The rate of ironmongery shall be inclusive of all fixing accessories<br>3) Adjustment will be made to the rate accordingly based on the actual cost except the fixing cost (i.e. Item b)<br><b>IRONMONGERY</b><br>"ISO 826235359" or other approved equivalent privacy cylindrical lock                                                                                                                                                                                                                                                                                                                                                                                      | NO.        | 7      | 70.00            | 490.00           |                 |        |                 |
| 5/7/1/A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |        |                  | <b>490.00</b>    |                 |        |                 |
|         | <b>TOTAL ELEMENT NO. 7 - IRONMONGERIES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |        |                  |                  |                 |        |                 |
|         | <b>ELEMENT NO. 8 - WALL FINISHES</b><br><b>(ALL PROVISIONAL)</b><br><b>PLASTERWORK</b><br><u>Note:-</u><br>1) The rate for plasterwork shall inclusive of:-<br>a) PVC angle beads for all corners (i.e. window, door and wall corner)<br>b) uPVC throating / water drip<br>c) Fibreglass mesh tape / exmet or any other approved treatment for the joint between cement and sand plaster and skim coat finishing<br>d) Plaster to fall at external edge of window                                                                                                                                                                                                                                                                                                                                                                          |            |        |                  |                  |                 |        |                 |





|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |     |    |        |                 |        |                 |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|--------|-----------------|--------|-----------------|
| 5/8/1/A  | Cement and sand (1:3) with an approved plasticiser externally finished with a wood float:-<br>20mm (min) Plainface to wall and column                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2  | 37 | 50.00  | 1,850.00        | 100.00 | 1850.00         |
| 5/8/1/B  | Cement and sand (1:3) with an approved plasticiser internally finished with a steel trowel:-<br>20mm (min) Plainface to wall and column                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M2  | 51 | 50.00  | 2,550.00        | 100.00 | 2550.00         |
|          | <b>TOTAL ELEMENT NO. 8 - WALL FINISHES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |    |        | <b>4,400.00</b> |        | <b>4,400.00</b> |
| 5/9/1/A  | <b>ELEMENT NO. 9 - FLOOR FINISHES</b><br><b>(ALL PROVISIONAL)</b><br><b>PAVING</b><br><b>Note:-</b><br>1) The rate shall inclusive one layer wire mesh for cement and sand screed thickness 50mm and above<br><b>Cement and sand (1:3) finished with a steel/ wood trowel to smooth/ semi-smooth/ wet polished finish; including falls and crossfalls:-</b><br>25mm (min) Paving; including to fall and crossfall<br>13mm (min) Finish to drop 50mm high<br>13mm (min) Finish to drop 25mm high<br><b>WATERPROOFING</b><br><b>Note:-</b><br>1) Unless otherwise measured separately, the rates of waterproofing items shall be deemed to inclusive of the cost to carry out ponding and leakage test to all areas or structures treated with waterproofing system.<br>2) The measurement for waterproofing shall be measured in square metres irrespective of width or height including drop and upturn<br>3) The Contractor and waterproofing manufacturer and applicator shall jointly provide the ten (10) years warranty in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract<br><b>"SIKA" or other approved equivalent waterproofing system including preparing surfaces, priming and laying, working around floor trap outlet, pipe inlet/outlet, pipe penetration, etc.; complete system all as per Manufacturer's specification and instruction and Architect's approval</b><br><b>Apply 2 coats "Sika Top Seal 107 RED" 2-part polymer modified cementitious waterproofing and protective coating system at 1.0kg/m2/coat directly onto well prepared and cleaned surfaces and apply "Sikalastic 110" polyurethane liquid applied seamless waterproofing coating system to all floor trap:-</b><br>To floor, wall, upturn and drop including working around floor traps outlet, pipe inlet/outlet, pipe penetration, etc. (All Toilet)<br>25mm x 25mm cement and sand angle fillet all around vertical and horizontal joints | M2  | 15 | 40.00  | 600.00          | 100.00 | 600.00          |
| 5/9/1/B  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M   | 2  | 5.00   | 10.00           | 100.00 | 10.00           |
| 5/9/1/C  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M   | 4  | 5.00   | 20.00           | 100.00 | 20.00           |
| 5/9/2/A  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M2  | 25 | 50.00  | 1,250.00        | 100.00 | 1250.00         |
| 5/9/2/B  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | M   | 38 | 15.00  | 570.00          | 100.00 | 570.00          |
|          | <b>TOTAL ELEMENT NO. 9 - FLOOR FINISHES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |    |        | <b>2,450.00</b> |        | <b>2,450.00</b> |
| 5/10/1/A | <b>ELEMENT NO. 10 SANITARY WARES AND FITTINGS</b><br><b>(ALL PROVISIONAL)</b><br><b>REUSE EXISTING SANITARY WARES</b><br><b>Note:-</b><br>1) The rate of installing existing sanitary wares and fittings shall be inclusive of all fixing accessories, joints, connection to supply, waste and overflow pipe<br><b>To install existing sanitary wares dismantled from existing building including all fixing accessories, connection to supply, etc.:-</b><br>Water closet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NO. | 5  | 100.00 | 500.00          |        |                 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |     |    |        |                 |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----|----|--------|-----------------|--|--|
| 5/10/1/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Urinal bowl        | NO. | 2  | 80.00  | 160.00          |  |  |
| 5/10/1/C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Hand bidet         | NO. | 5  | 20.00  | 100.00          |  |  |
| 5/10/1/D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Toilet roll holder | NO. | 5  | 20.00  | 100.00          |  |  |
| 5/10/1/E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Basin tap          | NO. | 3  | 20.00  | 60.00           |  |  |
| <b>SANITARY WARES AND FITTINGS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                    |     |    |        |                 |  |  |
| <b>Note:-</b><br>1) The Contractor shall breakdown his prices in the boxes provided<br>2) The rate of sanitary wares and fittings shall be inclusive of all fixing accessories, joints, connection to supply, waste and overflow pipe<br>3) Adjustment will be made to the rate accordingly based on the actual cost except the Fixing & Other Cost All Inclusive (i.e. Item b)<br><b>Supply and fix the following sanitary wares, fittings and accessories including moving, handling, and storing within site</b><br>"Orin SMART 500" 500mm x 388mm x 175mm high wall hung basin complete with fixing bolts including "Orin" 32mm PVC bottle trap and waste or other approved equivalent<br>"Orin VA-SG-1010" or other approved equivalent size 150mm x 150mm stainless steel floor trap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |     |    |        |                 |  |  |
| 5/10/1/F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | NO. | 3  | 310.00 | 930.00          |  |  |
| 5/10/2/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | NO. | 6  | 45.00  | 270.00          |  |  |
| <b>TOTAL ELEMENT NO. 10 SANITARY WARES AND FITTINGS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |     |    |        | <b>2,120.00</b> |  |  |
| <b>ELEMENT NO. 11 - PAINTING AND DECORATION (ALL PROVISIONAL)</b><br><b>Note:-</b><br>1) The Contractor and paint manufacturer and applicator shall jointly provide a seven (7) years warranty for exterior paint in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract<br>2) Colour scheme shall be submitted for Architect's approval.<br>3) The measurement of painting to wall shall be square metres to irrespective of the height of wall<br><b>WALL AND CEILING</b><br>Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5100 Wall Sealer", styrene acrylic water-based primer and two finishing coats of "Nippon Weatherbond", pure acrylic weather resistant paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction, externally:-<br>Surfaces of plastered wall and column<br>Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5300 Basecoat", acrylic copolymer water-based base coat and two finishing coats of "Nippon Matex Pro", acrylic copolymer emulsion paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction, internally:-<br>Surfaces of plastered wall and column<br>Surfaces of dry wall<br><b>METAL WORKS</b><br>Prepare and apply paint "Nippon Paint" system comprising of one coat primer (shop primed by others), one coat of "Nippon Economy Undercoat" quick dry oil-modified alkyd based and two finishing coats of "Nippon 9000 Gloss Finish" fungus resistant oil-modified alkyd enamel paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction:-<br>Surfaces of door frame exceeding 150mm and not exceeding 300mm girth |                    |     |    |        |                 |  |  |
| 5/11/1/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | M2  | 37 | 20.00  | 740.00          |  |  |
| 5/11/1/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | M2  | 51 | 8.00   | 408.00          |  |  |
| 5/11/1/C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | M2  | 29 | 8.00   | 232.00          |  |  |
| 5/11/1/D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    | M   | 36 | 10.00  | 360.00          |  |  |
| <b>TOTAL ELEMENT NO. 11 - PAINTING AND DECORATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |     |    |        | <b>1,740.00</b> |  |  |

(ALL PROVISIONAL)

a) The rate / price for demolition and hacking works shall be inclusive of the following:-

- i) Removal of debris to Contractor's own dump site
- ii) All precaution and protection works
- iii) All safety measures and temporary support
- b) Contractor to provide clear marking on site of all items required for demolition as indicated in the drawings for confirmation by S.O. prior to commencement of demolition works
- c) All dimensions provided in the drawings and bills of quantities are indicative only. Contractor is required to visit the Site to determine the exact extend of the work. In this respect, Contractor is not entitled to claim for extra cost or time whatsoever

3/12/1A | To hack and demolish existing temporary toilet and making good to match existing upon completion of works

Any other items of works not specifically mentioned above but is shown on drawings or specification, or are required to be carried out for completion of the Works to the approval of the Architect and the authorities (Please specify):-

5/12/1/B

5/12/11C

5/12/1/D

**TOTAL ELEMENT NO. 12 - DEMOLITION WORKS**

|  |                                                     |  |  |  |  |           |   |
|--|-----------------------------------------------------|--|--|--|--|-----------|---|
|  | TOTAL ELEMENT NO. 1 - WORK BELOW LOWEST FLOOR LEVEL |  |  |  |  |           |   |
|  | TOTAL ELEMENT NO. 2 - FRAME                         |  |  |  |  | 10,101.00 | - |
|  | TOTAL ELEMENT NO. 3 - EXTERNAL WALL                 |  |  |  |  | 2,541.50  | - |
|  | TOTAL ELEMENT NO. 4 - INTERNAL WALL AND PARTITION   |  |  |  |  | 1,450.00  | - |
|  | TOTAL ELEMENT NO. 5 - ROOF                          |  |  |  |  | 2,329.00  | - |
|  | TOTAL ELEMENT NO. 6 - DOOR                          |  |  |  |  | 3,000.00  | - |
|  | TOTAL ELEMENT NO. 7 - IRONMONGERIES                 |  |  |  |  | 1,460.00  | - |
|  | TOTAL ELEMENT NO. 8 - WALL FINISHES                 |  |  |  |  | 490.00    | - |
|  | TOTAL ELEMENT NO. 9 - FLOOR FINISHES                |  |  |  |  | 4,400.00  | - |
|  | TOTAL ELEMENT NO. 10 SANITARY WARES AND FITTINGS    |  |  |  |  | 2,450.00  | - |
|  | TOTAL ELEMENT NO. 11 - PAINTING AND DECORATION      |  |  |  |  | 2,120.00  | - |
|  | TOTAL ELEMENT NO. 12 - DEMOLITION WORKS             |  |  |  |  | 1,740.00  | - |
|  |                                                     |  |  |  |  | 4,000.00  | - |
|  | TOTAL BILL NO. 5 - TEMPORARY TOILET                 |  |  |  |  |           | - |
|  |                                                     |  |  |  |  | 36,081.50 | - |
|  |                                                     |  |  |  |  | 27,031.50 | - |



SHAH ALAM CHINESE METHODIST CHURCH-RENOVATION WORKS  
BILL NO. 6 - EXTERNAL WORKS

| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Description | Unit | Qty | NSKCE                   |           | TLA         |           | Remarks |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|-----|-------------------------|-----------|-------------|-----------|---------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |      |     | Final Tender Submission |           | QS Proposal |           |         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |      |     | Rate                    | Amount    | Rate        | Amount    |         |
| <div>ELEMENT NO. 1 - DEMOLITION WORKS<br/>(ALL PROVISIONAL)<br/>Specification And General Labour Clauses:-<br/>For Description and Materials, Workmanship and General Labour Clauses applicable to this bill, see "Bill No. 2 - Specification &amp; Preambles".<br/>Note:-<br/>a) The rate / price for demolition and hacking works shall be inclusive of the following:-<br/>i) Removal of debris to Contractor's own dump site<br/>ii) All precaution and protection works<br/>iii) All safety measures and temporary support<br/>b) Contractor to provide clear marking on site of all items required for demolition as indicated in the drawings for confirmation by S.O. prior to commencement of demolition works<br/>c) All dimensions provided in the drawings and bills of quantities are indicative only. Contractor is required to visit the Site to determine the exact extend of the work. In this respect, Contractor is not entitled to claim for extra cost or time whatsoever</div> |             |      |     |                         |           |             |           |         |
| <div>DEMOLITION WORK<br/>To hack and demolish existing kerb along perimeter fencing (approximately 33m)<br/>To break up existing macadam premix road (approximately 6m2)<br/>To hack and demolish existing brick fencing (approximately 6m) at the location of new entrance gate<br/>To remove tree stump next to existing pump house including backfilling soil to required level (1 No.)<br/>To remove trees at spot turfing area along perimeter fencing including backfilling soil to required level (5 No.)<br/>To remove trees at the location of new entrance gate outside of building including backfilling soil to required level (2 No.)<br/>To remove existing road marking all as per Architect's Drawing No. GA(A)-02</div>                                                                                                                                                                                                                                                             |             |      |     |                         |           |             |           |         |
| 6/11/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 400.00    |             | 400.00    |         |
| 6/11/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 300.00    |             | 300.00    |         |
| 6/11/C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 500.00    |             | 500.00    |         |
| 6/11/D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 300.00    |             | 300.00    |         |
| 6/11/E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 2,000.00  |             | 2,000.00  |         |
| 6/11/F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 1,500.00  |             | 1,500.00  |         |
| 6/11/G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 1,000.00  |             | 1,000.00  |         |
| 6/11/H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 1,200.00  |             | 1,200.00  |         |
| 6/12/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 1,000.00  |             | 1,000.00  |         |
| 6/12/B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | M    | 9   | 300.00                  | 2,700.00  | 300.00      | 2,700.00  |         |
| 6/12/C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 8,000.00  |             | 8,000.00  |         |
| 6/12/D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 5,000.00  |             | 5,000.00  |         |
| 6/12/E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 2,000.00  |             | 2,000.00  |         |
| 6/12/F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 4,000.00  |             | 4,000.00  |         |
| 6/12/G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 800.00    |             | 800.00    |         |
| 6/12/H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             | Item |     |                         | 800.00    |             | 800.00    |         |
| 6/12/J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |      |     |                         |           |             |           |         |
| 6/12/K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |      |     |                         |           |             |           |         |
| 6/12/L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |      |     |                         |           |             |           |         |
| TOTAL ELEMENT NO. 1 - DEMOLITION WORKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |      |     |                         | 31,500.00 |             | 31,500.00 |         |







|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |       |                    |       |                    |  |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|--------------------|-------|--------------------|--|
| 6/5/1/A            | ELEMENT NO. 5 - TURFING<br>(ALL PROVISIONAL)<br><u>TURFING</u><br>Note:<br>1) The rate for turfing shall be inclusive of: maintenance for 3 months after Practical Completion<br>Turves as described including trim, level and grades surfaces, 50mm black vegetable soil and watering, attending until firmly establish and replacing badly grown areas as directed by the Architect:<br>Spot turfing<br>M2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24 | 40.00 | 960.00             | 40.00 | 960.00             |  |
|                    | TOTAL ELEMENT NO. 5 - TURFING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |       | 960.00             |       | 960.00             |  |
| 6/6/1/A<br>6/6/1/B | ELEMENT NO. 6 - PAINTING AND DECORATION<br>(ALL PROVISIONAL)<br>Note:-<br>1) The Contractor and paint manufacturer and applicator shall jointly provide a seven (7) years warranty for exterior paint in favour of the Employer or any other parties assigned by the Employer commencing from the Date of Certificate of Practical Completion of Main Contract<br>2) Colour scheme shall be submitted for Architect's approval.<br>3) The measurement of painting to wall shall be square metres to irrespective of the height of wall<br><u>REPAINTING TO EXISTING</u><br>Prepare and apply paint "Nippon Paint" system comprising of one coat of "Nippon Vinilex 5100 Wall Sealer" styrene acrylic water-based primer and two finishing coats of "Nippon Weatherbond", pure acrylic weather resistant paint or other approved equivalent including all necessary surface preparation for repainting to existing, all in accordance to Architect's approval and to the manufacturer's instruction, externally:-<br>Surfaces of existing perimeter brick fence wall<br>Surfaces of external wall of existing pump house<br>Item<br>Item |    |       | 4,000.00<br>300.00 |       | 4,000.00<br>300.00 |  |
|                    | TOTAL ELEMENT NO. 6 - PAINTING AND DECORATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |    |       | 4,300.00           |       | 4,300.00           |  |

|  |                                         |  |  |            |  |            |  |
|--|-----------------------------------------|--|--|------------|--|------------|--|
|  | ELEMENT NO. 1 - DEMOLITION WORKS        |  |  | 31,500.00  |  | 31,500.00  |  |
|  | ELEMENT NO. 2 - HOSE REEL TANK PLINTH   |  |  | 4,320.00   |  | 3,826.50   |  |
|  | ELEMENT NO. 3 - MILD STEEL FOLDING GATE |  |  | 15,000.00  |  | 15,000.00  |  |
|  | ELEMENT NO. 4 - ROAD WORKS              |  |  | 64,012.00  |  | 58,906.00  |  |
|  | ELEMENT NO. 5 - TURFING                 |  |  | 960.00     |  | 960.00     |  |
|  | ELEMENT NO. 6 - PAINTING AND DECORATION |  |  | 4,300.00   |  | 4,300.00   |  |
|  | TOTAL BILL NO. 6 - EXTERNAL WORKS       |  |  | 120,092.00 |  | 114,492.50 |  |



| Item | Description                                                           | Unit | Qty | Rate       | Amount     |
|------|-----------------------------------------------------------------------|------|-----|------------|------------|
|      | PROVISIONAL SUM                                                       |      |     |            |            |
|      | (ALL PROVISIONAL)                                                     |      |     |            |            |
|      | Contingencies Sum (Ringgit Malaysia: One Hundred Fifty Thousand Only) | sum  | 1   | 150,000.00 | 150,000.00 |



CONTRACT DOCUMENTATION - RATE RATIONALIZATION

| Item                                                                                           | Description                                                                                                                | Unit | Qty | NSKCE                   |          | TLA    |             | Difference | Remarks                                                                                           |        |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------|-----|-------------------------|----------|--------|-------------|------------|---------------------------------------------------------------------------------------------------|--------|
|                                                                                                |                                                                                                                            |      |     | Final Tender Submission |          | Rate   | QS Proposal |            |                                                                                                   |        |
|                                                                                                |                                                                                                                            |      |     | Rate                    | Amount   |        | Amount      |            |                                                                                                   | Amount |
| BILL NO. 1 - PRELIMINARIES                                                                     |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| 1/65                                                                                           | Contractor's All Risks Insurance                                                                                           |      |     |                         | 3,000.00 |        | 3,647.92    | 647.92     | As per receipt submitted                                                                          |        |
| 1/67                                                                                           | Employer's Liability and Workmens' Compensation Insurance                                                                  |      |     |                         | -        |        | 900.40      | 900.40     | As per receipt submitted                                                                          |        |
| 1/73                                                                                           | Performance Bond                                                                                                           |      |     |                         | 2,000.00 |        | 1,874.18    | (125.82)   | Pending for receipt                                                                               |        |
| 1/74                                                                                           | Supplementary Clause - Construction Industry Development Board Malaysia (CIDB)                                             |      |     |                         | 2,000.00 |        | 2,100.00    | 100.00     | As per receipt submitted                                                                          |        |
|                                                                                                | TOTAL BILL NO. 1 - PRELIMINARIES                                                                                           |      |     |                         | 7,000.00 |        | 8,522.50    | 1,522.50   |                                                                                                   |        |
| BILL NO. 4 - MAIN BUILDING WORKS                                                               |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR LEVEL                                                  |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| HARDCORE                                                                                       |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| Crusher run blinded with sand as described; spread, levelled, well consolidated and watered    |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| 4/2/1/D                                                                                        | 230mm Bed beneath non-suspended ground slab                                                                                | M2   | 17  | 60.00                   | 1,020.00 | 50.00  | 850.00      | (170.00)   | Rate is too high as compared to other tenderers                                                   |        |
| CONCRETE WORK                                                                                  |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| CONCRETE                                                                                       |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| Quality control concrete Grade 10:-                                                            |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| 4/2/1/E                                                                                        | 50mm Bed as blinding beneath footing, including all necessary formwork                                                     | M2   | 32  | 60.00                   | 1,920.00 | 30.00  | 960.00      | (960.00)   | Rate is too high as compared to other tenderers                                                   |        |
| 4/2/2/A                                                                                        | 50mm Bed as blinding beneath ground beam including all necessary formwork                                                  | M2   | 1   | 60.00                   | 60.00    | 30.00  | 30.00       | (30.00)    | Rate is too high as compared to other tenderers                                                   |        |
| 4/2/2/B                                                                                        | 50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork                                   | M2   | 17  | 60.00                   | 1,020.00 | 30.00  | 510.00      | (510.00)   | Rate is too high as compared to other tenderers                                                   |        |
| Quality control reinforced vibrated concrete Grade 30:-                                        |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| 4/2/2/F                                                                                        | 305mm Non-suspended ground slab (Staircase 1)                                                                              | M2   | 5   | 130.00                  | 650.00   | 122.00 | 610.00      | (40.00)    | Propose all G30 concrete to be consistent at RM400/M3                                             |        |
| 4/2/2/G                                                                                        | 230mm Non-suspended ground slab (Staircase 1)                                                                              | M2   | 13  | 100.00                  | 1,300.00 | 92.00  | 1,196.00    | (104.00)   | Propose all G30 concrete to be consistent at RM400/M3                                             |        |
|                                                                                                | TOTAL ELEMENT NO. 2 - WORK BELOW LOWEST FLOOR LEVEL                                                                        |      |     |                         | 5,970.00 |        | 4,156.00    | (1,814.00) |                                                                                                   |        |
| ELEMENT NO. 3 - FRAME                                                                          |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| PLANTING BAR                                                                                   |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| To provide labour, tools and material to drilling holes and to install rebar with Hilti RE500. |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| V3 epoxy for the following:-                                                                   |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| 4/3/2/A                                                                                        | 16mm Diameter reinforcement bar (measured separately) embedded approximately 150mm length into existing concrete structure | NO.  | 4   | 60.00                   | 240.00   | 50.00  | 200.00      | (40.00)    | Propose rate to be consistent with item 4/3/2/B due to the very small difference in material cost |        |
| 4/3/2/B                                                                                        | 12mm Diameter reinforcement bar (measured separately) embedded approximately 150mm length into existing concrete structure | NO.  | 20  | 50.00                   | 1,000.00 | 50.00  | 1,000.00    | -          |                                                                                                   |        |
|                                                                                                | TOTAL ELEMENT NO. 3 - FRAME                                                                                                |      |     |                         | 1,240.00 |        | 1,200.00    | (40.00)    |                                                                                                   |        |
| ELEMENT NO. 4 - EXTERNAL WALL                                                                  |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| CONCRETE WORK                                                                                  |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| CONCRETE                                                                                       |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| Quality control reinforced vibrated concrete Grade 30:-                                        |                                                                                                                            |      |     |                         |          |        |             |            |                                                                                                   |        |
| 4/4/1/B                                                                                        | 200mm Fin wall                                                                                                             | M2   | 65  | 100.00                  | 6,500.00 | 80.00  | 5,200.00    | (1,300.00) | Propose all G30 concrete to be consistent at RM400/M3                                             |        |
|                                                                                                | TOTAL ELEMENT NO. 4 - EXTERNAL WALL                                                                                        |      |     |                         | 6,500.00 |        | 5,200.00    | (1,300.00) |                                                                                                   |        |



## CONTRACT DOCUMENTATION - RATE RATIONALIZATION



CONTRACT DOCUMENTATION - RATE RATIONALIZATION

| Item                                                                                                                                                                                                                                                                                                               | Description                                                                                                                                                                                                                                                                                                                                      | Unit | Qty | NSKCE                   |          | TLA         |          | Difference | Remarks                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-------------------------|----------|-------------|----------|------------|-------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |      |     | Final Tender Submission |          | QS Proposal |          |            |                                                                               |
|                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                  |      |     | Rate                    | Amount   | Rate        | Amount   |            |                                                                               |
| ELEMENT NO. 7 - UPPER FLOOR CONSTRUCTION                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| CONCRETE WORK                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| CONCRETE                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| Quality control reinforced vibrated concrete Grade 30:-                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| 4/7/1/A                                                                                                                                                                                                                                                                                                            | 230mm Suspended slab                                                                                                                                                                                                                                                                                                                             | M2   | 45  | 95.00                   | 4,275.00 | 92.00       | 4,140.00 | (135.00)   | Propose all G30 concrete to be consistent at RM400/M3                         |
| 4/7/1/D                                                                                                                                                                                                                                                                                                            | 50mm Ramp slab                                                                                                                                                                                                                                                                                                                                   | M2   | 1   | 50.00                   | 50.00    | 20.00       | 20.00    | (30.00)    | Propose all G30 concrete to be consistent at RM400/M3                         |
| 4/7/1/E                                                                                                                                                                                                                                                                                                            | 125mm wide x 150mm high concrete kerb including all necessary formwork as per Engineer's Drawing No. TDC/H7463/2B/02/REV.0 and TDC/H7463/IB/02/REV.0 (Reinforcement measured separately)                                                                                                                                                         | M    | 63  | 40.00                   | 2,520.00 | 50.00       | 3,150.00 | 630.00     | Rate inconsistent with item 5/1/2/E & F                                       |
| TOTAL ELEMENT NO. 7 - UPPER FLOOR CONSTRUCTION                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         | 6,845.00 |             | 7,310.00 | 465.00     |                                                                               |
| ELEMENT NO. 10 - DOORS                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| CARPENTRY AND JOINERY                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| Approved 40mm thick hollow core timber flush door complete with 4.6mm thick plywood on both sides complete with edging with timber lipping all around all as per Manufacturer's instruction and Architect's Drawing No. TYPE/DE-01. :- (Butt hinges measured separately):-                                         |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| 4/10/1/A                                                                                                                                                                                                                                                                                                           | D1 - Double leaves door overall size 1800mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-01 (Meeting Space)                                                                                                                                                                                                                         | NO.  | 2   | 200.00                  | 400.00   | 450.00      | 900.00   | 500.00     | Rate is too low, our supply rate of RM290/No. is higher than your all in rate |
| 4/10/1/B                                                                                                                                                                                                                                                                                                           | D2 - Single leaf door overall size 1000mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-01 (Pantry, Care Taker, Event Room, Library, Prayer Room and Counseling Room)                                                                                                                                                                | NO.  | 10  | 120.00                  | 1,200.00 | 235.00      | 2,350.00 | 1,150.00   | Rate is too low, our supply rate of RM142/No. is higher than your all in rate |
| 4/10/1/C                                                                                                                                                                                                                                                                                                           | D6 - Single leaf door overall size 1200mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-02 (Corridor)                                                                                                                                                                                                                                | NO.  | 1   | 130.00                  | 130.00   | 250.00      | 250.00   | 120.00     | Rate is too low, our supply rate of RM152/No. is higher than your all in rate |
| Approved 40mm thick hollow core timber flush door complete with 4.6mm thick plywood on one side and 4.6mm thick WBP plywood on another side complete with edging with timber lipping all around all as per Manufacturer's instruction and Architect's Drawing No. TYPE/DE-01:- (Butt hinges measured separately):- |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| 4/10/1/D                                                                                                                                                                                                                                                                                                           | D3 - Single leaf door overall size 800mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-01 (Toilet 1 and Toilet 2)                                                                                                                                                                                                                    | NO.  | 4   | 160.00                  | 640.00   | 240.00      | 960.00   | 320.00     | Rate is too low, our supply rate of RM145/No. is higher than your all in rate |
| 4/10/1/E                                                                                                                                                                                                                                                                                                           | D5 - Single leaf door overall size 1000mm wide x 2400mm high as per Architect's Drawing No. DR(SCH)-02 (Disabled Toilet, Female Toilet and Male Toilet)                                                                                                                                                                                          | NO.  | 3   | 160.00                  | 480.00   | 240.00      | 720.00   | 240.00     | Rate is too low, our supply rate of RM145/No. is higher than your all in rate |
| TOTAL ELEMENT NO. 10 - DOORS                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         | 2,850.00 |             | 5,180.00 | 2,330.00   |                                                                               |
| ELEMENT NO. 11 - IRONMONGERIES                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| IRONMONGERY                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         |          |             |          |            |                                                                               |
| 4/11/1/A                                                                                                                                                                                                                                                                                                           | "ISEO 200N602S Euro Profile" 60mm mortise entrance lock complete with "ISEO 816935359 High Security F6" 70mm single thumb turn cylinder with nickel finish and "EUROMASTER Plaza EM7622/SQSS" tube lever handle or other approved equivalent (Meeting Space, Pantry, Care Taker, Event Room, Library, Prayer Room, Counseling Room and Corridor) | NO.  | 13  | 154.00                  | 2,002.00 | 250.00      | 3,250.00 | 1,248.00   | Rate is too low as compared to other tenders                                  |
| 4/11/2/A                                                                                                                                                                                                                                                                                                           | "EUROMASTER EMH533/SS" door hinge overall size 127mm x 76mm x 3mm with 4 ball bearing or other approved equivalent (All Toilet, Meeting Space, Pantry, Care Taker, Event Room, Library, Prayer Room, Counseling Room and Corridor)                                                                                                               | NO.  | 88  | 66.00                   | 5,808.00 | 50.00       | 4,400.00 | (1,408.00) | Rate is too high, supply rate for hinges is RM26/No.                          |
| TOTAL ELEMENT NO. 11 - IRONMONGERIES                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                  |      |     |                         | 7,810.00 |             | 7,650.00 | (160.00)   |                                                                               |



CADANGAN TAMBAHAN DAN PINDAAN KEPADA SEBUAH GEREJA DUA TINGKAT SEDIA ADA DAN SATU TEMPAT PEMBUANGAN SAMPAH DI NO. 7, PERSIARAN ANGGERIK VANILLA, SEKSYEN 31, 40460 SHAH ALAM, SELANGOR DARUL EHSAN

CONTRACT DOCUMENTATION - RATE RATIONALIZATION

| Item     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Unit | Qty | NSKCE                        |            | TLA    |            | Difference | Remarks                             |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|------------------------------|------------|--------|------------|------------|-------------------------------------|
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |     | Final Tender Submission Rate | Amount     | Rate   | Amount     |            |                                     |
| 4/12/4/A | ELEMENT NO. 12 - WALL FINISHES<br><b>BRICK VENEER</b><br>Supply and install "SUZUKA BL-6101" or other approved equivalent brick veneer laid to pattern, bedded in tile adhesive, jointed and pointed in "SUZUKA GM-16" or other approved equivalent grouting including cement and sand (1:3) screeded backing all to the Manufacturer's instruction and Architect's drawings and approval<br>Finish to wall, slab, soffit of slab and coping, externally                                                                                                                                                                                                                                                            | M2   | 505 | 350.00                       | 176,750.00 | 340.00 | 171,700.00 | (5,050.00) |                                     |
|          | TOTAL ELEMENT NO. 12 - WALL FINISHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |     |                              | 176,750.00 |        | 171,700.00 | (5,050.00) |                                     |
| 4/13/7/B | <b>WATERPROOFING</b><br>"SIKA" or other approved equivalent waterproofing system including preparing surfaces, priming and laying, working around floor trap outlet, pipe inlet/outlet, pipe penetration, etc.: complete system all as per Manufacturer's specification and instruction and Architect's approval<br>Apply 2 coats "Sika Top Seal 107 RED" 2-part polymer modified cementitious waterproofing and protective coating system at 1.0kg/m2/coat directly onto well prepared and cleaned surfaces and apply "Sikalastic 110" polyurethane liquid applied seamless waterproofing coating system to all floor trap:-<br>25mm x 25mm cement and sand angle fillet all around vertical and horizontal joints | M    | 82  | 20.00                        | 1,640.00   | 15.00  | 1,230.00   | (410.00)   | Rate inconsistent with item 5/9/2/B |
|          | TOTAL ELEMENT NO. 13 - FLOOR FINISHES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                              | 1,640.00   |        | 1,230.00   | (410.00)   |                                     |
| 4/14/1/B | ELEMENT NO. 14 - CEILING<br><b>PLASTERWORK</b><br>Approved ready-mixed cement based plaster / skim coat applied all in accordance with manufacturer's instruction:-<br>3mm (min) Plaster to concrete sides and soffit, internally                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M2   | 14  | 10.00                        | 140.00     | 15.00  | 210.00     | 70.00      | Rate inconsistent with item 4/6/2/J |
|          | TOTAL ELEMENT NO. 14 - CEILING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      |     |                              | 140.00     |        | 210.00     | 70.00      |                                     |
|          | TOTAL BILL NO. 4 - MAIN BUILDING WORKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |     |                              | 212,426.00 |        | 212,636.00 | 210.00     |                                     |



CONTRACT DOCUMENTATION - RATE RATIONALIZATION

| Item                                                | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit | Qty | NSKCE                   |          | TLA         |          | Difference | Remarks                                                                            |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-------------------------|----------|-------------|----------|------------|------------------------------------------------------------------------------------|
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     | Final Tender Submission |          | QS Proposal |          |            |                                                                                    |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     | Rate                    | Amount   | Rate        | Amount   | Amount     |                                                                                    |
| BILL NO. 5 - TEMPORARY TOILET                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| ELEMENT NO. 1 - WORK BELOW LOWEST FLOOR LEVEL       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| HARDCORE                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| 5/1/1/B                                             | Crusher run blinded with sand as described; spread, levelled, well consolidated and watered<br>150mm Bed beneath non-suspended ground slab                                                                                                                                                                                                                                                                                                                                                                    | M2   | 17  | 80.00                   | 1,360.00 | 40.00       | 680.00   | (680.00)   | Rate is too high as compared to other tenderers                                    |
| CONCRETE WORK                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| CONCRETE                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| 5/1/1/C                                             | Quality control concrete Grade 10:-<br>50mm Bed as blinding beneath non-suspended ground slab; including all necessary formwork                                                                                                                                                                                                                                                                                                                                                                               | M2   | 17  | 50.00                   | 850.00   | 30.00       | 510.00   | (340.00)   | Rate is too high as compared to other tenderers                                    |
| 5/1/2/C                                             | Quality control reinforced vibrated concrete Grade 30:-<br>75mm Ramp slab                                                                                                                                                                                                                                                                                                                                                                                                                                     | M2   | 1   | 50.00                   | 50.00    | 30.00       | 30.00    | (20.00)    | Propose all G30 concrete to be consistent at RM400/M3                              |
| 5/1/2/D                                             | Extra Over for forming thickening to underside of slab for an additional depth of 425mm and an average width of 663mm (Reinforcement measured separately)                                                                                                                                                                                                                                                                                                                                                     | M3   | 4   | 400.00                  | 2,000.00 | 400.00      | 1,600.00 | (400.00)   | Amend arithmetical error                                                           |
| FORMWORK                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| 5/1/2/N                                             | Use and waste of sawn formwork as described:-<br>To edge of concrete exceeding 500mm high but not exceeding 1000mm high                                                                                                                                                                                                                                                                                                                                                                                       | M    | 17  | 55.00                   | 935.00   | 50.00       | 850.00   | (85.00)    | Rate inconsistent with item 4/2/3/N                                                |
| TOTAL ELEMENT NO. 1 - WORK BELOW LOWEST FLOOR LEVEL |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         | 5,195.00 |             | 3,670.00 | (1,525.00) |                                                                                    |
| ELEMENT NO. 3 - EXTERNAL WALL                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| BRICKWORK                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| 5/3/1/A                                             | Cement and sand brick as described bedded in cement mortar (1:3) with plasticiser:-<br>Half brickwall (115mm thick) reinforced with and including a layer of Exmet 65mm wide at every forth course                                                                                                                                                                                                                                                                                                            | M2   | 29  | 60.00                   | 1,740.00 | 50.00       | 1,450.00 | (290.00)   | Rate for cement and sand brick should be cheaper than clay brick (BQ Item 4/4/2/E) |
| TOTAL ELEMENT NO. 3 - EXTERNAL WALL                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         | 1,740.00 |             | 1,450.00 | (290.00)   |                                                                                    |
| ELEMENT NO. 4 - INTERNAL WALL AND PARTITION         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| BRICKWORK                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| 5/4/1/E                                             | Cement and sand brick as described bedded in cement mortar (1:3) with plasticiser:-<br>Half brickwall (115mm thick) reinforced with and including a layer of Exmet 65mm wide at every forth course                                                                                                                                                                                                                                                                                                            | M2   | 8   | 60.00                   | 480.00   | 50.00       | 400.00   | (80.00)    | Rate for cement and sand brick should be cheaper than clay brick (BQ Item 4/4/2/E) |
| DRY WALL PARTITION                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
| 5/4/2/A                                             | Dry wall partition fixed with and including steel stud framing, countersunk/self-drilling screws, noggings, furring channel, touch up joint, additional framing and boarding for forming opening for door/window, surface preparation to receive painting (measured separately) strictly in accordance with manufacturer's instruction:-<br>101mm Dry wall partition (approximately) cladded both side with 12.7mm thick "USG Boral Fibrock Aqua-Tough" or other approved equivalent plasterboard; internally | M2   | 14  | 10.00                   | 140.00   | 100.00      | 1,400.00 | 1,260.00   | RM10/m2 is insufficient to cover for material cost                                 |
| TOTAL ELEMENT NO. 4 - INTERNAL WALL AND PARTITION   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         |          |             |          |            |                                                                                    |
|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |     |                         | 620.00   |             | 1,800.00 | 1,180.00   |                                                                                    |





CADANGAN TAMBAHAN DAN PINDAAN KEPADA SEBUAH GEREJA DUA TINGKAT SEDIA ADA DAN SATU UNIT TEMPAT PEMBUANGAN SAMPAH DI NO. 7, PERSIARAN ANGGERIK VANILLA, SEKSYEN 31, 40460 SHAH ALAM, SELANGOR DARUL EHSAN

CONTRACT DOCUMENTATION - RATE RATIONALIZATION

| Item     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | Qty | NSKCE                        |          | TLA    |                    | Difference | Remarks                                               |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|------------------------------|----------|--------|--------------------|------------|-------------------------------------------------------|
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |     | Final Tender Submission Rate | Amount   | Rate   | QS Proposal Amount |            |                                                       |
| 5/11/1/D | ELEMENT NO. 11 - PAINTING AND DECORATION<br><br>METAL WORKS<br>Prepare and apply paint "Nippon Paint" system comprising of one coat primer (shop primed by others), one coat of "Nippon Economy Undercoat" quick dry oil-modified alkyd based and two finishing coats of "Nippon 9000 Gloss Finish" fungus resistant oil-modified alkyd enamel paint or other approved equivalent all in accordance to Architect's approval and to the manufacturer's instruction:-<br>Surfaces of door frame exceeding 150mm and not exceeding 300mm girth | M    | 36  | 20.00                        | 720.00   | 10.00  | 360.00             | (360.00)   | Rate inconsistent with item 4/16/3/A                  |
|          | TOTAL ELEMENT NO. 11 - PAINTING AND DECORATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |     |                              | 720.00   |        | 360.00             | (360.00)   |                                                       |
|          | TOTAL BILL NO. 5 - TEMPORARY TOILET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |     |                              | 8,275.00 |        | 7,280.00           | (995.00)   |                                                       |
|          | BILL NO. 6 - EXTERNAL WORKS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |     |                              |          |        |                    |            |                                                       |
|          | ELEMENT NO. 2 - HOSE REEL TANK PLINTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |     |                              |          |        |                    |            |                                                       |
| 6/2/1/B  | HARDWARE<br>Crusher run blinded with sand as described; spread, levelled, well consolidated and watered<br>150mm Bed beneath non-suspended ground slab                                                                                                                                                                                                                                                                                                                                                                                      | M2   | 5   | 80.00                        | 400.00   | 40.00  | 200.00             | (200.00)   | Rate is too high as compared to other tenderers       |
| 6/2/1/C  | CONCRETE WORK<br>CONCRETE<br>Quality control reinforced vibrated concrete Grade 30:-<br>300mm Plinth slab                                                                                                                                                                                                                                                                                                                                                                                                                                   | M2   | 5   | 150.00                       | 750.00   | 120.00 | 600.00             | (150.00)   | Propose all G30 concrete to be consistent at RM400/M3 |
| 6/2/1/E  | REINFORCEMENT<br>High tensile steel rod reinforcement as described in:-<br>Plinth slab<br>12mm Diameter rod                                                                                                                                                                                                                                                                                                                                                                                                                                 | KG   | 44  | 6.00                         | 264.00   | 5.50   | 242.00             | (22.00)    | Rate inconsistent with item 4/2/3/B                   |
| 6/2/2/A  | Plinth<br>12mm Diameter rod                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | KG   | 102 | 6.00                         | 612.00   | 5.50   | 561.00             | (51.00)    | Rate inconsistent with item 4/2/3/B                   |
| 6/2/2/B  | 10mm Diameter rod                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | KG   | 29  | 6.00                         | 174.00   | 5.50   | 159.50             | (14.50)    | Rate inconsistent with item 4/2/3/C                   |
| 6/2/2/D  | FORMWORK<br>Use and waste of sawn formwork as described:-<br>To sides of plinth                                                                                                                                                                                                                                                                                                                                                                                                                                                             | M2   | 8   | 70.00                        | 560.00   | 63.00  | 504.00             | (56.00)    | Rate inconsistent with item 4/2/3/A                   |
|          | TOTAL ELEMENT NO. 2 - HOSE REEL TANK PLINTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |     |                              | 2,760.00 |        | 2,266.50           | (493.50)   |                                                       |



CADANGAN TAMBAHAN DAN PINDAAN KEPADA SEBUAH GEREJA DUA TINGKAT SEDIA ADA DAN SATU UNIT TEMPAT PEMBUANGAN SAMPAH DI NO. 7, PERSIARAN ANGERIK VANILLA, SEKSYEN 31, 40460 SHAH ALAM, SELANGOR DARUL EHSAN

CONTRACT DOCUMENTATION - RATE RATIONALIZATION

| Item                                  | Description                                                                                                                                                                              | Unit | Qty   | NSKCE                   |           | TLA         |           | Difference | Remarks                                         |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------------------|-----------|-------------|-----------|------------|-------------------------------------------------|
|                                       |                                                                                                                                                                                          |      |       | Final Tender Submission |           | QS Proposal |           |            |                                                 |
|                                       |                                                                                                                                                                                          |      |       | Rate                    | Amount    | Rate        | Amount    |            |                                                 |
| <b>ELEMENT NO. 4 - ROAD WORKS</b>     |                                                                                                                                                                                          |      |       |                         |           |             |           |            |                                                 |
| <b>ROADS</b>                          |                                                                                                                                                                                          |      |       |                         |           |             |           |            |                                                 |
| 6/4/1/B                               | Excavate to road formation level not exceeding 1.00m deep, get out, load, spread level, compact and remove surplus excavate material from site                                           | M3   | 48    | 110.00                  | 5,280.00  | 80.00       | 3,840.00  | (1,440.00) | Rate inconsistent with item 6/2/1/A             |
| 6/4/1/C                               | Grade over surface of excavation and filling to gradient, crossfall and rolled as described                                                                                              | M2   | 94    | 20.00                   | 1,880.00  | 10.00       | 940.00    | (940.00)   | Rate is too high as compared to other tenderers |
| 6/4/1/F                               | 65mm (Finished thickness) layer of asphaltic concrete as binder course (ACBC28), spread, levelled and rolled to fall and chamfers including prime coat to road base as described         | M2   | 94    | 40.00                   | 3,760.00  | 30.00       | 2,820.00  | (940.00)   | Rate is too high as compared to item 6/4/2/B    |
| 6/4/2/A                               | 40mm (Finished thickness) layer of asphaltic concrete as wearing course (ACWC20), spread, levelled and rolled to falls and chamfers including applying bituminous tack-coat as described | M2   | 94    | 40.00                   | 3,760.00  | 21.00       | 1,974.00  | (1,786.00) | Rate inconsistent with item 6/4/2/B             |
| <b>Resurfacing of existing road</b>   |                                                                                                                                                                                          |      |       |                         |           |             |           |            |                                                 |
| <b>The following to external road</b> |                                                                                                                                                                                          |      |       |                         |           |             |           |            |                                                 |
| 6/4/2/B                               | 40mm (Finished thickness) layer of asphaltic concrete as wearing course (ACWC20), spread, levelled and rolled to falls and chamfers including applying bituminous tack-coat as described | M2   | 1,306 | 21.00                   | 27,426.00 | 21.00       | 27,426.00 | -          |                                                 |
|                                       | <b>TOTAL ELEMENT NO. 4 - ROAD WORKS</b>                                                                                                                                                  |      |       |                         | 42,106.00 |             | 37,000.00 | (5,106.00) |                                                 |
|                                       | <b>TOTAL BILL NO. 6 - EXTERNAL WORKS</b>                                                                                                                                                 |      |       |                         | 44,866.00 |             | 39,266.50 | (5,599.50) |                                                 |

