

PB/CMU/Q/2025-2026/02

**ONE (1) YEAR TERM CONTRACT FOR BUILDING REPAIR WORKS AT POLITEKNIK BRUNEI, LUMUT  
CAMPUS, BELAIT DISTRICT**

| Item       | Description  | Unit           | Rate      |
|------------|--|----------------|-----------|
|            | <b><u>BUILDING GENERAL REPAIRWORK</u></b>  |                |           |
| <b>A</b>   | <b>CLEARING</b>  |                |           |
| <b>A1</b>  | Clear any vegetation, grass, shrubs, bushes, stone, boulder and the like; clear all debris offsite or at S.O discretion  | m <sup>2</sup> | \$ 1.00   |
| <b>B</b>   | <b>CUTTING</b>   |                |           |
|            | Cut down large tress including grubbing up roots and filling voids with imported fills   |                |           |
| <b>B1</b>  | < 150mm ø  | no             | \$ 250.00 |
| <b>B2</b>  | 150mm - 300mm ø  | no             | \$ 400.00 |
| <b>B3</b>  | > 300mm ø  | no             | \$ 650.00 |
| <b>C</b>   | <b>DEMOLITION AND ALTERATION</b>   |                |           |
|            | Break-up concrete including cutting and bending of reinforcement; dispose off site; all necessary excavation and backfilling; make good all work disturbed in material to match existing                         |                |           |
|            | Reinforced concrete substructures, ground slabs including removing any finishes and sub base under   |                |           |
| <b>C1</b>  | 100mm thick  | m <sup>2</sup> | \$ 8.00   |
| <b>C2</b>  | 150mm thick  | m <sup>2</sup> | \$ 10.00  |
| <b>C3</b>  | 200mm thick  | m <sup>2</sup> | \$ 12.00  |
| <b>C4</b>  | 250mm thick  | m <sup>2</sup> | \$ 15.00  |
| <b>C5</b>  | 300mm thick  | m <sup>2</sup> | \$ 18.00  |
|            | Reinforced concrete structures, slabs, walls and the like including removing any finishes  |                |           |
| <b>C6</b>  | 100mm thick  | m <sup>2</sup> | \$ 8.00   |
| <b>C7</b>  | 150mm thick  | m <sup>2</sup> | \$ 10.00  |
| <b>C8</b>  | 200mm thick  | m <sup>2</sup> | \$ 12.00  |
| <b>C9</b>  | 300mm thick  | m <sup>2</sup> | \$ 18.00  |
| <b>C10</b> | <u>Strip off or removal of and dispose off site roof finishes</u><br>Waterproof membrane roof finishes and cleaning surfaces using appropriate solvent to bare concrete<br>Flat roof, side and bottom of gutters | m <sup>2</sup> | \$ 2.00   |
| <b>C11</b> | Roof structure and finishes complete with all flashing, underlaying roofing paper, insulation, weld mesh and members/trusses   | m <sup>2</sup> | \$ 11.00  |
| <b>C12</b> | Roof finishes complete with all flashing, underlaying roofing paper, insulation and weld mesh  | m <sup>2</sup> | \$ 8.00   |
| <b>C</b>   | <b>DEMOLITION AND ALTERATION</b>   |                |           |
| <b>C13</b> | <u>Remove metal cladding; clear all debris off site</u><br>wall cladding including metal or timber framing   | m <sup>2</sup> | \$ 2.50   |

|            |  |                |    |       |
|------------|--|----------------|----|-------|
| <b>C14</b> | <u>Remove and dispose offsite rainwater goods including all fittings and brackets</u>  |                |    |       |
|            | UPVC or metal gutter, downpipes etc  | m              | \$ | 1.50  |
| <b>C15</b> | Hack off concrete to remove gutter downpipe and make good works disturbed  | no             | \$ | 14.00 |
| <b>C16</b> | Metal, G.I or plastic gutters not exceeding 450mm girth  | m              | \$ | 1.50  |
| <b>C17</b> | Metal, G.I or plastic gutters exceeding 450mm girth  | m              | \$ | 1.50  |
|            | <u>Break up RC perimeter drain, sumps or kerbs, cutting and bending of reinforcement; dispose debris off site</u>  |                |    |       |
| <b>C18</b> | not exceeding 250mm  | m              | \$ | 4.00  |
| <b>C19</b> | 250mm - 300mm  | m              | \$ | 6.00  |
| <b>C20</b> | 300mm - 450mm  | m              | \$ | 7.00  |
| <b>C21</b> | 450mm - 600mm  | m              | \$ | 8.00  |
| <b>C22</b> | R.C. sump average size 600mm x 600mm wide  | no             | \$ | 30.00 |
|            | <u>Break up existing wall including finishes; provide opening including necessary temporary supports; make good works disturbed; clear debris off site</u> |                |    |       |
| <b>C23</b> | brickwall half brick thick   | m <sup>2</sup> | \$ | 6.00  |
| <b>C24</b> | brickwall one brick thick  | m <sup>2</sup> | \$ | 11.00 |
| <b>C25</b> | brickwall one and a half brick thick   | m <sup>2</sup> | \$ | 15.00 |
| <b>C26</b> | brickwall two brick thick  | m <sup>2</sup> | \$ | 18.00 |
| <b>C27</b> | Clear glass block  | m <sup>2</sup> | \$ | 10.00 |
| <b>C28</b> | Block wall   | m <sup>2</sup> | \$ | 7.00  |
|            | <u>Remove existing ceiling; clear all debris off site</u>  |                |    |       |
| <b>C29</b> | Softboard, hardboard, gypsum board, cement board or metal ceiling and the likes  | m <sup>2</sup> | \$ | 1.60  |
| <b>C30</b> | Softboard, hardboard, gypsum board, cement board or metal ceiling and the likes; complete with all framing or suspension system                            | m <sup>2</sup> | \$ | 2.00  |
| <b>C31</b> | Timber slate   | m <sup>2</sup> | \$ | 3.00  |
|            | <u>Remove existing fencing; clear all debris off site</u>  |                |    |       |
| <b>C32</b> | 1200mm high fencing  | m              | \$ | 2.00  |
| <b>C33</b> | 1800mm high fencing  | m              | \$ | 3.00  |
| <b>C34</b> | 1200mm high fencing post and bracing   | no             | \$ | 3.50  |
| <b>C35</b> | 1800mm high fencing post and bracing   | no             | \$ | 4.00  |
| <b>C</b>   | <b>DEMOLITION AND ALTERATION</b>   |                |    |       |
|            | <u>Remove and dispose off site timber, glass, aluminium doors and the like</u>   |                |    |       |
| <b>C36</b> | Single leaf  | no             | \$ | 4.00  |
| <b>C37</b> | Double equal leaf  | no             | \$ | 7.00  |
| <b>C38</b> | Double unequal leaf  | no             | \$ | 6.50  |
|            | <u>Remove and dispose off site timber, glass, aluminium doors and the like including frames and jambs</u>  |                |    |       |
| <b>C39</b> | Single leaf  | no             | \$ | 5.00  |
| <b>C40</b> | Double equal leaf  | no             | \$ | 8.00  |
| <b>C41</b> | Double unequal leaf  | no             | \$ | 7.50  |
|            | <u>Remove existing; clear debris off site and make good works disturbed</u>  |                |    |       |
| <b>C42</b> | Window including frame   | m <sup>2</sup> | \$ | 3.00  |
| <b>C43</b> | Safety grilles to door, windows and the like including frame   | m <sup>2</sup> | \$ | 2.00  |
| <b>C44</b> | Timber / Metal collapsible door, including track, frame, accessories   | m <sup>2</sup> | \$ | 4.00  |
| <b>C45</b> | Roller shutter c/w other associate accessories   | m <sup>2</sup> | \$ | 6.00  |
| <b>C46</b> | Flag pole complete with accessories and substructure   | no             | \$ | 25.00 |
|            | <u>Handrail consists top rail, bottom rail, intermediate rails and post including cutting and the like</u>   |                |    |       |
| <b>C47</b> | Corridor   | m              | \$ | 3.00  |
| <b>C48</b> | Staircase  | m              | \$ | 3.00  |

|             |  |                |    |        |
|-------------|--|----------------|----|--------|
| <b>C49</b>  | <u>Hack or take off existing wall or floor finishes; clear debris off site</u><br>Cement and sand screed and / or finishes to floor, skirting, landing, walls etc. and form keys, clean and wash to receive new finishes | m <sup>2</sup> | \$ | 5.00   |
| <b>C50</b>  | Floor carpet and the like complete with any underlay and remove any adhesive   | m <sup>2</sup> | \$ | 2.50   |
| <b>C51</b>  | <u>Remove existing fittings and fixtures; make good any works disturbed; clear debris off site</u><br>Timber low level cabinet not exceeding 900mm high x 700mm deep   | m              | \$ | 5.00   |
| <b>C52</b>  | Timber high level / wall hung cabinet not exceeding 900mm high x 700mm deep  | m              | \$ | 5.00   |
| <b>C53</b>  | Timber wardrobe up to ceiling height   | m              | \$ | 10.00  |
| <b>C54A</b> | <u>Remove existing fittings and fixtures; make good any works disturbed; clear debris off site</u><br>Timber partition   | m <sup>2</sup> | \$ | 5.00   |
| <b>C54B</b> | Timber partition including framing   | m <sup>2</sup> | \$ | 7.00   |
| <b>C55A</b> | Timber cabinets  | m <sup>2</sup> | \$ | 5.00   |
| <b>C55B</b> | Timber cabinets including framing  | m <sup>2</sup> | \$ | 7.00   |
| <b>C</b>    | <b>DEMOLITION AND ALTERATION</b>   |                |    |        |
| <b>C56</b>  | <u>Removal of existing Water Tank</u><br>Removal of existing HDPE water tank, including disconnect plumbing connection and disposal offsite.   | Lot            | \$ | 100.00 |
| <b>C57</b>  | Removal of existing Metal water tank, including disconnect plumbing connection and disposal offsite.   | Lot            | \$ | 100.00 |
| <b>C59</b>  | <u>Scupper drain</u><br>To hack and form shallow scupper drain 100-150mm wide including tiling if necessary and all necessary works  | m              | \$ | 10.00  |
| <b>D</b>    | <b>EARTH WORKS &amp; EXCAVATION</b>  |                |    |        |
| <b>D1</b>   | <u>Imported Fill</u><br>Selected imported dry earth consolidated in layers filling to make up levels   | m <sup>3</sup> | \$ | 5.00   |
| <b>D2</b>   | Backfilling around walls and foundations   | m <sup>3</sup> | \$ | 8.50   |
| <b>D3</b>   | Hardcore; filling to make up levels well consolidated over 300 mm thick  | m <sup>3</sup> | \$ | 50.00  |
| <b>D4</b>   | Hardcore; beds well consolidated<br>100 mm thick (average); blinding with sand / concrete  | m <sup>2</sup> | \$ | 6.50   |
| <b>D5</b>   | 150 mm thick (average); blinding with sand / concrete  | m <sup>2</sup> | \$ | 9.00   |
| <b>D</b>    | <b>EARTH WORKS &amp; EXCAVATION</b>  |                |    |        |
| <b>D6</b>   | <u>Sand consolidated in layers</u><br>over 300 mm thick  | m <sup>3</sup> | \$ | 30.00  |
| <b>D7</b>   | <u>Sand consolidated in layers</u><br>50 mm thick (average)  | m <sup>2</sup> | \$ | 2.50   |
| <b>D8</b>   | 75 mm thick (average)  | m <sup>2</sup> | \$ | 3.50   |
| <b>D9</b>   | 50mm - 75mm Top Soil   | m <sup>2</sup> | \$ | 3.00   |
| <b>D10</b>  | Close turfing using cow grass laying to flat ground  | m <sup>2</sup> | \$ | 3.50   |
| <b>D11</b>  | <u>General excavation depth and dispose off-site</u><br>average 100mm deep   | m <sup>2</sup> | \$ | 1.50   |
| <b>D12</b>  | average 200mm deep   | m <sup>2</sup> | \$ | 2.00   |
| <b>D13</b>  | over 300mm deep  | m <sup>3</sup> | \$ | 6.00   |
| <b>D14</b>  | <u>Excavate for footing and likes; dispose off-site</u><br>Light-weight machinery  | m <sup>3</sup> | \$ | 9.00   |
| <b>D15</b>  | Hand excavation in restricted area   | m <sup>3</sup> | \$ | 20.00  |

|            |   |                |           |
|------------|---|----------------|-----------|
| <b>E</b>   | <b>ROADWORKS</b>  |                |           |
|            | <u>Preparing, trimming, etc sub-grade formation to the required levels, gradients, falls or camber</u>  |                |           |
| <b>E1</b>  | to receive road bottoming, pavement or the like   | m <sup>2</sup> | \$ 1.60   |
|            | <u>Approved free-draining material (uncrushed stone); beds well consolidated, rolling with approved roller</u>                                |                |           |
| <b>E2</b>  | 150mm thick including extra labour laying to slopes, falls or chamber; blinding with sand   | m <sup>2</sup> | \$ 12.00  |
|            | <u>Bitumen tack coat; B.S. 3690; applied at the rate 2m<sup>2</sup> - 3m<sup>2</sup> per litre</u>  |                |           |
| <b>E3</b>  | applying on blinded road base surface   | m <sup>2</sup> | \$ 2.00   |
| <b>E4</b>  | applying on asphaltic concrete base course surface  | m <sup>2</sup> | \$ 2.00   |
| <b>E5</b>  | Asphaltic concrete base course; on road base; rolling with approved roller 60mm thick after consolidated; laying to slopes, falls and cambers | m <sup>2</sup> | \$ 27.00  |
| <b>E6</b>  | Asphaltic concrete wearing course; rolling with approved roller 40mm thick after consolidated; laying to slopes, falls and cambers            | m <sup>2</sup> | \$ 20.00  |
| <b>F</b>   | <b>INSITU CONCRETE &amp; FORMWORK</b>   |                |           |
| <b>F1</b>  | Supply and lay 50mm Grade 15 concrete blinding complete with formwork   | m <sup>2</sup> | \$ 6.00   |
|            | <u>Supply and lay concrete in structural works (column, beam, plinth, pile cap, step and staircase)</u>                                       |                |           |
| <b>F2</b>  | Grade 30  | m <sup>3</sup> | \$ 190.00 |
| <b>F3</b>  | Grade 40  | m <sup>3</sup> | \$ 220.00 |
|            | <u>Supply and lay Grade 25 concrete in slab / apron / wall; trowelled smooth</u>  |                |           |
| <b>F4</b>  | 100mm thick   | m <sup>2</sup> | \$ 19.00  |
| <b>F5</b>  | 150mm thick   | m <sup>2</sup> | \$ 28.00  |
| <b>F6</b>  | 200 mm thick  | m <sup>2</sup> | \$ 36.00  |
| <b>F7</b>  | 250 mm thick  | m <sup>2</sup> | \$ 42.00  |
|            | <u>Supply and lay Grade 30 concrete in slab / apron / wall; trowelled smooth</u>  |                |           |
| <b>F8</b>  | 100mm thick   | m <sup>2</sup> | \$ 22.00  |
| <b>F9</b>  | 150mm thick   | m <sup>2</sup> | \$ 30.00  |
| <b>F10</b> | 200 mm thick  | m <sup>2</sup> | \$ 38.00  |
| <b>F11</b> | 250 mm thick  | m <sup>2</sup> | \$ 44.00  |
| <b>G</b>   | <b>REINFORCEMENT</b>  |                |           |
|            | <u>Mild steel bar reinforcement to B.S 4449 to Concrete slabs, walls, beams, columns etc.</u>   |                |           |
| <b>G1</b>  | not exceeding 10mm Ø; links, stirrups, binders  | kg             | \$ 2.80   |
| <b>G2</b>  | 10 - 13mm Ø; links, stirrups, binders   | kg             | \$ 2.60   |
|            | <u>High tensile steel bar reinforcement to B.S 4449 to Concrete slabs, walls, beams, columns etc.</u>   |                |           |
| <b>G3</b>  | not exceeding 10mm Ø; general straight and bent bars  | kg             | \$ 2.70   |
| <b>G4</b>  | 10 - 13mm Ø; general straight and bent bars   | kg             | \$ 2.60   |
| <b>G5</b>  | 16 - 25mm Ø; general straight and bent bars   | kg             | \$ 2.75   |
| <b>G6</b>  | exceeding 25mm Ø; general straight and bent bars  | kg             | \$ 2.80   |
|            | <u>BRC steel fabric reinforcement to B.S 4483; well lapped at joints</u>  |                |           |
|            | Concrete slabs  |                |           |
| <b>G7</b>  | BRC reference A8  | m <sup>2</sup> | \$ 9.00   |
| <b>G8</b>  | BRC reference A7  | m <sup>2</sup> | \$ 8.00   |

|            |   |                |           |
|------------|---|----------------|-----------|
| <b>H</b>   | <b>SUNDRIES</b>   |                |           |
|            | <u>Waterproofing applied to surfaces of concrete</u><br>Lay monolithic brush on type CPRU approved waterproofing membrane and finished with 25mm thick cement and sand screed   |                |           |
| <b>H1</b>  | floor slabs   | m <sup>2</sup> | \$ 15.00  |
| <b>H2</b>  | walls   | m <sup>2</sup> | \$ 15.00  |
| <b>H3</b>  | flat roofs  | m <sup>2</sup> | \$ 15.00  |
| <b>H4</b>  | sides and bottom of gutters   | m <sup>2</sup> | \$ 16.00  |
| <b>H5</b>  | skirting not exceeding 150mm high overall   | m <sup>2</sup> | \$ 2.50   |
| <b>H6</b>  | Lay 5mm thick torch on waterproof membrane without granule surface and with approved torch on primer and minimum overlap of 200mm and roll joints of 150mm  | m <sup>2</sup> | \$ 20.00  |
| <b>H7</b>  | Lay 5mm thick torch on waterproof membrane without granule surface and with approved torch on primer and minimum overlap of 100mm and roll joints of 150mm  | m <sup>2</sup> | \$ 20.00  |
|            | <b><i>Warranty shall be issued by contractor, guaranteeing for the entire works including materials free from defects for a period of not less than five years)</i></b>   |                |           |
|            | <u>Expansion joints</u><br>Flexcell bitumen impregnated fibre board, sealed at top with Thioflex One polysulphide rubber sealant  |                |           |
| <b>H</b>   | <b>SUNDRIES</b>   |                |           |
|            | Walls and the like  |                |           |
| <b>H8</b>  | 12.5mm x 12.5mm   | m              | \$ 25.00  |
| <b>H9</b>  | 24mm x 24mm   | m              | \$ 28.00  |
| <b>H10</b> | 30mm x 30mm   | m              | \$ 30.00  |
| <b>H11</b> | Supply and install aluminium plate cover  | m              | \$ 12.00  |
| <b>I</b>   | <b>BRICKWORKS AND BLOCKWORKS</b>  |                |           |
|            | <u>Brickwork in first grade common bricks to S.S 103 bedded and jointed in cement mortar (1:3 mix) reinforced with Lysaght expanded metal blockwork reinforcement every third course</u>  |                |           |
| <b>I1</b>  | half brick thick 112mm thick  | m <sup>2</sup> | \$ 22.00  |
| <b>I2</b>  | one brick thick 225mm thick   | m <sup>2</sup> | \$ 42.00  |
|            | <u>Plastering to smooth finish including, groove and pattern design to S.O approval</u>   |                |           |
| <b>I3</b>  | 20mm thick to brickwall   | m <sup>2</sup> | \$ 10.00  |
| <b>I4</b>  | 13mm thick to soffit of slab  | m <sup>2</sup> | \$ 10.00  |
| <b>I5</b>  | 13mm thick to column and beam   | m <sup>2</sup> | \$ 10.00  |
| <b>I6</b>  | <u>Lightweight Block</u><br>Supply and install CSR autoclaved lightweight concrete block laid using CSR ALC thin bed adhesive including control joint tie (FBI) to be installed on every third course across 10mm wide control joints as per manufacture specification including plastering   | m <sup>2</sup> | \$ 55.00  |
|            | <u>Glass Block</u><br>Solaris Glasstein' flemish or cross-ribbed or other equal and approved glass blocks in cement and sand mortar mixed with 'Dribond' or other equal and approved bonding additive; complete with channels, expansion strips, packing, panel reinforcing, panel anchors and other items for complete installation in accordance to the manufacturer's recommendation |                |           |
| <b>I7</b>  | Approx block size: 150 x 150 x 80mm thick   | m <sup>2</sup> | \$ 200.00 |
| <b>I8</b>  | Approx block size: 190 x 190 x 80mm thick   | m <sup>2</sup> | \$ 230.00 |

|            |   |                |           |
|------------|---|----------------|-----------|
| <b>J</b>   | <b>ROOFING WORKS</b>  |                |           |
|            | <u>Supply and lay Kliplok Colorbond 0.53mm Hi-Ten or equivalent roofing sheet including KL65 fixing clip and accessories of selected standard colour, including all sides and end laps (measured net - no allowance for laps)</u> |                |           |
| <b>J1</b>  | Sloping roof  | m <sup>2</sup> | \$ 60.00  |
| <b>J2</b>  | type 1 standard ridge cappings  | m              | \$ 14.00  |
| <b>J3</b>  | type 2 plain edge ridge cappings notched and turned down  | m              | \$ 14.00  |
| <b>J4</b>  | type 3 longitudinal fascia cappings   | m              | \$ 9.00   |
| <b>J5</b>  | type 4 transverse fascia cappings notched and turned down   | m              | \$ 9.00   |
| <b>J6</b>  | type 5 longitudinal parapet flashings   | m              | \$ 11.00  |
| <b>J7</b>  | type 5 transverse parapet flashings notched and turned down   | m              | \$ 9.00   |
|            | <u>Supply and fix new</u>   |                |           |
| <b>J8</b>  | 50 x 50mm chicken wiremesh  | m <sup>2</sup> | \$ 0.80   |
| <b>J9</b>  | BRC 3315 / 3316 to roof   | m <sup>2</sup> | \$ 1.30   |
| <b>J10</b> | 25mm fibreglass insulation  | m <sup>2</sup> | \$ 1.30   |
|            | <u>Sisalation roofing paper</u>   |                |           |
| <b>J11</b> | Single-sided  | m <sup>2</sup> | \$ 0.90   |
| <b>J12</b> | Double-sided  | m <sup>2</sup> | \$ 1.30   |
| <b>J13</b> | Standard Kliplok Colorbond fascia board or approved equivalent 450mm wide; lightweight framing system complete with accessories   | m              | \$ 14.00  |
| <b>J14</b> | Repair to leaking ; metal roof ; with sealant to all bolt heads and leaking joints / gap and replacing /refixing existing ridge capping and tightening all roof connection and install new metal sheet/covering to close the gap. | m <sup>2</sup> | \$ 120.00 |
| <b>J15</b> | Repair to leaking ; metal roof ; with sealant to all bolt heads and leaking joints / gap and replacing /refixing existing ridge capping and tightening all roof connection.   | m              | \$ 70.00  |
| <b>J16</b> | Repair to leaking ; metal roof ; with sealant to all bolt heads and leaking joints to close the gap.  | m              | \$ 40.00  |
| <b>K</b>   | <b>RAINWATER GOODS</b>  |                |           |
|            | <u>UPVC rainwater downpipe with solvent welded joints complete with bends, branches; bracketed off walls with pipe clips and any necessary bends, branches, shoes etc.</u>  |                |           |
| <b>K1</b>  | 100mm diameter  | m              | \$ 13.00  |
| <b>K2</b>  | 150mm diameter  | m              | \$ 20.00  |
|            | Hack existing concrete or cut into metal gutter and cast into concrete including all necessary formwork   |                |           |
| <b>K3</b>  | 100mm diameter  | m              | \$ 15.00  |
| <b>K4</b>  | 150mm diameter  | m              | \$ 22.00  |
| <b>K</b>   | <b>RAINWATER GOODS</b>  |                |           |
| <b>K5</b>  | Refix and repair to loose / dented metal roof flashing / fascia including all accessories   | m              | \$ 3.00   |
| <b>K6</b>  | Ditto; UPVC gutter ; metal gutter with sealant to all bolt heads and leaking joints / gap.  | m              | \$ 20.00  |
| <b>K7</b>  | Ditto; UPVC gutter ; metal gutter with sealant to all bolt heads and leaking joints / gap and replacing and apply CPRU approved waterproofing coatings to surfaces internal of gutter   | m              | \$ 50.00  |

|             |   |                |          |
|-------------|---|----------------|----------|
| <b>L</b>    | <b>CARPENTRY WORKS</b>  |                |          |
|             | <u>Removal of existing timber and replace with new sawn, treated Kapur Bukit structural timbers; including 2 coats of wood preservative</u>   |                |          |
|             | Roof trusses, pitched roofs, ceiling joists, partition frame, batten and the like   |                |          |
| <b>L1</b>   | 50mm x 50mm (2" x 2")   | m              | \$ 2.50  |
| <b>L2</b>   | 50mm x 75mm (2" x 3")   | m              | \$ 3.50  |
| <b>L3</b>   | 50mm x 100mm (2" x 4")  | m              | \$ 5.00  |
| <b>L4</b>   | 50mm x 125mm (2" x 5")  | m              | \$ 6.00  |
| <b>L5</b>   | 50mm x 150mm (2" x 6")  | m              | \$ 7.00  |
|             | <u>Removal of existing timber and replace with new sawn, treated Kapur Bukit structural timbers; including 2 coats of wood preservative</u>   |                |          |
|             | Roof boards, fillets, grounds, batten, skirting, framing and the like   |                |          |
| <b>L6</b>   | 25mm x 25mm (1" x 1")   | m              | \$ 1.50  |
| <b>L7</b>   | 25mm x 50mm (1" x 2")   | m              | \$ 2.00  |
| <b>L8</b>   | 25mm x 75mm (1" x 3")   | m              | \$ 3.00  |
| <b>L9</b>   | 25mm x 100mm (1" x 4")  | m              | \$ 4.00  |
| <b>L10</b>  | 25mm x 150mm (1" x 6")  | m              | \$ 6.00  |
| <b>L11</b>  | 25mm x 200mm (1" x 8")  | m              | \$ 7.00  |
| <b>L12</b>  | 50mm x 200mm (2" x 8")  | m              | \$ 9.00  |
|             | <u>Removal of existing timber and replace with new wrought treated Kapur Bukit structural timbers; including 2 coats of wood preservative</u>   |                |          |
|             | Roof boards, fillets, grounds, batten, skirting, framing and the like   |                |          |
| <b>L13</b>  | 25mm x 25mm (1" x 1")   | m              | \$ 1.00  |
| <b>L14</b>  | 25mm x 50mm (1" x 2")   | m              | \$ 1.50  |
| <b>L15</b>  | 25mm x 75mm (1" x 3")   | m              | \$ 2.50  |
| <b>L16</b>  | 25mm x 100mm (1" x 4")  | m              | \$ 3.50  |
| <b>L17</b>  | 25mm x 150mm (1" x 6")  | m              | \$ 5.50  |
| <b>L18</b>  | 25mm x 200mm (1" x 8")  | m              | \$ 6.50  |
| <b>L19</b>  | 50mm x 200mm (2" x 8")  | m              | \$ 8.50  |
| <b>L</b>    | <b>CARPENTRY WORKS</b>  |                |          |
|             | <u>Removal of existing timber and replace with new wrought, treated Selangan Batu structural timbers; including 2 coats of wood preservative</u>  |                |          |
| <b>L20</b>  | 25mm x 200mm (1" x 8")  | m              | \$ 15.00 |
| <b>L21</b>  | 50mm x 50mm (2" x 2")   | m              | \$ 2.50  |
| <b>L22</b>  | 50mm x 75mm (2" x 3")   | m              | \$ 3.50  |
| <b>L23</b>  | 50mm x 100mm (2" x 4")  | m              | \$ 7.50  |
| <b>L24</b>  | 50mm x 125mm (2" x 5")  | m              | \$ 8.00  |
| <b>L25</b>  | 50mm x 150mm (2" x 6")  | m              | \$ 9.50  |
| <b>L26</b>  | 100mm x 100mm (4" x 4")   | m              | \$ 15.00 |
| <b>L27</b>  | 150mm x 150mm (6" x 6")   | m              | \$ 20.00 |
|             | <b>Ceiling and Wall boarding</b>  |                |          |
|             | <u>Supply and fix ceiling / wall to existing frame including taping and a 3mm coat of fine gypsum plaster at all joints</u>   |                |          |
| <b>L28</b>  | 6mm thick Gypsum board  | m <sup>2</sup> | \$ 18.00 |
| <b>L29</b>  | 9mm thick Gypsum board  | m <sup>2</sup> | \$ 21.00 |
| <b>L30</b>  | 12mm thick Gypsum board   | m <sup>2</sup> | \$ 23.00 |
| <b>L31</b>  | 5mm thick Superflux ceiling   | m <sup>2</sup> | \$ 18.00 |
| <b>L32</b>  | 5mm thick Duravent ceiling  | m <sup>2</sup> | \$ 20.00 |
|             | <u>Supply and fix ceiling / wall including GI framing system complete with all necessary runners, cross runners, wall angles, rod hangers and hanging wire taping and a 3mm coat of fine gypsum plaster at all joints</u> |                |          |
| <b>L33</b>  | 6mm thick Gypsum board  | m <sup>2</sup> | \$ 23.00 |
| <b>L34</b>  | 9mm thick Gypsum board  | m <sup>2</sup> | \$ 26.00 |
| <b>L35</b>  | 12mm thick Gypsum board   | m <sup>2</sup> | \$ 28.00 |
| <b>L36</b>  | 5mm thick Superflux ceiling   | m <sup>2</sup> | \$ 23.00 |
| <b>L37</b>  | 5mm thick Duravent ceiling  | m <sup>2</sup> | \$ 25.00 |
| <b>L38A</b> | Construction of timber partition consists of 50 x 100mm timber framing at 1200mm centre both way and lined both faces with 12mm plywood to BS1088   | m <sup>2</sup> | \$ 45.00 |

|             |   |                |           |
|-------------|---|----------------|-----------|
| <b>L38B</b> | Supply and fix 18 mm timber, plywood cabinets and the likes including all necessary works   | m <sup>2</sup> | \$ 35.00  |
| <b>L38C</b> | Supply and fix 12mm timber, plywood cabinets and the likes including all necessary works  | m <sup>2</sup> | \$ 24.00  |
| <b>L39</b>  | Construction of gypsum board partition consists of GI framing and lined both faces with 12mm gypsum board including filling all nail holes smooth, taping and plastering all joining                  | m <sup>2</sup> | \$ 28.00  |
| <b>L40</b>  | 9mm thick Masterclad for external wall  | m <sup>2</sup> | \$ 38.00  |
| <b>L</b>    | <b>CARPENTRY WORKS</b>  |                |           |
|             | Supply and fix plaster glass cornice  |                |           |
| <b>L41</b>  | 50mm thick  | m              | \$ 8.00   |
| <b>L42</b>  | 100mm thick   | m              | \$ 13.00  |
| <b>M</b>    | <b>JOINERY</b>  |                |           |
|             | <u>Parquet flooring</u><br>Teak mosaic parquet flooring to B.S 4050 fixed with bitumen based floor adhesive to cement and sand screed finished to receive polish<br>Floor, tread, risers and the like | m <sup>2</sup> | \$ 50.00  |
|             | <u>Remove existing and replace finishings in wrought treated Meranti</u><br>floor board with T & G  |                |           |
| <b>M2</b>   | 25mm x 75mm (1" x 3")   | m <sup>2</sup> | \$ 23.00  |
| <b>M3</b>   | 25mm x 100mm (1" x 4")  | m <sup>2</sup> | \$ 25.00  |
| <b>M4</b>   | 25mm x 150mm (1" x 6")  | m <sup>2</sup> | \$ 27.00  |
|             | <u>Doors</u><br>Solid panelled doors generally constructed in red meranti; complete with approved painting  |                |           |
| <b>M5</b>   | Single leaf   | no             | \$ 150.00 |
| <b>M6</b>   | Single leaf with size of less than 900mm x 2100mm   | no             | \$ 120.00 |
| <b>M7</b>   | Double equal leaf   | no             | \$ 300.00 |
| <b>M8</b>   | Double unequal leaf   | no             | \$ 230.00 |
|             | Solid panelled doors generally constructed in nyatoh; complete with approved painting   |                |           |
| <b>M9</b>   | Single leaf   | no             | \$ 250.00 |
| <b>M10</b>  | Double equal leaf   | no             | \$ 500.00 |
| <b>M11</b>  | Double unequal leaf   | no             | \$ 370.00 |
|             | Solid panelled doors generally constructed in double plywood; complete with approved for painting/formica covering  |                |           |
| <b>M11</b>  | Single leaf   | no             | \$ 120.00 |
| <b>M12</b>  | Double equal leaf   | no             | \$ 240.00 |
| <b>M13</b>  | Double unequal leaf   | no             | \$ 200.00 |
|             | Flush doors generally constructed in teak veneered plywood; complete with approved painting   |                |           |
| <b>M14</b>  | Single leaf   | no             | \$ 180.00 |
|             | UPVC doors complete with framing, jambs, hinges and any necessary fittings  |                |           |
| <b>M15</b>  | Plain   | no             | \$ 140.00 |
| <b>M16</b>  | Plain with size of less than 900mm x 2100mm   | no             | \$ 120.00 |
| <b>M17</b>  | Plain with ventilated louvres   | no             | \$ 150.00 |
| <b>M18</b>  | Decorative  | no             | \$ 160.00 |



|             |   |                |           |
|-------------|---|----------------|-----------|
| <b>M</b>    | <b>JOINERY</b>  |                |           |
|             | <u>Doors</u>  |                |           |
|             | UPVC doors only complete with hinges  |                |           |
| <b>M19</b>  | Plain   | no             | \$ 110.00 |
| <b>M20</b>  | Plain with size less than 900mm x 2100mm  | no             | \$ 95.00  |
| <b>M21</b>  | Plain with ventilated louvres   | no             | \$ 120.00 |
| <b>M22</b>  | Decorative  | no             | \$ 130.00 |
| <b>M23</b>  | UPVC jambs  | no             | \$ 50.00  |
|             | <u>Remove existing and replace with new finishings in wrought treated kapur bukit</u>   |                |           |
|             | Door frames, window frames and the like   |                |           |
| <b>M24</b>  | 38mm x 125mm  | m              | \$ 9.00   |
| <b>M25</b>  | 38mm x 150mm  | m              | \$ 10.00  |
| <b>M26</b>  | 38mm x 200mm  | m              | \$ 13.00  |
| <b>M27</b>  | 50mm x 125mm  | m              | \$ 10.00  |
| <b>M28</b>  | 50mm x 150mm  | m              | \$ 12.00  |
|             | <u>Remove existing and replace with new finishings in wrought treated red meranti</u>   |                |           |
|             | Door frames, window frames and the like   |                |           |
| <b>M29</b>  | 50mm x 100mm  | m              | \$ 6.00   |
| <b>M30</b>  | 50mm x 150mm  | m              | \$ 14.50  |
|             | <u>Formica 0.7mm thick plain laminated plastic sheet; fixing with a contact adhesive; color as per selected standard color</u>  |                |           |
| <b>M31A</b> | Timber surfaces   | m <sup>2</sup> | \$ 25.00  |
|             | <u>Formica 0.7mm thick decorative/pattern laminated plastic sheet; fixing with a contact adhesive; color as per selected standard color</u>   |                |           |
| <b>M31B</b> | Timber surfaces   | m <sup>2</sup> | \$ 41.00  |
|             | <u>Maica 0.88mm thick high pressure laminate sheet; fixing with a contact adhesive; colour as per selected standard colour</u>  |                |           |
| <b>M32</b>  | Timber surfaces   | m <sup>2</sup> | \$ 24.00  |
|             | <b>Fittings</b>   |                |           |
|             | <u>Construct new fittings and fixtures generally in wrought treated red meranti including assembling, fixing in position, plugging and screwing to brickworks or concrete, painting, decorating and ironmongery</u> |                |           |
| <b>M33</b>  | counter not exceeding 950mm high x 900mm width  | m              | \$ 235.00 |
| <b>M34</b>  | low level cabinet not exceeding 750mm high x 600mm width  | m              | \$ 210.00 |
| <b>M35</b>  | wall hung cabinet not exceeding 600mm high x 600mm width  | m              | \$ 195.00 |
| <b>M36</b>  | benches not exceeding 500mm high x 500mm width  | m              | \$ 185.00 |
| <b>M37</b>  | cabinet up to ceiling height with a width of 600mm and approx height of 3 m   | m              | \$ 550.00 |
| <b>M</b>    | <b>JOINERY</b>  |                |           |
|             | <u>Construct new fittings and fixtures generally in wrought treated nyatoh including assembling, fixing in position, plugging and screwing to brickworks or concrete, painting, decorating and ironmongery</u>      |                |           |
| <b>M38</b>  | counter not exceeding 950mm high x 900mm width  | m              | \$ 285.00 |
| <b>M39</b>  | low level cabinet not exceeding 750mm high x 600mm width  | m              | \$ 265.00 |
| <b>M40</b>  | wall hung cabinet not exceeding 600mm high x 600mm width  | m              | \$ 240.00 |
| <b>M41</b>  | benches not exceeding 500mm high x 500mm width  | m              | \$ 230.00 |
| <b>M42</b>  | cabinet up to ceiling height with a width of 600mm and approx height of 3 m   | m              | \$ 700.00 |
| <b>N</b>    | <b>IRON MONGERY</b>   |                |           |
|             | Supply and fix 100mm Heavy duty steel butt hinges to B.S 1227 fixed to timber with matching screws;   |                |           |
| <b>N1</b>   | stainless steel finish  | no             | \$ 6.00   |
| <b>N2</b>   | brass finish  | no             | \$ 2.00   |
| <b>N3</b>   | Supply and fix Union 8094 CH indicating bolt or equivalent approved   | no             | \$ 30.00  |

|            |  |                |           |
|------------|--|----------------|-----------|
| <b>N4</b>  | Supply and fix Figo 587 SS or approved equivalent push button knob cylindrical lockset in brush silver finish  | no             | \$ 30.00  |
| <b>N5</b>  | Supply and fix Figo 28A5 SN lever lockset or approved equivalent in brush silver finish  | no             | \$ 60.00  |
| <b>N6</b>  | Supply and fix 90mm Union 8056 barrel bolt   | no             | \$ 20.00  |
| <b>N7</b>  | Supply and fix 100mm Heavy duty steel butt hinges to B.S 1227 fixed to timber with matching screws;<br>Supply and fix 240mm Union 8056 barrel bolt                                       | no             | \$ 25.00  |
| <b>N8</b>  | Supply and fix Union 8850SE or approved equivalent door closer   | no             | \$ 140.00 |
| <b>N9</b>  | <u>Architectural Ironmongery fixed to timber or metal with matching screws</u><br>Push plates; kicking plates with holes for lockset<br>300mm x 200mm x 2mm                              | no             | \$ 30.00  |
| <b>N10</b> | 900mm x 200mm x 2mm  | no             | \$ 75.00  |
| <b>N</b>   | <b>IRON MONGERY</b>  |                |           |
|            | <b>Sundry Ironmongery</b>  |                |           |
| <b>N11</b> | Union 7400' Door stops or approved equivalent; fixing to walls or floors   | no             | \$ 11.00  |
| <b>N12</b> | Rubber Door stops; fixing to walls or floors   | no             | \$ 2.50   |
| <b>N13</b> | Anodised aluminium crescent lock for sliding window  | no             | \$ 3.00   |
| <b>N14</b> | Anodised aluminium lever lock for window   | no             | \$ 5.00   |
| <b>N15</b> | Mild steel dowels; letting into foot of timber frame / metal frame and concrete floor  | no             | \$ 1.20   |
| <b>O</b>   | <b>METAL WORKS</b>   |                |           |
|            | <u>Aluminium alloy windows, doors and screens generally to B.S.4873 complete with all necessary frame, neoprene gaskets, glazing, glazing beads, fixing devices and sealed all round</u> |                |           |
| <b>O1</b>  | Anodized aluminium door complete with frame, hinges, lockset and any necessary accessories   | m <sup>2</sup> | \$ 180.00 |
| <b>O2</b>  | Anodized aluminium door with 6mm thick half glass complete with frame, hinges, lockset and any necessary accessories   | m <sup>2</sup> | \$ 135.00 |
| <b>O3</b>  | Anodized aluminium louvers door complete with frame, hinges, lockset and any necessary accessories   | m <sup>2</sup> | \$ 190.00 |
| <b>O4</b>  | Fabricate and install clear and/or tinted glass sliding door with frame including glazing, glazing bead and neoprene gasket c/w lockset and fastener                                     | m <sup>2</sup> | \$ 90.00  |
| <b>O5</b>  | Fabricate and install swing door glazed with 6mm clear and/or tinted glass including glazing bead and neoprene gasket c/w frame, lockset and fastener                                    | m <sup>2</sup> | \$ 90.00  |
| <b>O6</b>  | <b>Powder coated aluminium door</b> glazed with 6mm clear <b>glass</b> c/w glazing beads including gaskets, waterproof cement grout all in accordance with manufacturer's detail         | m <sup>2</sup> | \$ 190.00 |
| <b>O7</b>  | Anodized aluminium alloy with frame; glazed with 5mm clear and/or light tinted glass, neoprene gasket and all accessories<br>Sliding window  | m <sup>2</sup> | \$ 75.00  |
| <b>O8</b>  | Fixed window   | m <sup>2</sup> | \$ 75.00  |
| <b>O9</b>  | Top hung   | m <sup>2</sup> | \$ 85.00  |
| <b>O10</b> | Casement window  | m <sup>2</sup> | \$ 85.00  |

|            |   |                |             |
|------------|---|----------------|-------------|
| <b>O</b>   | <b>METAL WORKS</b>  |                |             |
|            | <b>powder coated aluminium</b> extruded frame infilled with 6mm tinted <b>reflective glass</b> c/w glazing beads including gaskets, waterproof cement grout all in accordance with manufacturer's detail                                  |                |             |
| <b>O11</b> | Sliding Window  | m <sup>2</sup> | \$ 145.00   |
| <b>O12</b> | Fixed Window  | m <sup>2</sup> | \$ 145.00   |
| <b>O13</b> | Top Hung  | m <sup>2</sup> | \$ 175.00   |
| <b>O14</b> | Casement Window   | m <sup>2</sup> | \$ 175.00   |
|            | <b>Powder coated aluminium</b> extruded frame infilled with 6mm tinted <b>reflective glass</b> c/w glazing beads including gaskets, waterproof cement grout all in accordance with manufacturer's detail                                  |                |             |
| <b>O15</b> | Fabricate and install fixed new anodised aluminium louver panel with 150mm wide fixed louvers every 100mm centres complete with framing   | m <sup>2</sup> | \$ 190.00   |
| <b>O16</b> | Powder coated aluminium sun breaker including frame and other accessories   | m <sup>2</sup> | \$ 198.00   |
| <b>O17</b> | Fabricate and install Amplimesh aluminium security grille including framing   | m <sup>2</sup> | \$ 161.00   |
| <b>O18</b> | Fabricate and install sliding security grille to door consists of 25mm x 50mm RHS frame infilled with 9mm round MS bar c/w frame, hinges, lockets etc   | m <sup>2</sup> | \$ 72.00    |
| <b>O19</b> | Fabricate and install stainless steel sliding gate consists of 25mm x 50mm RHS frame infilled with 25mm SHS c/w frame, hinges, lockets etc  | m <sup>2</sup> | \$ 85.00    |
| <b>O20</b> | Fabricate and fix new aluminium roller shutter including electric motor with wiring and control panel   | m <sup>2</sup> | \$ 450.00   |
| <b>O21</b> | Fabricate and fix new aluminium roller shutter including connection to existing electric motor  | m <sup>2</sup> | \$ 300.00   |
| <b>O22</b> | Fabricate and fix new aluminium roller shutter (manual mechanism type) including all other accessories  | m <sup>2</sup> | \$ 300.00   |
| <b>O23</b> | Fabricate and fix new stainless steel flag pole 8000mm high; consists of 75mm diameter lower-half, 50mm diameter upper-half, 75mm diameter ball, tiltable bracket, pulley and all accessories   | no             | \$ 1,500.00 |
|            | <b>Metal Structures</b>   |                |             |
|            | <u>Removal of existing metal and replace with new mild steel columns, posts, trusses, purlins, rails, braces, ballusters and the like; base plate, bending, welded joints and all fixing accessories; provision of necessary supports</u> |                |             |
|            | - Square hollow section   |                |             |
| <b>O24</b> | 25mm x 25mm   | m              | \$ 4.00     |
| <b>O25</b> | 50mm x 50mm   | m              | \$ 7.00     |
| <b>O26</b> | 75mm x 75mm   | m              | \$ 10.00    |
| <b>O27</b> | 100mm x 100mm   | m              | \$ 15.00    |
| <b>O</b>   | <b>METAL WORKS</b>  |                |             |
|            | Rectangular hollow section  |                |             |
| <b>O28</b> | 50mm x 75mm   | m              | \$ 9.00     |
| <b>O29</b> | 50mm x 100mm  | m              | \$ 12.00    |
| <b>O30</b> | 75mm x 100mm  | m              | \$ 13.00    |
| <b>O31</b> | 75mm x 125mm  | m              | \$ 16.00    |
| <b>O32</b> | 100mm x 150mm   | m              | \$ 22.00    |
|            | Circular hollow section   |                |             |
| <b>O33</b> | 18mm Ø  | m              | \$ 4.00     |
| <b>O34</b> | 25mm Ø  | m              | \$ 6.00     |
| <b>O35</b> | 50mm Ø  | m              | \$ 11.00    |
| <b>O36</b> | 100mm Ø   | m              | \$ 20.00    |

|            |  |                |           |
|------------|--|----------------|-----------|
|            | <u>Removal of existing metal and replace with new galvanized iron columns, posts, trusses, purlins, rails, braces, ballusters and the like; base plate, bending, welded joints and all fixing accessories; provision of necessary supports</u> |                |           |
|            | - Circular hollow section  |                |           |
| <b>O37</b> | 18mm Ø   | m              | \$ 6.00   |
| <b>O38</b> | 25mm Ø   | m              | \$ 9.00   |
| <b>O39</b> | 50mm Ø   | m              | \$ 14.00  |
| <b>O40</b> | 75mm Ø   | m              | \$ 20.00  |
| <b>O41</b> | 100mm Ø  | m              | \$ 23.00  |
|            | <u>Removal of existing metal and replace with new stainless steel columns, posts, trusses, purlins, rails, braces, ballusters and the like; base plate, bending, welded joints and all fixing accessories; provision of necessary supports</u> |                |           |
|            | - Circular hollow section  |                |           |
| <b>O42</b> | 18mm Ø   | m              | \$ 19.00  |
| <b>O43</b> | 25mm Ø   | m              | \$ 27.00  |
| <b>O44</b> | 50mm Ø   | m              | \$ 33.00  |
| <b>O45</b> | 75mm Ø   | m              | \$ 38.00  |
| <b>O46</b> | 100mm Ø  | m              | \$ 48.00  |
|            | <u>Proprietary gratings, covers and frames</u>   |                |           |
|            | Fabricate and fix MS drain grating consists of 50 x 50mm MS angle framing infilled with 9mm MS bar at 38mm centre painted  |                |           |
| <b>O47</b> | not exceeding 200mm wide   | m              | \$ 20.00  |
| <b>O48</b> | not exceeding 250mm wide   | m              | \$ 25.00  |
| <b>O49</b> | not exceeding 300mm wide   | m              | \$ 30.00  |
| <b>O50</b> | not exceeding 330mm wide   | m              | \$ 33.00  |
| <b>O</b>   | <b>METAL WORKS</b>   |                |           |
|            | Fabricate and fix heavy duty MS grating with 75 x 75mm MS angle framing infilled with 12mm high tensile bar at 40mm centre painted   |                |           |
| <b>O51</b> | not exceeding 400mm wide   | m              | \$ 40.00  |
| <b>O52</b> | not exceeding 450mm wide   | m              | \$ 45.00  |
| <b>O53</b> | not exceeding 500mm wide   | m              | \$ 50.00  |
| <b>O54</b> | exceeding 500mm wide   | m              | \$ 60.00  |
|            | <u>Fabricate and install MS security grille to window consists of 25mm x 25mm SHS frame infilled with</u>  |                |           |
| <b>O55</b> | 9mm round bar in diamond pattern   | m <sup>2</sup> | \$ 85.00  |
| <b>O56</b> | 20mm x 4mm flat in brick pattern   | m <sup>2</sup> | \$ 85.00  |
| <b>O57</b> | Fabricate and install swing MS security grille to door consists of 25mm x 50mm RHS frame infilled with 9mm round MS bar c/w frame, hinges, lockets etc   | m <sup>2</sup> | \$ 95.00  |
| <b>O58</b> | Fabricate and install MS collapsible gate including running track, lockset, accessories  | m <sup>2</sup> | \$ 130.00 |
|            | <u>Fabricate and fix new metal handrail 1100mm high; complete with welded joints, plates, covering plates, bolts, cast into concrete; make good works disturbed</u>  |                |           |
|            | Mild steel handrail consists of 75mm x 50mm top rail and bottom rail and post at 2000mm centre with 9mm x 9mm solid MS baluster at 100mm c/c   |                |           |
| <b>O59</b> | Corridor   | m              | \$ 60.00  |
| <b>O60</b> | Staircase  | m              | \$ 62.00  |
|            | Stainless steel (Grade 316) handrail consists of 50mm top rail and post at 2000mm centres and 38mm bottom rail infilled with 18mm baluster at 100mm centre   |                |           |
| <b>O61</b> | Corridor   | m              | \$ 140.00 |
| <b>O62</b> | Staircase  | m              | \$ 142.00 |

|            |  |                |    |        |
|------------|--|----------------|----|--------|
| <b>O63</b> | Galvanized iron handrail consists of 50mm x 25mm top rail and bottom rail and post at 2000mm centre with 9mm x 9mm solid MS baluster at 100mm c/c  | m              | \$ | 80.00  |
| <b>O64</b> | Corridor<br>Staircase  | m              | \$ | 82.00  |
| <b>P</b>   | <b>WALL AND FLOOR FINISHES</b>   |                |    |        |
|            | INSITU FINISHES  |                |    |        |
|            | Cement and sand screed (1:3 mix) to receive finishes   |                |    |        |
| <b>P1</b>  | 13mm thick to walls  | m <sup>2</sup> | \$ | 6.50   |
| <b>P2</b>  | 25mm thick to concrete floor, walls etc; laid to fall if required  | m <sup>2</sup> | \$ | 8.00   |
| <b>P3</b>  | 38mm thick to concrete floor laid to fall  | m <sup>2</sup> | \$ | 11.00  |
| <b>P</b>   | <b>WALL AND FLOOR FINISHES</b>   |                |    |        |
|            | WALL TILES   |                |    |        |
|            | Supply and lay ceramic/homogenous wall tile 5mm thick of selected standard colour, laid with belcem cement additive or any equivalent approved   |                |    |        |
| <b>P4</b>  | 200mm x 200mm  | m <sup>2</sup> | \$ | 30.00  |
| <b>P5</b>  | 200mm x 300mm  | m <sup>2</sup> | \$ | 32.00  |
| <b>P6</b>  | 300mm x 300mm  | m <sup>2</sup> | \$ | 34.00  |
| <b>P7</b>  | 300mm x 600mm  | m <sup>2</sup> | \$ | 36.00  |
| <b>P7A</b> | Supply and lay ceramic/homogenous border wall tile 5mm thick of selected standard colour, laid with belcem cement additive or any equivalent approved  | m              | \$ | 25.00  |
|            | FLOOR TILES  |                |    |        |
|            | Supply and lay non-slip ceramic/homogenous floor tile of selected standard colour, bedded on Nicobond CT300 ceramic tile adhesive on cement and sand screed (measured separately) including grouting and pointing in Nicobond tiler's grout  |                |    |        |
| <b>P8</b>  | 200mm x 200mm x 8mm thk  | m <sup>2</sup> | \$ | 30.00  |
| <b>P9</b>  | 200mm x 300mm x 8mm thk  | m <sup>2</sup> | \$ | 32.00  |
| <b>P10</b> | 300mm x 300mm x 8mm thk  | m <sup>2</sup> | \$ | 34.00  |
| <b>P11</b> | 300mm x 600mm x 8mm thk  | m <sup>2</sup> | \$ | 38.00  |
| <b>P12</b> | 600mm x 600mm x 8mm thk  | m <sup>2</sup> | \$ | 45.00  |
| <b>P13</b> | Supply and fix new polypropylene sports flooring surfaces approx. size: 25cm x 25cm x 12.7mm or approved equivalent including painting, install strictly in accordance to manufacturer's recommendation<br>*Please state Alternative Brand: _____  | m <sup>2</sup> | \$ | 150.00 |
| <b>P14</b> | To prepare floor finish with <b>T &amp; G laminated floor</b> complete with necessary joining works including all other necessary works required as instructed by S.O.   | m <sup>2</sup> | \$ | 40.00  |
| <b>P15</b> | Supply and lay <b>Covacrete</b> or any technically approved equivalent which consist of preparation of existing surface, priming the surface, application of base coat (Lokcote CC & Resurfacing Powder) of estimated 3-5mm thickness, placing of the selected pattern stencil design, application of the top coat (selected colour) of recommended thickness (2-4mm), removal of stencil or tape, and finished with lustre seal sealer all done in accordance to manufacturer's specification | m <sup>2</sup> | \$ | 32.00  |
|            | FLOOR TILES  |                |    |        |
| <b>P16</b> | Ceramic/Homogeneous skirting tiles laid and jointed  | m              | \$ | 4.00   |
| <b>P17</b> | Ceramic/Homogenous nosing tiles in edging or steps laid and jointed  | m              | \$ | 4.00   |
| <b>P18</b> | Labour and chemical to clean floor and wall tile to S.O's satisfaction   | m <sup>2</sup> | \$ | 2.00   |

|            |  |                |             |
|------------|--|----------------|-------------|
| <b>P</b>   | <b>WALL AND FLOOR FINISHES</b>   |                |             |
|            | <b>CARPET FINISHES</b>   |                |             |
|            | Supply and lay loop-pile carpet with mass not less than 26oz/yd <sup>2</sup> laid on prepared screed using appropriate adhesive, joint carefully, matching edging c/w aluminium edging strip to door area  |                |             |
| <b>P19</b> | 26oz/yd <sup>2</sup>   | m <sup>2</sup> | \$ 30.00    |
| <b>P20</b> | 30 oz/yd <sup>2</sup>  | m <sup>2</sup> | \$ 38.00    |
| <b>P21</b> | 36 oz/yd <sup>2</sup>  | m <sup>2</sup> | \$ 44.00    |
| <b>P22</b> | 5mm rubber underlay as above   | m <sup>2</sup> | \$ 8.00     |
|            | <b>SLAB FINISHES</b>   |                |             |
| <b>P23</b> | Labour for carefully taking out existing loose or sunken paver block and stack aside for re-use  | m <sup>2</sup> | \$ 5.00     |
| <b>P24</b> | Select from stack and re-use existing paver block including jointing and compacting using sand   | m <sup>2</sup> | \$ 10.00    |
|            | <u>Pioneer Pavers high strength concrete interlocking paving blocks of selected standard patterns and colour, laid on sand beds including compacting and blinding joints</u>   |                |             |
| <b>P25</b> | 60mm thick laid to pattern   | m <sup>2</sup> | \$ 40.00    |
| <b>P26</b> | 125mm x 250mm high concrete kerb comprising with Grade 30 concrete, 2No 10mm Ø high tensile general reinforcement bar, 50mm thick Grade 15 concrete blinding including excavation work, formwork, fair finishes, angles  | m              | \$ 13.50    |
|            | <u>Damp proof courses; BS743 type 5B; well lapped</u>  |                |             |
| <b>P27</b> | horizontal; over 300mm wide  | m <sup>2</sup> | \$ 23.00    |
| <b>P28</b> | horizontal; 102.5mm wide   | m              | \$ 2.00     |
| <b>P29</b> | horizontal; 215mm wide   | m              | \$ 4.00     |
|            | <b>EXTERNAL WALL CLADDING</b>  |                |             |
| <b>P30</b> | Supply and fix into place new Alucore type of external cladding board or any technically approved equivalent including C-channel lightweight steel frames, corrosion resistant screw, metal angle, sealant at all joints and install as per manufacturer's recommendations | m <sup>2</sup> | \$ 200.00   |
| <b>Q</b>   | <b>FOOTBALL SURFACES</b>   |                |             |
|            | <u>Supply and install Synthetic Track; tested to DIN 18035 part 6</u>  |                |             |
|            | Rubber granule bonded by approved PU binder; water permeable, spike resistance, porous surface and all weather conditions.   |                |             |
| <b>Q1</b>  | 10 mm thick  | m <sup>2</sup> | \$ 30.00    |
| <b>Q</b>   | <b>FOOTBALL SURFACES</b>   |                |             |
| <b>Q2</b>  | 3mm thick of EPDM powder structural spray to form a rough texture surface; water permeable, spike resistance, porous surface and all weather conditions.   | m <sup>2</sup> | \$ 45.00    |
|            | <u>Supply and lay artificial turfing</u>   |                |             |
| <b>Q3</b>  | 30 mm artificial turfing for Soccer Field  | m <sup>2</sup> | \$ 35.00    |
| <b>Q4</b>  | 40 mm artificial turfing for Soccer Field  | m <sup>2</sup> | \$ 40.00    |
| <b>Q5</b>  | 54 mm artificial turfing for Soccer Field  | m <sup>2</sup> | \$ 55.00    |
|            | <b>SUNDRIES FOR FOOTBALL FIELD</b>   |                |             |
| <b>Q6</b>  | Supply and fix approved net - polyethylene nets for soccer goals<br>Provide marking using approved paint for cow grass football field  | nos            | \$ 300.00   |
| <b>Q7</b>  | Primary School   | 1 Lot          | \$ 1,500.00 |
| <b>Q8</b>  | Secondary School   | 1 Lot          | \$ 3,000.00 |
|            | <b>ACRYLIC COATING</b>   |                |             |
| <b>Q9</b>  | Supply and apply 2 coats acrylic filter course for blended with approved silica sand to fill surface voids or correct minor imperfections  | m <sup>2</sup> | \$ 6.00     |

|            |  |                |           |
|------------|--|----------------|-----------|
| <b>Q10</b> | Supply and apply 2 coats of texture course, multi-purpose acrylic colour concentrated mixed with approved silica sands   | m <sup>2</sup> | \$ 6.00   |
|            | <b>EXPANSION AND CONTRACTION JOINTS</b>  |                |           |
|            | Laticrete flexible sealant 800 series of selected standard colours or any approved equivalent filled into grooves at expansion joints  |                |           |
| <b>Q11</b> | 25mm wide x 50mm deep  | m              | \$ 15.00  |
| <b>Q12</b> | 25mm wide x 100mm deep   | m              | \$ 25.00  |
| <b>R</b>   | <b>GLAZING</b>   |                |           |
|            | <u>Clear sheet glass to B.S 952</u>  |                |           |
| <b>R1</b>  | 6mm thick Glaze to timber with timber beads  | m <sup>2</sup> | \$ 45.00  |
| <b>R2</b>  | 6mm thick Glaze to metal with neoprene gaskets   | m <sup>2</sup> | \$ 39.00  |
|            | <u>Light tinted sheet glass to B.S 952</u>   |                |           |
| <b>R3</b>  | 6mm thick Glaze to timber with timber beads  | m <sup>2</sup> | \$ 47.00  |
| <b>R4</b>  | 6mm thick Glaze to metal with neoprene gaskets   | m <sup>2</sup> | \$ 41.00  |
| <b>S</b>   | <b>CURTAINS &amp; BLINDS</b>   |                |           |
| <b>S1</b>  | Vertical blinds with 100mm wide PVC vanes of selected standard colour complete with all control gear and fixing to timber of concrete soffits to suit opening size   | m <sup>2</sup> | \$ 45.00  |
| <b>S2</b>  | PVC Vinyl 'Blackout' Curtain of selected standard colour complete with all control gear to suit opening size   | m <sup>2</sup> | \$ 25.00  |
| <b>T</b>   | <b>PAINTING WORKS</b>  |                |           |
| <b>T1</b>  | Prepare existing surfaces by cleaning and removing all dirt and loose particles, seal up any cracks of joints in cement, remove rust, millscalls, oil/grease and contaminants for metal, repair and fill wood surfaces with appropriate wood filler and sand down with abrasive paper to smooth surfaces<br>Concrete, cement board, gypsum, wood, metal, aluminium surfaces and the like | m <sup>2</sup> | \$ 2.50   |
| <b>T2</b>  | One coat <b>NIPPON Vinilex 5101* or Bodelac 9000*</b> (primer exterior/plastered)  | m <sup>2</sup> | \$ 1.30   |
| <b>T3</b>  | One coat <b>NIPPON Weatherbond*</b> (finishing for exterior/plastered)   | m <sup>2</sup> | \$ 2.80   |
| <b>T4</b>  | One coat <b>NIPPON Bodelac 9000*</b> (undercoat for wood & metal)  | m <sup>2</sup> | \$ 2.80   |
| <b>T5</b>  | One coat <b>NIPPON Bodelac 9000*</b> (finishing for wood & metal)  | m <sup>2</sup> | \$ 2.80   |
| <b>T6</b>  | One coat <b>NIPPON Timberlac*</b> (finishing for wood)   | m <sup>2</sup> | \$ 3.00   |
| <b>T7</b>  | One coat <b>NIPPON Vinilex 5170*</b> (primer for interior/gypsum/plastered)  | m <sup>2</sup> | \$ 1.40   |
| <b>T8</b>  | One coat <b>NIPPON Vinilex 5000*</b> (low odour finishing for interior/gypsum/plastered)   | m <sup>2</sup> | \$ 2.80   |
| <b>T9</b>  | One coat <b>NIPPON Vinyl Silk*</b> (finishing for interior/gypsum/plastered)   | m <sup>2</sup> | \$ 3.00   |
| <b>T10</b> | One coat <b>NIPPON 3-in-1 Medifresh*</b> (finishing for interior/gypsum/plastered)   | m <sup>2</sup> | \$ 3.50   |
|            | <b>*Or Approved Equivalent</b>   |                |           |
|            | <b>Warranty shall be issued by contractor, guaranteeing for the entire works including materials free from defects for a period of not less than five years)</b>   |                |           |
| <b>U</b>   | <b>SIGNAGE</b>   |                |           |
| <b>U1</b>  | Demolish existing metal signage; clear debris off site   | no             | \$ 50.00  |
| <b>U2</b>  | Demolish existing concrete structure/brickwall signage; clear debris offsite   | no             | \$ 200.00 |

|            |   |                |             |
|------------|---|----------------|-------------|
| <b>U</b>   | <b>SIGNAGE</b><br><br>1800mm x 1200mm x 5mm Perspex base with coloured background, fiberglass at both sides and stainless steel channel frame; machine polished; 2no. 75mm Ø x 2200mm high stainless steel tube posts with 75mm Ø stainless steel round balls complete with stainless steel bolts, washer and nuts; 200mm x 200mm x 300mm RC footing; logo (standard Government Primary School logo), self adhesive lettering, 140mm high Arabic font (dark blue) and 75mm high Malay font (black); all as per S.O approval |                |             |
| <b>U3</b>  | Acrylic   | no             | \$ 3,200.00 |
| <b>U4</b>  | Embossed Stainless Steel  | no             | \$ 3,800.00 |
| <b>V</b>   | <b>FENCING WORKS</b>  |                |             |
| <b>V1</b>  | Supply and fix SWG 8 PVC coated fencing mesh including 3 No straining wire, clips and other accessories   | m <sup>2</sup> | \$ 14.00    |
| <b>V2</b>  | Supply and fix SWG 12 galvanized fencing mesh including 3 No straining wire, clips and other accessories  | m <sup>2</sup> | \$ 13.00    |
| <b>V3</b>  | Supply and fix 50mm x 1800 long Lionmesh hot dip galvanized fencing post with anti-climb clank top with 3 no eye for barbed wire  | no             | \$ 35.00    |
| <b>V4</b>  | Supply and fix 50mm x 1800 long Lionmesh hot dip galvanized fencing post with anti-climb clank top with 4 no eye for barbed wire  | no             | \$ 36.00    |
| <b>V5</b>  | Supply and fix 50mm x 2500 long Lionmesh hot dip galvanized fencing post with anti-climb clank top with 3 no eye for barbed wire  | no             | \$ 40.00    |
| <b>V6</b>  | Supply and fix 50mm x 2500 long Lionmesh hot dip galvanized fencing post with anti-climb clank top with 4 no eye for barbed wire  | no             | \$ 41.00    |
| <b>V7</b>  | Supply and fix Lionmesh or equivalent fencing panel overall size 2400mm long x 1800mm high with 6.5mm bar and fixing clip complete  | no             | \$ 110.00   |
| <b>V8</b>  | Supply and fix double leaf swing gate size 6400mm wide x 1800mm high including 100mm GI post complete   | Set            | \$ 2,100.00 |
| <b>V9</b>  | Supply and fix 1000mm wide x 1800mm high pedestrian gate including 100mm GI post complete   | no             | \$ 350.00   |
| <b>V10</b> | Fabricate and install MS double-leaf gate consists of 75 x 75 x 6mm MS angle frame and cross bracing infilled with SWG 8 gauge GI fencing mesh including 100mm diameter post overall size 6400mm wide x 1800mm high painted   | Set            | \$ 1,900.00 |
| <b>V</b>   | <b>FENCING WORKS</b>  |                |             |
| <b>V11</b> | Fabricate and install MS double-leaf gate consists of 75 x 75 x 6mm MS angle frame and cross bracing infilled with SWG 12 gauge GI fencing mesh including 100mm diameter post overall size 6400mm wide x 1800mm high painted  | Set            | \$ 2,200.00 |
| <b>V12</b> | Fabricate and install MS 1000mm wide x 1800mm high pedestrian gate including 100mm diameter post  | no             | \$ 300.00   |
| <b>V13</b> | Supply and fix galvanised mild steel barbed wire  | m              | \$ 3.00     |
| <b>W</b>   | <b>PLUMBING WORKS</b><br><br><b>UPVC SOIL AND WASTE PIPES</b><br>Laying in the ground, including all necessary excavation average 300mm deep and hacking out concrete floor tile/ slab where necessary  |                |             |
| <b>W1</b>  | 32mm diameter UPVC BS.4514 solvent welded joints  | m              | \$ 20.00    |
| <b>W2</b>  | 50mm diameter UPVC BS.4514 solvent welded joints  | m              | \$ 25.00    |



|             |   |    |    |       |
|-------------|---|----|----|-------|
|             | Laying in the ground, including all necessary excavation average 450mm deep and hacking out concrete floor tile/ slab where necessary   |    |    |       |
| <b>W3</b>   | 75mm diameter UPVC BS.4514 solvent welded joints  | m  | \$ | 28.00 |
| <b>W4</b>   | 100mm diameter UPVC BS.4514 with ring seal or solvent welded joints   | m  | \$ | 35.00 |
|             | UPVC soil, waste and vent pipes to BS 4514, solvent welded joints including holder bats/hangers.  |    |    |       |
| <b>W5</b>   | 32mm diameter pipes   | m  | \$ | 6.00  |
| <b>W6</b>   | 50mm diameter pipes   | m  | \$ | 8.00  |
| <b>W7</b>   | 75mm diameter pipes   | m  | \$ | 12.00 |
| <b>W8</b>   | 100mm diameter pipes  | m  | \$ | 15.00 |
|             | Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbows, tees, junctions and other similar pipe fittings complete with access/inspection openings |    |    |       |
| <b>W9</b>   | 75mm diameter UPVC BS.4514 solvent welded joints  | No | \$ | 5.00  |
| <b>W10</b>  | 100mm diameter UPVC BS.4514 solvent welded joints   | No | \$ | 7.00  |
|             | <b>COLD WATER INSTALLATION</b>  |    |    |       |
|             | <u>Remove and replace with new pipe cast/chased into concrete or brickwall or bracketed off walls or soffits with pipe clips</u>  |    |    |       |
|             | Stainless Steel Pipes to BS 4127 fixed with stainless steel screwed and socketed joints fixing with and including suitable pipe clips as necessary.                           |    |    |       |
| <b>W11</b>  | 15mm diameter   | m  | \$ | 14.00 |
| <b>W12</b>  | 22mm diameter   | m  | \$ | 19.00 |
| <b>W13</b>  | 28mm diameter   | m  | \$ | 25.00 |
| <b>W14</b>  | 35mm diameter   | m  | \$ | 35.00 |
| <b>W15</b>  | 54mm diameter   | m  | \$ | 50.00 |
| <b>W</b>    | <b>PLUMBING WORKS</b>   |    |    |       |
|             | <u>Unplasticised PVC pipes:: BS 3505 Class "E" solvent welded joints and fittings to BS 4346</u>  |    |    |       |
|             | Pipe cast/chased into concrete or brickwall or bracketed off walls or soffits with pipe clips   |    |    |       |
| <b>W16</b>  | 12mm diameter pipes   | m  | \$ | 7.00  |
| <b>W17</b>  | 20mm diameter pipes   | m  | \$ | 9.00  |
| <b>W18</b>  | 25mm diameter pipes   | m  | \$ | 12.00 |
| <b>W19</b>  | 32mm diameter pipes   | m  | \$ | 16.00 |
| <b>W20</b>  | 40mm diameter pipes   | m  | \$ | 20.00 |
| <b>W21</b>  | 50mm diameter pipes   | m  | \$ | 25.00 |
|             | Remove existing pipe and replace with new UPVC pipe including fittings to BS 4514 to wall / floor   |    |    |       |
| <b>W22</b>  | 32mm diameter main soil, waste and vent pipes   | m  | \$ | 6.00  |
| <b>W23</b>  | 50mm diameter soil, waste, vent and overflow pipes  | m  | \$ | 8.00  |
| <b>W24</b>  | 75mm diameter soil, waste, vent and overflow pipes  | m  | \$ | 12.00 |
| <b>W25</b>  | 100mm diameter soil, waste, vent and overflow pipes   | m  | \$ | 18.00 |
| <b>W26</b>  | ≥150mm diameter overflow pipes  | m  | \$ | 22.00 |
|             | <b>COLD WATER INSTALLATION</b>  |    |    |       |
|             | <u>Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple, bush and other similar pipe fittings:</u>                         |    |    |       |
|             | Copper/stainless steel compression joints   |    |    |       |
| <b>W27A</b> | 15mm diameter   | No | \$ | 20.00 |
| <b>W27B</b> | 22mm diameter   | No | \$ | 24.00 |
| <b>W27C</b> | 28mm diameter   | No | \$ | 30.00 |
| <b>W27D</b> | ≥50mm diameter pipes  | No | \$ | 65.00 |
|             | <u>Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple, bush and other similar pipe fittings:</u>                         |    |    |       |
|             | brass compression joints  |    |    |       |
| <b>W27E</b> | 15mm diameter   | No | \$ | 14.00 |
| <b>W27F</b> | 22mm diameter   | No | \$ | 16.00 |
| <b>W27G</b> | 28mm diameter   | No | \$ | 20.00 |
| <b>W27H</b> | ≥50mm diameter pipes  | No | \$ | 55.00 |

|             |  |    |           |
|-------------|--|----|-----------|
|             | <u>Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple, bush and other similar pipe fittings:</u>                    |    |           |
|             | upvc compression joints  |    |           |
| <b>W27I</b> | 15mm diameter  | No | \$ 10.00  |
| <b>W27J</b> | 20mm diameter  | No | \$ 12.00  |
| <b>W27K</b> | 25mm diameter  | No | \$ 15.00  |
| <b>W27L</b> | ≥50mm diameter pipes   | No | \$ 45.00  |
| <b>W</b>    | <b>PLUMBING WORKS</b>  |    |           |
|             | <u>MDPE pipe to ISO 4427/DIN8074/8075/MS1058 Class PN 12.5 (12.5MPa) or other equal and approved higher pipe; fittings and joints to be compression type</u>             |    |           |
|             | Pipe cast/chased into concrete or brickwall or bracketed off walls or soffits with pipe clips  |    |           |
| <b>W28</b>  | 20mm outer diameter pipes  | m  | \$ 15.00  |
| <b>W29</b>  | 25mm outer diameter pipes  | m  | \$ 16.00  |
| <b>W30</b>  | 63mm outer diameter pipes  | m  | \$ 25.00  |
|             | <u>Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple, bush and other similar pipe fittings:</u>                    |    |           |
| <b>W31</b>  | >63mm outer diameter pipes   | No | \$ 70.00  |
|             | <u>MDPE pipe to ISO 4427/DIN8074/8075/MS1058 Class PN 12.5 (12.5MPa) or other equal and approved higher pipe; fittings and joints to be butt fusion/compression type</u> |    |           |
|             | Laying in the ground   |    |           |
| <b>W32</b>  | 110mm outer diameter pipes   | m  | \$ 50.00  |
| <b>W33</b>  | 125mm outer diameter pipes   | m  | \$ 60.00  |
|             | <u>Extra over for all necessary fittings, sockets, connectors, reducers, plugs, elbow, tees, union, nipple, bush and other similar pipe fittings:</u>                    |    |           |
| <b>W34</b>  | >110mm outer diameter pipes  | No | \$ 110.00 |
|             | <b>HOT WATER INSTALLATION</b>  |    |           |
|             | <u>Insulated Copper pipes to BS 2871, compression joints and fittings to B.S 864</u>   |    |           |
|             | Pipes cast/chased into concrete or brickwall or bracketed off walls or soffits with pipe clips   |    |           |
| <b>W35</b>  | 15mm diameter pipes  | m  | \$ 15.00  |
| <b>W36</b>  | 22mm diameter pipes  | m  | \$ 20.00  |
| <b>W37</b>  | 28mm diameter pipes  | m  | \$ 26.00  |
| <b>W38</b>  | 35mm diameter pipes  | m  | \$ 35.00  |
| <b>W39</b>  | 42mm diameter pipes  | m  | \$ 42.00  |
| <b>W40</b>  | 54mm diameter pipes  | m  | \$ 50.00  |
| <b>X</b>    | <b>SANITARY INSTALLATION</b>   |    |           |
|             | <u>Remove and refix new sanitary fittings and accessories; bedding wastes and taps in jointing compound</u>  |    |           |
| <b>X1</b>   | Allow labour to refix loose sanitary fittings such as sink, low level WC suite and cistern   | No | \$ 25.00  |
| <b>X</b>    | <b>SANITARY INSTALLATION</b>   |    |           |
|             | <u>Vanity Top Basin</u>  |    |           |
|             | Vanity top deep reinforced with 2 layers of BRC A7 with oval opening and tiled all exposed surfaces with homogeneous tiles finish to:                                    |    |           |
| <b>X2</b>   | 100mm thick x 900mm long x 600mm deep for 1 No sink  | No | \$ 200.00 |
| <b>X3</b>   | 100mm thick x 1300mm long x 600mm deep for 2 Nos sink  | No | \$ 290.00 |
| <b>X4</b>   | 100mm thick x 1950mm long x 600mm deep for 3 Nos sink  | No | \$ 450.00 |
| <b>X5</b>   | 100mm thick x 2600mm long x 600mm deep for 4 Nos sink  | No | \$ 550.00 |
| <b>X6</b>   | 100mm thick x 3250mm long x 600mm deep for 5 Nos sink  | No | \$ 700.00 |
| <b>X7</b>   | 100mm thick x 3900mm long x 600mm deep for 6 Nos sink  | No | \$ 800.00 |

|             |   |          |           |
|-------------|---|----------|-----------|
| <b>X8</b>   | <u>Water Closet and Cistern</u><br>Remove existing, complete with all necessary works and make good.<br><br>Supply and fix new American Standard complete with all necessary accessories, tank fittings, brackets, flush pipes and jointing to pipe work with all necessary connectors and make good. | No<br>No | \$ 25.00  |
| <b>X9</b>   | American Standard; Squatting type or other technically approved equivalent ( <b>Vitreous China-high/low level-white</b> )   | No       | \$ 290.00 |
| <b>X10</b>  | American Standard or other approved equivalent ( <b>Vitreous China-low level-white</b> )  | No       | \$ 300.00 |
| <b>X11</b>  | American Standard or other approved equivalent ( <b>Vitreous China-low level-coloured</b> )   | No       | \$ 300.00 |
| <b>X12</b>  | American standard close coupled or other technically approved equivalent ( <b>Vitreous China-White</b> )  | No       | \$ 300.00 |
| <b>X13</b>  | American standard close coupled or other technically approved equivalent ( <b>Vitreous China-Coloured</b> )   | No       | \$ 300.00 |
|             | <u>Pedestal Pan Seat and Cover</u>  |          |           |
| <b>X14</b>  | Ordinary (White)  | No       | \$ 15.00  |
| <b>X15</b>  | Ordinary (Coloured)   | No       | \$ 20.00  |
| <b>X16</b>  | Close - coupled heavy duty (White)  | No       | \$ 15.00  |
| <b>X17</b>  | Close - coupled heavy duty (Coloured)   | No       | \$ 20.00  |
|             | <u>Cistern Cover</u>  |          |           |
| <b>X18</b>  | Vitreous China  | No       | \$ 48.00  |
|             | <u>Wash Hand basin</u>  |          |           |
|             | Remove the existing and fix new wall hung with fixing brackets; trap, waste, plug and other necessary items.  |          |           |
| <b>X19</b>  | Oval -shaped "White Vitreous China"   | No       | \$ 80.00  |
| <b>X20</b>  | Wash hand basin , 400 x 550mm (White)   | No       | \$ 90.00  |
| <b>X21</b>  | Wash hand basin , 360 x 450mm (White)   | No       | \$ 80.00  |
| <b>X</b>    | <b>SANITARY INSTALLATION</b>  |          |           |
|             | <u>Brackets For Wash Hand Basin</u>   |          |           |
| <b>X22</b>  | Cast iron brackets including fixing to the tile/concrete wall   | No       | \$ 15.00  |
|             | <u>Mirror</u>   |          |           |
| <b>X23</b>  | Remove existing mirror including aluminium framing of any sizes   | No       | \$ 10.00  |
| <b>X24</b>  | Supply and fix new mirror including aluminium framing and all necessary works   | m2       | \$ 80.00  |
|             | <u>Anal Spray &amp; Nozzle</u>  |          |           |
| <b>X25</b>  | Remove existing; replace and fix new chrome-plated anal spray including hose and lever type tap. To fix CPRU Approved or any other approved equivalent.   | No       | \$ 40.00  |
| <b>X25A</b> | Remove existing; replace and fix new UPVC anal spray including hose and lever type tap. Brand to follow existing or any other approved equivalent.  | No       | \$ 35.00  |
| <b>X25B</b> | Remove existing; replace and fix new anal nozzle hose and lever type tap. Brand to follow existing or any other approved equivalent.  | No       | \$ 30.00  |
|             | <u>Stainless Steel/Aluminium Kitchen Sink</u>   |          |           |
|             | Remove the existing and fix new including application of silicone sealant and hacking out concrete bench and make good  |          |           |
| <b>X26</b>  | Single bowl drainer   | No       | \$ 110.00 |
| <b>X26A</b> | Double bowl double drainer  | No       | \$ 190.00 |

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|------------|--|----|-----------|
|            | <b>SUNDRIES</b>  |    |           |
|            | Remove the existing and fix new including short waste, plug, chain and stay and all necessary hacking out concrete floor tile and make good  |    |           |
|            | <u>Bottle Trap/Tubular/P Trap</u>  |    |           |
| <b>X27</b> | UPVC - 38mm diameter bottle trap   | No | \$ 12.00  |
| <b>X28</b> | UPVC - 45mm diameter bottle trap   | No | \$ 14.00  |
| <b>X29</b> | UPVC - 50mm diameter Tubular "P" trap  | No | \$ 20.00  |
| <b>X30</b> | UPVC - 75mm diameter "P" trap with rodding eyes  | No | \$ 23.00  |
| <b>X31</b> | HDPE bottle trap   | No | \$ 25.00  |
| <b>X32</b> | Stainless Steel - 50mm diameter 'P' trap   | No | \$ 50.00  |
|            | <u>Gully Trap</u>  |    |           |
|            | Remove the existing and replace new with UPVC gully trap with rodding access to BS 4660 with metal removable flat grating cast into concrete                                       |    |           |
| <b>X33</b> | 100mm diameter   | No | \$ 80.00  |
| <b>X34</b> | 150mm diameter   | No | \$ 100.00 |
|            | <b>SUNDRIES</b>  |    |           |
|            | Remove the existing and replace new with UPVC floor traps with rodding access to B.S 4660 with all necessary connectors and jointing to pipes                                      |    |           |
|            | <u>UPVC floor drain trap grating</u>   |    |           |
| <b>X36</b> | 150mm x 150mm UPVC hinge floor grating   | No | \$ 15.00  |
|            | <u>Stainless steel floor drain trap grating</u>  |    |           |
| <b>X37</b> | 100mm diameter stainless steel floor grating   | No | \$ 25.00  |
| <b>X38</b> | 150mm diameter stainless steel floor grating   | No | \$ 30.00  |
|            | <u>Gulley Trap and Manhole Cover</u>   |    |           |
| <b>X39</b> | 200 x 200mm top; hinged grating frame  | No | \$ 20.00  |
| <b>X40</b> | Coated Cast Iron rectangular single seal cover and frame: in accordance to BS-EN 124, sealing cover in grease and fine sand  | No | \$ 250.00 |
|            | Coated cast iron rectangular single seal cover and frame; light duty; BS 497 Grade C; weighing 38kg; bedding frame in mortar (1:3); sealing cover in grease and fine sand          |    |           |
| <b>X42</b> | 695 x 545 x 45mm thick   | No | \$ 130.00 |
|            | <u>Gulley Trap and Manhole Cover</u>   |    |           |
|            | Coated cast iron rectangular single seal cover and frame; medium duty; BS 497 Grade B; weighing 142kg; bedding frame in cement mortar (1:3); sealing cover in grease and fine sand |    |           |
| <b>X43</b> | 670 x 670 x 75mm overall   | No | \$ 217.00 |
|            | Coated cast iron rectangular single seal cover and frame; heavy duty; BS 497 Grade B; weighing 210kg; bedding frame in cement mortar (1:3); sealing in grease and fine sand        |    |           |
| <b>X44</b> | 600 x 450mm overall  | No | \$ 272.00 |
| <b>Y</b>   | <b>ACCESSORIES AND ANCILLARIES</b>   |    |           |
|            | Note : All tap shall use brand: Showy, ilife, figo or any approved equivalent or heavy duty tap  |    |           |
|            | <u>Valves and Taps</u>   |    |           |
|            | Valves to BS 1010 and BS 1212  |    |           |
|            | Remove the existing and fix new .Rate shall include all necessary connection, threading, hacking out concrete wall tile and make good to match:                                    |    |           |
|            | <u>Brass Gate Valve/Chrome Stop Valve</u>  |    |           |
| <b>Y1</b>  | 15mm diameter  | No | \$ 12.00  |
| <b>Y2</b>  | 22mm diameter  | No | \$ 17.00  |
| <b>Y3</b>  | 28mm diameter  | No | \$ 20.00  |
| <b>Y4</b>  | 35mm diameter  | No | \$ 25.00  |
| <b>Y5</b>  | 54mm diameter  | No | \$ 45.00  |

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| Y6   | <u>Sluice Valve; including</u><br>75mm diameter  | No | \$ 350.00 |
| Y7   | 100mm diameter   | No | \$ 400.00 |
| Y    | <b>ACCESSORIES AND ANCILLARIES</b>   |    |           |
| Y8   | - Remove existing tap of any sizes and brand   | No | \$ 10.00  |
| Y9   | - Supply and fix new : Showy - 2565M-PQC; complete with connection to existing pipe  | No | \$ 38.00  |
| Y10  | - Supply and fix new :Showy 6272- Quarter turn Single lever Bib faucet - 140mm;<br>complete with connection to existing pipe                           | No | \$ 31.00  |
| Y11  | Supply and fix new : Showy - 6051F50 : Quarter turn single lever flexible spout sink faucet; complete with connection to existing pipe                 | No | \$ 50.00  |
| Y12  | Supply and fix new : Showy - 2988 The Pure C.P brass garden tap; complete with connection to existing pipe   | No | \$ 9.00   |
| Y13  | Supply and fix new : Showy 2575HC C.P C/C stop cock; complete with connection to existing pipe   | No | \$ 14.00  |
| Y14  | Supply and fix new : Showy 6053 - Quarter turn single level wall sink tap; complete with connection to existing pipe                                   | No | \$ 35.00  |
| Y15  | Supply and fix new : Showy - 6051U Quarter turn single lever 'U' spout sink faucet; complete with connection to existing pipe                          | No | \$ 41.00  |
|      | <u>Remove the existing and fix new .Rate shall include all necessary connection, threading, hacking out concrete wall tile and make good to match:</u> |    |           |
| Y16  | <u>Chrome Pillar / WB tap</u><br>15mm diameter   | No | \$ 45.00  |
| Y16A | 20mm diameter  | No | \$ 45.00  |
|      | <b><u>Swan - Neck Type Tap</u></b>   |    |           |
| Y17A | To remove existing and 1 or 2-ways laboratory water tap to workbenches   | No | \$ 5.00   |
| Y17B | To remove existing and 3-ways laboratory water tap to workbenches  | No | \$ 8.00   |
|      | <u>To replace with new .Rate shall include all necessary connection, threading, hacking and make good to match:</u>                                    |    |           |
| Y17C | One Way heavy duty stainless Swan Neck Tap   | No | \$ 50.00  |
| Y17D | Ditto 2-way  |    | \$ 75.00  |
| Y17E | Ditto 3-way  | No | \$ 250.00 |
| Y17F | To replace with new 3-ways laboratory water tap to workbenches and to match existing. Rate shall include all necessary connection                      | No | \$ 150.00 |
|      | <b><u>Flexible Hose</u></b>  |    |           |
| Y18A | Remove existing flexible hose and replace new with :<br>15mm diameter; connection to pipe  | No | \$ 13.00  |
| Y18B | 20mm diameter; connection to pipe  | No | \$ 15.00  |
| Y    | <b>ACCESSORIES AND ANCILLARIES</b>   |    |           |
|      | <b><u>Repairs Collars (Repair Clamp)</u></b>   |    |           |
|      | Stainless Steel Repair Collars   |    |           |
| Y19A | 65mm diameter pipes  | No | \$ 30.00  |
| Y19B | 80mm diameter pipes  | No | \$ 40.00  |
| Y19C | 100mm diameter pipes   | No | \$ 60.00  |
|      | <b><u>Split Repair Collars in Ductile Iron</u></b>   |    |           |
| Y20A | 65mm diameter pipes  | No | \$ 30.00  |
| Y20B | 80mm diameter pipes  | No | \$ 40.00  |
| Y20C | 100mm diameter pipes   | No | \$ 60.00  |

|            |   |    |             |
|------------|---|----|-------------|
| <b>Y22</b> | <u>Automatic Flushing Valve and Cistern</u><br>"American Standard 8902" toilet flush valve or any other technically approved equivalent                 | No | \$ 50.00    |
| <b>Y23</b> | "American Standard 8900" urinal flush valve or any other technically approved equivalent  | No | \$ 50.00    |
| <b>Y24</b> | "Coroline 831" urinal plastic auto cistern (4.5 litres) or any other technically approved equivalent  | No | \$ 80.00    |
| <b>Y25</b> | "Coroline" automatic siphon BS 1876 for urinal auto cisterns or any other technically approved equivalent   | No | \$ 90.00    |
| <b>Y26</b> | <u>Tank Fittings for Water Closets Cisterns</u><br>W.C Siphon tank fittings   | No | \$ 50.00    |
| <b>Y27</b> | "Armitage Shank" Free Flow or any other technically approved equivalent   | No | \$ 50.00    |
| <b>Y28</b> | "American Standard" TF-1011 or any other technically approved equivalent  | No | \$ 50.00    |
|            | <u>Water Tank</u>   |    |             |
| <b>Y29</b> | Supply and fix new 1m x 1m x 1m Stainless steel panel tank and cover with all necessary perforations for pipes.   | No | \$ 1,500.00 |
| <b>Y30</b> | Supply and fix 1600 litres stainless steel water storage tank complete with metal stand, concrete base and other necessary support items                | No | \$ 1,000.00 |
| <b>Y31</b> | Supply and fix 2000 litres stainless steel water storage tank complete with metal stand, concrete base and other necessary support items                | No | \$ 1,300.00 |
| <b>Y32</b> | Supply and fix Davies or other approved equivalent to 1H electrical pump including wiring   | No | \$ 600.00   |
| <b>Y</b>   | <b>ACCESSORIES AND ANCILLARIES</b>  |    |             |
|            | <u>Water Tank</u>   |    |             |
|            | <u>Water Tank Fittings</u>  |    |             |
|            | Brass Ball Float Valve c/w Polythene Ball   |    |             |
| <b>Y33</b> | 25mm (1")   | No | \$ 30.00    |
| <b>Y34</b> | 32mm (1 1/4")   | No | \$ 35.00    |
| <b>Y35</b> | 50mm (2")   | No | \$ 42.00    |
| <b>Y36</b> | 75mm (3")   | No | \$ 50.00    |
| <b>Y37</b> | 100mm (4")  | No | \$ 100.00   |
|            | Brass Ball Float Valve c/w Copper Ball  |    |             |
| <b>Y38</b> | 75mm (3")   | No | \$ 75.00    |
| <b>Y39</b> | 100mm (4")  | No | \$ 130.00   |
| <b>Z</b>   | <b>CLEAN AND UNBLOCK CLOGGED SANITARY SYSTEM</b>  |    |             |
|            | Supply labour, plants, tools, equipment, vehicles and other necessary to clean and unblock the following clogged sanitary plumbing system and fittings: |    |             |
| <b>Z1</b>  | Manhole   | No | \$ 50.00    |
| <b>Z2</b>  | Septic Tank   | No | \$ 100.00   |
| <b>Z3</b>  | Gully Trap  | No | \$ 30.00    |
| <b>Z4</b>  | Floor trap  | No | \$ 15.00    |
| <b>Z5</b>  | Toilet bowl   | No | \$ 20.00    |
| <b>Z6</b>  | Urinal bowl   | No | \$ 20.00    |
| <b>Z7</b>  | Wash hand basin   | No | \$ 15.00    |

|             |   |     |           |
|-------------|---|-----|-----------|
| <b>Z8</b>   | Kitchen sink  | No  | \$ 15.00  |
| <b>Z9</b>   | 100mm and or to 75mm diameter pipe  | m   | \$ 5.00   |
| <b>Z10</b>  | 50mm and or to 75mm diameter pipe   | m   | \$ 3.00   |
| <b>Z11</b>  | Desludging of manhole   | No  | \$ 150.00 |
| <b>Z12</b>  | Desludging of septic tank   | No  | \$ 500.00 |
| <b>Z13</b>  | Grease trap   | No  | \$ 325.00 |
| <b>Z14</b>  | Water tank (panelled / cylindrical)   | No  | \$ 100.00 |
| <b>ZA</b>   | <b>TEMPORARY SCAFFOLDING &amp; SAFETY HOARDINGS</b>   |     |           |
|             | To fabricate temporary scaffolding, including adjustable plate base, plain base plate, caster, caster with screw jack, outrigger bracket, cross brace, brace lock, plan brace, side bracket, standard arch frame, hinge pin, vertical coupling pin, hinge pin, standard end frame, standard half frame, guardrail post, guardrails, Aluminium or plywood deck, netting and all necessary works. not exceeding 3m high |     |           |
| <b>ZA1</b>  | not exceeding 3m high   | Lot | \$ 50.00  |
| <b>ZA2</b>  | exceeding 3m to 6m high   | Lot | \$ 150.00 |
| <b>ZA3</b>  | exceeding 6m to 9m high   | Lot | \$ 250.00 |
| <b>ZA4</b>  | Exceeding 9m high   | Lot | \$ 300.00 |
|             | <b>SAFETY SIGNS/HOARDING</b>  |     |           |
| <b>ZA5</b>  | Safety hoarding; ≤2.5m high, metal cladding including timber/metal support, bracing and all other necessary works   | m   | \$ 40.00  |
| <b>ZA6</b>  | Safety hoarding; 2.5m - 4m high, metal cladding including timber/metal support, bracing and all other necessary works   | m   | \$ 80.00  |
| <b>ZA7</b>  | Safety barricades, signboard or any relevant acceptable safety measures   | Lot | \$ 50.00  |
| <b>ZA8</b>  | Heavy duty green canvas inclusive of ropes and installation   | m2  | \$ 10.00  |
| <b>ZA9</b>  | Barrier warning tapes (Red and white colour).   | m   | \$ 2.00   |
|             | <u>Anti skid tape</u>   |     |           |
| <b>ZA10</b> | 25mm  | m   | \$ 3.00   |
| <b>ZA11</b> | 50mm  | m   | \$ 5.00   |
| <b>AZ12</b> | 100mm   | m   | \$ 10.00  |
| <b>ZB</b>   | <b>REMOVAL AND RENISTATE ELECTRICAL WIRING AND FITTINGS</b>   |     |           |
| <b>ZB1</b>  | To remove and refix existing electrical fittings and wiring back to existing location, including all necessary works  | m2  | \$ 10.00  |
| <b>ZC</b>   | <b>CRACKS FILLER, PUTTY OR SEALER</b>   |     |           |
| <b>ZC1</b>  | To remove, clean existing sealer, filler or putty prior to receive new filler or sealer.  | m   | \$ 4.00   |
| <b>ZC2</b>  | To cut out the cracks with a masonry grinder or disc cutter, to form square edges slot, and remove all dust and debris.   | m   | \$ 10.00  |
| <b>ZC3</b>  | To supply and lay new sealer, a mixture of bonding agent and cement paste to cracks and opening to masonry building generally   | m   | \$ 15.00  |
| <b>ZC</b>   | <b>CRACKS FILLER, PUTTY OR SEALER</b>   |     |           |
| <b>ZC4</b>  | To supply and lay new sealant, to cracks and opening to masonry building generally  | m   | \$ 15.00  |
| <b>ZC5</b>  | To supply and lay new roof asphalt cement to roof blister, cracks, joint and opening generally including warranty   | m   | \$ 20.00  |

|  |  |                |           |
|--|--|----------------|-----------|
| <b>ZD</b>  | <b>EXCAVATION FOR ROADS, HARDSTANDING AND THE LIKES</b><br>Extra over all types of excavation/ cutting using appropriate cutter equipment/ machine and disposal for breaking up and removing the following met with in excavation  |                |           |
| <b>ZD1</b>   | reinforced concrete  | m <sup>3</sup> | \$ 55.00  |
| <b>ZD2</b>   | rock   | m <sup>3</sup> | \$ 22.00  |
| <b>ZD3</b>   | tarmacadam road surfacing and base courses   | m <sup>2</sup> | \$ 16.00  |
| <b>ZD4</b>   | <b>SEALING OF PAVEMENT CRACKS</b><br>Sealing of road pavement cracks with bitumen sand mix (1:2 portion) as directed by SO.  | - m            | \$ 3.00   |
| <b>ZE</b>  | <b>SIGNAGE POSTS</b>   |                |           |
| <b>ZE1</b>   | Repainting of existing post of any size as directed by the SO.   | m              | \$ 5.00   |
| <b>ZE2</b>   | Realignment / Adjustment of existing tilted/turned regulatory / warning signs and post of any size including making good the surrounding to match existing or as directed by the SO.   | No             | \$ 6.00   |
| <b>ZF</b>  | <b>DIRECTIONAL / WARNING SIGNAGES</b><br>Supply and installation single/double faced directional, regulatory, warning and other types of signs comprising of 3mm thick aluminium sheet approved diamond grade reflective sheetings including all required size of letters, numbers, logo(s) and all necessary backing, stiffening, welding, painting, footing, disposal of debris and any other type of connections as specified in the specification, drawings or directed by the SO. | m <sup>2</sup> | \$ 200.00 |
| <b>ZG</b>  | <b><u>BOLLARDS / POST</u></b>  |                |           |
| <b>ZG1</b>   | Supply and fix new 75mm G.I pipe/post traffic bollards; fixed to concrete / bitumen surface; including painting, headcap, surface hacking, make good to existing surfaces and all necessary works  | m              | \$ 25.00  |
| <b>ZG2</b>   | Supply and fix new 100mm G.I pipe/post traffic bollards; fixed to concrete / bitumen surface; including painting, headcap, surface hacking, make good to existing surfaces and all necessary works   | m              | \$ 30.00  |
| <b>ZG3</b>   | Supply and fix new 50mm G.I pipe railing/barrier; fixed to concrete / bitumen surface including bending, hacking, painting, make good to existing surfaces and all necessary works   | m              | \$ 13.00  |
| <p>We, the undersigned, are willing to contract for and perform such <b>repairworks / services</b> for <b>all listed/stated premises</b> as may be ordered from time to time for a period of <b>ONE (1) year</b> commencing from the date of award of contract and at rates contained herein at:</p> <p><b>PLUS / MINUS                      %                      (                      Per Centum)*</b></p> <p><b>*Delete as necessary and insert the necessary %</b><br/><b>(NB: If none stated then it would be liable to disqualification of quotation)</b></p> |  |                |           |

**NOTE:**

1. If you are interested in submitting an offer, you are required to make a payment of **BND\$5.00** to **Finance Division Politeknik Brunei, 12th floor, Jalan Ong Sum Ping.**
2. You are also required to fill in the online **PARTICIPATION FORM** at <https://bit.ly/3Hp2RLt> and upload the payment receipt into the form. Quotation Form (RFQ) and related documents will be sent via email.
3. If you require further information, please do not hesitate to contact [sarifurizal.jambul@pb.edu.bn](mailto:sarifurizal.jambul@pb.edu.bn) or contact via +673 8872673.

Thank you and looking forward to your participation.