

# **VOL 2 - PART 2**

| <b><u>WELDED STEEL GRILLE SCREENS, GATES, ETC</u></b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |   |   |  |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---|---|--|
| 4                                                     | Single gate formed of 25 x 50 x 2mm hollow section frame and two horizontal rails and filled in with 12mm diameter solid vertical rails at 100mm centres. Locking box formed of 3mm thick flat section steel size 160 x 125 x 40mm, including seven lever upright double throw security mortice lock, including barrel bolt fixed to bottom of gate, including gate holder formed of 60 x 60 x 6mm flat section twice holed and bolted to concrete floor with two 8mm expansion bolts, and once holed for keep. Gate fixed to hollow section surround frame with three 20 x 70mm diameter bullet hinges. Surround frame formed of 25 x 50 x 2,5mm hollow section frame and bolted to brickwork at 300mm centres with 8mm bolts, overall gate size 1040 x 2140mm high.                       | No | 1 |   |  |
| 5                                                     | Double gate with each leave formed of 25 x 50 x 2mm hollow section frame and two horizontal rails and filled in with 12mm diameter solid vertical rails at 100mm centres. Locking box formed of 3mm thick flat section steel size 160 x 125 x 40mm, including seven lever upright double throw security mortice lock, including barrel bolts fixed to bottom of gates, including two gate holders formed of 60 x 60 x 6mm flat section twice holed and bolted to concrete floor with two 8mm expansion bolts, and holed for keep. Each gate fixed to hollow section surround frame with three 20 x 70mm diameter bullet hinges. Surround frame formed of 25 x 50 x 2,5mm hollow section frame and bolted to brickwork at 300mm centres with 8mm bolts, overall gate size 1650 x 2140mm high | No | 4 |   |  |
| 6                                                     | Double gate with each leave formed of 25 x 50 x 2mm hollow section frame and two horizontal rails and filled in with 12mm diameter solid vertical rails at 100mm centres. Locking box formed of 3mm thick flat section steel size 160 x 125 x 40mm, including seven lever upright double throw security mortice lock, including barrel bolts fixed to bottom of gates, including two gate holders formed of 60 x 60 x 6mm flat section twice holed and bolted to concrete floor with two 8mm expansion bolts, and holed for keep. Each gate fixed to hollow section surround frame with three 20 x 70mm diameter bullet hinges. Surround frame formed of 25 x 50 x 2,5mm hollow section frame and bolted to brickwork at 300mm centres with 8mm bolts, overall gate size 2500 x 3000mm high | No | 2 |   |  |
| 7                                                     | Repair and replace existing 40 x 60 x 2,5mm hollow section bottom rail of existing sliding gate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | kg | 8 |   |  |
| <b>Carried to Collection</b>                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |   | R |  |
| Building Works<br>Bill No. 11<br>Metalwork            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |   |   |  |



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|  | <p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. <b><u>Glass shall be type 6,5mm laminated safety performance glass in all windows and doors.</u></b> Glass thickness shall comply with SAGGA regulations irrespective of thickness's shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>The following certificates shall be provided prior to commencement of site work:</p> <ol style="list-style-type: none"> <li>1 A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</li> <li>2 A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively</li> <li>3 A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked</li> <li>4 A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years</li> </ol> <p><b><u>ALUMINIUM DOORS AND SHOPFRONTS</u></b></p> <p><b><u>Bronze anodised doors and shopfronts, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete</u></b></p> <p>18 Single door in one pane, with fitted with 6,5mm laminated safety glass, including 3 hinges, double cylinder lock and anodised door handles, size 900 x 2100mm high</p> <p style="text-align: right;"><b>Carried to Collection</b></p> <p>Building Works<br/>Bill No. 11<br/>Metalwork</p> |    |   |   |  |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No | 1 | R |  |
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| Section No. 2<br><br>Building Works<br><br>Bill No. 11<br><br>Metalwork<br><br><u>COLLECTION PAGE</u><br><br>Total Brought Forward from Page No. |  |  |  |   |  |
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| Carried Forward to Summary of Section<br><br>Building Works<br>Bill No. 11<br>Metalwork                                                          |  |  |  | R |  |
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|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| 3                                       | Fair exposed cutting and fitting around pipe not exceeding 100mm internal diameter                                                                                                                                                                                                       | No | 55    |
| 4                                       | Fair exposed cutting and fitting around pipe exceeding 100mm and not exceeding 150mm internal diameter<br><br><u>600 x 600 x 8mm Grade A coloured porcelain floor tiles (PC R300/m²) fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted waterproof grout</u> | No | 12    |
| 5                                       | On floors                                                                                                                                                                                                                                                                                | m² | 715   |
| 6                                       | Skirting 100mm high on walls                                                                                                                                                                                                                                                             | m² | 23    |
| 7                                       | Skirting 600mm high on walls                                                                                                                                                                                                                                                             | m² | 57    |
| 8                                       | Fair exposed cutting and fitting around pipe not exceeding 100mm internal diameter<br><br><u>Aluminium corner protectors, stair nosing's, expansion joint strips, etc</u>                                                                                                                | No | 9     |
| 9                                       | 13mm Wall edge trim                                                                                                                                                                                                                                                                      | m  | 24    |
| 10                                      | Expansion Joint PVC Light Grey 10mm                                                                                                                                                                                                                                                      | m  | 1 042 |
| <b>Carried to Collection</b>            |                                                                                                                                                                                                                                                                                          |    |       |
| Building Works<br>Bill No. 12<br>Tiling |                                                                                                                                                                                                                                                                                          |    |       |



| Item No |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit | Quantity | Rate | Amount R |
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|         | <p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 13</u></b></p> <p><b><u>PLUMBING AND DRAINAGE</u></b><br/><b><u>(PROVISIONAL)</u></b></p> <p>NOTE : Tenderers are advised to study the 'Specification of Materials and Methods to be used' (PW 371-A and B, July 2013) before pricing this bill</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc</u></p> <p>Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8)</p> <p>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p> <p><u>Sealing of edges</u></p> <p>Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone</p> <p><u>uPVC pipes and fittings</u></p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings</p> <p><u>uPVC pressure pipes and fittings</u></p> <p>Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p> |      |          |      |          |
|         | <p style="text-align: right;"><b>Carried to Collection</b></p> <p>Building Works<br/>Bill No. 13<br/>Plumbing and drainage</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |          | R    |          |

#### Copper pipes

Pipes shall be hard drawn and half-hard "Maksal" pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016

Copper pipes are to be installed in accordance with the latest revision of the Code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition

#### Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing" and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained

#### Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level

#### Paper wrapping to pipes

Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings

#### Disinfection of water pipework

Water pipework is to be disinfected at completion in accordance with SABS 1200L (provision for disinfection elsewhere)

**Carried to Collection**

**R**

Building Works  
Bill No. 13  
Plumbing and drainage



|                                                                      |                                                                                                                                                                                                                                                                                                                                                                           |    |    |   |  |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|--|
| <b><u>Grade 304 (18/10) stainless steel</u></b>                      |                                                                                                                                                                                                                                                                                                                                                                           |    |    |   |  |
| 8                                                                    | 1500 x 435mm Inset stainless steel sink with double bowls on cupboard (cupboard elsewhere)                                                                                                                                                                                                                                                                                | No | 2  |   |  |
| <b><u>White vitreous china</u></b>                                   |                                                                                                                                                                                                                                                                                                                                                                           |    |    |   |  |
| 9                                                                    | 560 x 405mm White vitreous china wash hand basin and pedestal                                                                                                                                                                                                                                                                                                             | No | 4  |   |  |
| 10                                                                   | 560 x 390mm White vitreous china oval drop in vanity wash hand basin with semi punched tap holes                                                                                                                                                                                                                                                                          | No | 4  |   |  |
| 11                                                                   | 520 x 435 x 250mm White vitreous china wash hand basin with semi-punched tap holes bolted to wall                                                                                                                                                                                                                                                                         | No | 1  |   |  |
| 12                                                                   | White vitreous china close coupled wash down pan and matching 7 litre porcelain cistern complete with lid, fitments and sealing rings, with heavy duty plastic double flap seat and lid, installation to be according to manufacturers specifications                                                                                                                     | No | 11 |   |  |
| 13                                                                   | White vitreous china paraplegic paraplegic 90° outlet P-trap wash down pan with matching 9 litre cistern complete with heavy duty white double flap seat and lid, fitments and purpose made chromium plated side flush lever mounted on wall adjacent to cistern, installation according to manufacturers specifications complete with chromium plated fixing bolts       | No | 1  |   |  |
| 14                                                                   | White vitreous china urinal mounted to wall with two hanger brackets and with top inlet, supplied with 38mm chromium plated domical grating, chromium spreader, complete with flush pipe connector and outlet flange with rubber seal and chromium plated bolts with flush pipe, installation according to manufacturers specifications. (flush valve elsewhere measured) | No | 2  |   |  |
| 15                                                                   | White vitreous china urinal division size 310 x 610 x 140mm fixed to wall                                                                                                                                                                                                                                                                                                 | No | 2  |   |  |
| <b><u>WASTE UNIONS ETC</u></b>                                       |                                                                                                                                                                                                                                                                                                                                                                           |    |    |   |  |
| <b><u>Waste unions, etc. with plug and chromium plated chain</u></b> |                                                                                                                                                                                                                                                                                                                                                                           |    |    |   |  |
| 16                                                                   | 32mm Chromium plated basin waste union                                                                                                                                                                                                                                                                                                                                    | No | 9  |   |  |
| 17                                                                   | 40mm Chromium plated sink waste union                                                                                                                                                                                                                                                                                                                                     | No | 4  |   |  |
| <b>Carried to Collection</b>                                         |                                                                                                                                                                                                                                                                                                                                                                           |    |    | R |  |
| Building Works<br>Bill No. 13<br>Plumbing and drainage               |                                                                                                                                                                                                                                                                                                                                                                           |    |    |   |  |

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|    | <b><u>TRAPS ETC</u></b>                                                                             |    |    |   |  |
| 18 | 40 x 300mm Rubber sink combination for double bowl with deep seal "P" trap                          | No | 2  |   |  |
| 19 | 32 x 40mm Chromium plated brass deep seal bottle trap with cleaning eye and screwed coupling        | No | 9  |   |  |
| 20 | 40 x 50mm Urinal chromium plated brass deep seal bottle trap with cleaning eye and screwed coupling | No | 2  |   |  |
|    | <b><u>TAPS, VALVES, ETC</u></b>                                                                     |    |    |   |  |
| 21 | 22mm Brass stopcock                                                                                 | No | 4  |   |  |
| 22 | 15mm Brass hose bib tap                                                                             | No | 3  |   |  |
| 23 | 22mm Brass in-line strainer                                                                         | No | 4  |   |  |
| 24 | 22mm Brass vacuum breaker                                                                           | No | 8  |   |  |
| 25 | 22mm 400 KPa Pressure control valve                                                                 | No | 4  |   |  |
| 26 | 22mm Brass non-return valve                                                                         | No | 4  |   |  |
| 27 | 15mm Chromium plated extension piece with sliding wall flange                                       | No | 4  |   |  |
| 28 | 15mm Chromium plated angle regulating valve                                                         | No | 34 |   |  |
| 29 | 15mm Chromium plated compression type full way ball valve                                           | No | 2  |   |  |
| 30 | 22mm Chromium plated compression type full way ball valve                                           | No | 2  |   |  |
| 31 | 15mm Chromium plated star bib tap                                                                   | No | 2  |   |  |
| 32 | 22mm Chromium plated star bib tap                                                                   | No | 2  |   |  |
| 33 | 15mm Chromium plated star pillar tap                                                                | No | 2  |   |  |
| 34 | 15mm Chromium plated single lever mixer pillar tap                                                  | No | 8  |   |  |
| 35 | 15mm Chromium plated elbow action pillar tap                                                        | No | 2  |   |  |
| 36 | 15mm Chromium plated star sink mixer                                                                | No | 2  |   |  |
| 37 | Chromium plated urinal flush valve                                                                  | No | 2  |   |  |
|    | <b>Carried to Collection</b>                                                                        |    |    | R |  |
|    | Building Works                                                                                      |    |    |   |  |
|    | Bill No. 13                                                                                         |    |    |   |  |
|    | Plumbing and drainage                                                                               |    |    |   |  |

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| <b><u>SANITARY PLUMBING</u></b>                                |                                                                                           |    |     |   |  |
| <b><u>uPVC soil and vent pipes</u></b>                         |                                                                                           |    |     |   |  |
| 38                                                             | 50mm Pipes                                                                                | m  | 26  |   |  |
| 39                                                             | 110mm Pipes                                                                               | m  | 48  |   |  |
| 40                                                             | 50mm Pipes chased into concrete floor and making good concrete floor                      | m  | 39  |   |  |
| <b><u>Extra over uPVC soil and vent pipes for fittings</u></b> |                                                                                           |    |     |   |  |
| 41                                                             | 110mm Pan connector                                                                       | No | 12  |   |  |
| 42                                                             | 110mm Bend pan connector                                                                  | No | 1   |   |  |
| 43                                                             | 50mm Bend                                                                                 | No | 26  |   |  |
| 44                                                             | 50mm Access bend                                                                          | No | 52  |   |  |
| 45                                                             | 110mm Access bend                                                                         | No | 36  |   |  |
| 46                                                             | 110mm Access bend with anti-syphon horn                                                   | No | 12  |   |  |
| 47                                                             | 50mm Access junction                                                                      | No | 26  |   |  |
| 48                                                             | 110mm Access junction                                                                     | No | 24  |   |  |
| 49                                                             | 110mm Access reducing junction                                                            | No | 24  |   |  |
| 50                                                             | 50mm Air vent cowl                                                                        | No | 10  |   |  |
| 51                                                             | 110mm Air vent cowl                                                                       | No | 12  |   |  |
| <b><u>Class 2 copper pipes</u></b>                             |                                                                                           |    |     |   |  |
| 52                                                             | 15mm Pipes                                                                                | m  | 18  |   |  |
| 53                                                             | 15mm Pipes chased into brickwork including brown paper lagging and making good plastering | m  | 63  |   |  |
| 54                                                             | 22mm Pipes                                                                                | m  | 160 |   |  |
| 55                                                             | 22mm Pipes chased into brickwork including brown paper lagging and making good plastering | m  | 143 |   |  |
| 56                                                             | 28mm Pipes                                                                                | m  | 60  |   |  |
| <b>Carried to Collection</b>                                   |                                                                                           |    |     | R |  |
| Building Works<br>Bill No. 13<br>Plumbing and drainage         |                                                                                           |    |     |   |  |

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| 57 | 28mm Pipes chased into brickwork including brown paper lagging and making good plastering                                                                                                                                                              | m  | 140 |      |  |
|    | <b><u>Extra over Class 2 copper pipes for capillary fittings</u></b>                                                                                                                                                                                   |    |     |      |  |
| 58 | 15mm Fittings                                                                                                                                                                                                                                          | No | 124 |      |  |
| 59 | 22mm Fittings                                                                                                                                                                                                                                          | No | 148 |      |  |
| 60 | 28mm Fittings                                                                                                                                                                                                                                          | No | 72  |      |  |
|    | <b><u>Extra over Class 2 copper pipes for brass compression fittings</u></b>                                                                                                                                                                           |    |     |      |  |
| 61 | 15mm Fittings                                                                                                                                                                                                                                          | No | 108 |      |  |
| 62 | 22mm Fittings                                                                                                                                                                                                                                          | No | 92  |      |  |
| 63 | 28mm Fittings                                                                                                                                                                                                                                          | No | 32  |      |  |
|    | <b><u>Galvanized mild steel pipes</u></b>                                                                                                                                                                                                              |    |     |      |  |
| 64 | 25mm Pipes                                                                                                                                                                                                                                             | m  | 180 |      |  |
|    | <b><u>Extra over galvanized mild steel pipes for fittings</u></b>                                                                                                                                                                                      |    |     |      |  |
| 65 | 25mm Fittings                                                                                                                                                                                                                                          | No | 30  |      |  |
|    | <b><u>Flexible service pipes</u></b>                                                                                                                                                                                                                   |    |     |      |  |
| 66 | 15mm Service pipe 350mm girth                                                                                                                                                                                                                          | No | 34  |      |  |
|    | <b><u>Testing</u></b>                                                                                                                                                                                                                                  |    |     |      |  |
| 67 | Provide all necessary apparatus water, etc for and test the whole of the Sanitary Plumbing and Water Supply installation to the satisfaction of the Representative/Agent and Municipality, replace any defective work free of charge and leave perfect |    |     | Item |  |
|    | <b><u>ELECTRIC WATER HEATERS</u></b>                                                                                                                                                                                                                   |    |     |      |  |
| 68 | 150 Litre wall or floor mounted electric water heater                                                                                                                                                                                                  | No | 3   |      |  |
| 69 | 10 Litre under basin wall mounted electric water heater                                                                                                                                                                                                | No | 1   |      |  |
| 70 | Isolation blanket for 150 litre geyser                                                                                                                                                                                                                 | No | 3   |      |  |
|    | <b><u>DRIP TRAYS, TANKS, ETC</u></b>                                                                                                                                                                                                                   |    |     |      |  |
|    | <b>Carried to Collection</b>                                                                                                                                                                                                                           |    |     | R    |  |
|    | Building Works<br>Bill No. 13<br>Plumbing and drainage                                                                                                                                                                                                 |    |     |      |  |

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| <b><u>Polyethylene geyser drip tray with 50mm PVC pipe adaptor</u></b>                                                                 |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| 71                                                                                                                                     | Standard geyser tray to suit 150 litre geyser                                                                                                                                                                                                                                                                                                             | No | 3   |   |  |
| <b><u>FIRE APPLIANCES ETC</u></b>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| <b><u>One coat water based galvanised iron primer and two coats UV-resistant water based alkyd roof paint, on galvanised steel</u></b> |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| 72                                                                                                                                     | Fire hose reel with 30m rubber hose, chromium plated stopcock, shut-off nozzle and wall bracket, including galvanised sheet iron cupboard, prepare surfaces of cupboard, remove all loose material, dust, grease, salts and contamination with degreaser, rinse and apply galvanised iron primer and two coats Red High Gloss Enamel paint, fixed to wall | No | 3   |   |  |
| 73                                                                                                                                     | 9kg DPC portable fire extinguisher in and including galvanised sheet iron cupboard, prepare surfaces of cupboard, remove all loose material, dust, grease, salts and contamination with degreaser, rinse and apply galvanised iron primer and two coats Red High Gloss Enamel paint, fixed to wall                                                        | No | 2   |   |  |
| 74                                                                                                                                     | 5kg CO2 portable fire extinguisher in and including galvanised sheet iron cupboard, prepare surfaces of cupboard, remove all loose material, dust, grease, salts and contamination with degreaser, rinse and apply galvanised iron primer and two coats Red High Gloss Enamel paint, fixed to wall                                                        | No | 20  |   |  |
| <b><u>PIPE INSULATION</u></b>                                                                                                          |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| <b><u>Synthetic foam rubber material pipe insulation</u></b>                                                                           |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| 75                                                                                                                                     | Insulation 15mm thick to 15mm pipes                                                                                                                                                                                                                                                                                                                       | m  | 36  |   |  |
| 76                                                                                                                                     | Insulation 15mm thick to 22mm pipes                                                                                                                                                                                                                                                                                                                       | m  | 116 |   |  |
| <b><u>Extra over pipe insulation for insulation around</u></b>                                                                         |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| 77                                                                                                                                     | 15mm Fittings, valves, etc                                                                                                                                                                                                                                                                                                                                | No | 18  |   |  |
| 78                                                                                                                                     | 22mm Fittings, valves, etc                                                                                                                                                                                                                                                                                                                                | No | 58  |   |  |
| <b><u>HOLES, CHASING, ETC.</u></b>                                                                                                     |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |
| <b>Carried to Collection</b>                                                                                                           |                                                                                                                                                                                                                                                                                                                                                           |    |     | R |  |
| Building Works<br>Bill No. 13<br>Plumbing and drainage                                                                                 |                                                                                                                                                                                                                                                                                                                                                           |    |     |   |  |

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|    | <u>Core drilling hole not exceeding 50mm diameter</u>                      |    |    |    |  |
| 79 | One brick wall                                                             | No | 61 |    |  |
|    | <u>Core drilling hole exceeding 100mm and not exceeding 150mm diameter</u> |    |    |    |  |
| 80 | One brick wall                                                             | No | 12 |    |  |
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[illegible]



Mirrors shall be of 4mm thick silvered GG quality polished float glass with rounded and polished edges and splayed corners with foam backing

Unless otherwise described, mirrors shall be with four holes for and screwed to and including approved patent plugs in plastered or tiled wall with countersunk steel screws tap-threaded for and including screw type chromium plated dome headed caps and felt washers

5 Mirror size 450 x 600mm

No

9

Carried to Collection

R

Building Works  
Bill No. 14  
Glazing

Section No. 2

Building Works

Bill No. 14

Glazing

**COLLECTION PAGE**

Total Brought Forward from Page No.

Page  
No  
98  
99

Amount  
R

Carried Forward to Summary of Section

Building Works  
Bill No. 14  
Glazing

R

| Item No |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Quantity | Rate | Amount R |
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|         | <p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 15</u></b></p> <p><b><u>PAINTWORK</u></b></p> <p>NOTE : Tenderers are advised to study the 'Specification of Materials and Methods to be used' (PW 371-A and B, July 2013) before pricing this bill</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>PREPARATORY WORK TO EXISTING WORK</u></b></p> <p><u>Previously painted plastered surfaces</u></p> <p>Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p><u>Previously painted metal surfaces</u></p> <p>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal</p> <p><u>Previously painted wood surfaces</u></p> <p>Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth</p> <p><b><u>COLOURS</u></b></p> <p>Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards</p> <p><b><u>PAINTWORK ETC TO NEW WORK</u></b></p> <p><b><u>ON INTERNAL FLOATED PLASTER SURFACES</u></b></p> |      |          |      |          |
|         | Carried to Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |          | R    |          |
|         | Building Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |          |      |          |
|         | Bill No. 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |          |      |          |
|         | Paintwork                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |          |      |          |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|---|--|
| 1                     | Walls                                                                                                                                                                                                                                                                                                                                                                                                                     | m <sup>2</sup> | 612 |   |  |
|                       | <p><u>One coat alkali resistant primer and one coat bonding liquid and one under coat and two full coats premium quality polyurethane enamel paint</u></p> <p><b><u>ON CONCRETE ROOF TILES</u></b></p> <p><u>Clean the entire area thoroughly with soap detergent and rinse off thoroughly with clean water and allow to dry. Apply three coats UV-resistant water based alkyd roof paint, on concrete roof tiles</u></p> |                |     |   |  |
| 2                     | Concrete tile roofs (measured on flat)                                                                                                                                                                                                                                                                                                                                                                                    | m <sup>2</sup> | 227 |   |  |
|                       | <p><b><u>ON PLASTERBOARD SURFACES</u></b></p> <p><u>One coat alkali resistant primer and two coats PVA emulsion paint for interior use</u></p>                                                                                                                                                                                                                                                                            |                |     |   |  |
| 3                     | Ceilings and cornices, including priming metal cover strips and nail heads                                                                                                                                                                                                                                                                                                                                                | m <sup>2</sup> | 15  |   |  |
|                       | <p><b><u>ON FIBRE-CEMENT BOARD SURFACES</u></b></p> <p><u>One coat alkali resistant primer and one under coat and two coats premium quality smooth matt PVA acrylic copolymer emulsion paint</u></p>                                                                                                                                                                                                                      |                |     |   |  |
| 4                     | Ceilings and cornices, including priming metal cover strips and nail heads                                                                                                                                                                                                                                                                                                                                                | m <sup>2</sup> | 43  |   |  |
|                       | <p><u>One coat alkali resistant primer and one under coat and two coats two coats UV-resistant water based alkyd roof paint</u></p>                                                                                                                                                                                                                                                                                       |                |     |   |  |
| 5                     | Fascias and barge boards, including priming metal jointing strips                                                                                                                                                                                                                                                                                                                                                         | m <sup>2</sup> | 100 |   |  |
|                       | <p><b><u>ON METAL SURFACES</u></b></p> <p><u>One coat alkyd based zinc phosphate primer, one coat alkyd based universal undercoat and two coats premium quality polyurethane enamel paint</u></p>                                                                                                                                                                                                                         |                |     |   |  |
| 6                     | Doors and frames                                                                                                                                                                                                                                                                                                                                                                                                          | m <sup>2</sup> | 13  |   |  |
| 7                     | Gates, grilles, burglar screens, ceiling screens, etc (both sides measured over the full flat area)                                                                                                                                                                                                                                                                                                                       | m <sup>2</sup> | 55  |   |  |
| Carried to Collection |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |     | R |  |
| Building Works        |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |     |   |  |
| Bill No. 15           |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |     |   |  |
| Paintwork             |                                                                                                                                                                                                                                                                                                                                                                                                                           |                |     |   |  |



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| 8                                          | Windows with burglar proofing (both sides measured over the full flat area)                                                                                                                                                                                                                                                         | m <sup>2</sup> | 4     |   |  |
| 9                                          | Rails, bars, pipes, etc not exceeding 300mm girth                                                                                                                                                                                                                                                                                   | m              | 224   |   |  |
|                                            | <b><u>ON METAL SURFACES</u></b>                                                                                                                                                                                                                                                                                                     |                |       |   |  |
|                                            | <b><u>Clean the entire area thoroughly with a strong galvanised iron detergent and scrubbing brush, rinse off thoroughly with clean water and allow to dry. Apply one coat galvanised iron primer and one coat alkyd based universal undercoat and two coats UV-resistant water based alkyd roof paint, on galvanised steel</u></b> |                |       |   |  |
| 10                                         | IBR roofs and walls (measured on flat)                                                                                                                                                                                                                                                                                              | m <sup>2</sup> | 239   |   |  |
|                                            | <b><u>ON WOOD SURFACES</u></b>                                                                                                                                                                                                                                                                                                      |                |       |   |  |
|                                            | <b><u>One coat primer and one under coat and two coats high gloss enamel</u></b>                                                                                                                                                                                                                                                    |                |       |   |  |
| 11                                         | Roof timbers at eaves and verges                                                                                                                                                                                                                                                                                                    | m <sup>2</sup> | 150   |   |  |
| 12                                         | Slatted roof overhang                                                                                                                                                                                                                                                                                                               | m <sup>2</sup> | 227   |   |  |
|                                            | <b><u>One coat primer and one under coat and two coats premium quality polyurethane enamel paint</u></b>                                                                                                                                                                                                                            |                |       |   |  |
| 13                                         | Doors                                                                                                                                                                                                                                                                                                                               | m <sup>2</sup> | 183   |   |  |
|                                            | <b><u>Three coats superior quality polyurethane suede varnish</u></b>                                                                                                                                                                                                                                                               |                |       |   |  |
| 14                                         | Skirtings, rails, etc not exceeding 300mm girth                                                                                                                                                                                                                                                                                     | m              | 1 471 |   |  |
|                                            | <b><u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u></b>                                                                                                                                                                                                                                                                             |                |       |   |  |
|                                            | <b><u>ON QUARRY TILE SURFACES</u></b>                                                                                                                                                                                                                                                                                               |                |       |   |  |
|                                            | <b><u>Two coats brick dressing</u></b>                                                                                                                                                                                                                                                                                              |                |       |   |  |
| 15                                         | Sills                                                                                                                                                                                                                                                                                                                               | m <sup>2</sup> | 21    |   |  |
|                                            | <b><u>ON GRANOLITHIC</u></b>                                                                                                                                                                                                                                                                                                        |                |       |   |  |
|                                            | <b><u>ON INTERNAL FLOATED PLASTER SURFACES</u></b>                                                                                                                                                                                                                                                                                  |                |       |   |  |
|                                            |                                                                                                                                                                                                                                                                                                                                     |                |       |   |  |
| <b>Carried to Collection</b>               |                                                                                                                                                                                                                                                                                                                                     |                |       | R |  |
| Building Works<br>Bill No. 15<br>Paintwork |                                                                                                                                                                                                                                                                                                                                     |                |       |   |  |

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| 16 | <p><u>Remove any loose and flaking residue by means, wash with sugar soap, open up cracks and make good with flexible plaster filler sanded smooth apply one coat alkali resistant plaster primer to bare substrate areas and one coat bonding liquid and one under coat and two coats premium quality smooth matt PVA emulsion paint</u></p> <p>Ceilings</p>                                                                                                     | m <sup>2</sup> | 9     |   |  |
| 17 | <p><u>Remove any loose and flaking residue, wash with sugar soap, open up cracks and make good with flexible plaster filler, sanded smooth and apply one coat alkali resistant plaster primer to bare substrate areas and one coat bonding liquid and one under coat and two full coats low odour premium quality highly washable and stain resistant velvet sheen acrylic emulsion paint</u></p> <p>Walls</p>                                                    | m <sup>2</sup> | 33    |   |  |
| 18 | <p><u>Remove any loose and flaking residue, wash with sugar soap, open up cracks and make good with flexible plaster filler, sanded smooth and apply one coat alkali resistant plaster primer to bare substrate areas and one coat bonding liquid and one under coat and two coats two full coats premium quality polyurethane enamel paint</u></p> <p>Walls</p>                                                                                                  | m <sup>2</sup> | 1 923 |   |  |
| 19 | <p><b><u>ON PLASTERBOARD SURFACES</u></b></p> <p><u>Remove any loose and flaking residue, wash with sugar soap, open up cracks and make good with flexible plaster filler, sanded smooth and apply one coat alkali resistant plaster primer to bare substrate areas and one coat bonding liquid and one under coat and two full coats low odour premium quality highly washable and stain resistant velvet sheen acrylic emulsion paint</u></p> <p>Partitions</p> | m <sup>2</sup> | 165   |   |  |
|    | <p><b><u>ON EXTERNAL FLOATED PLASTER SURFACES</u></b></p>                                                                                                                                                                                                                                                                                                                                                                                                         |                |       |   |  |
|    | <p>Carried to Collection</p>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |       | R |  |
|    | <p>Building Works<br/>Bill No. 15<br/>Paintwork</p>                                                                                                                                                                                                                                                                                                                                                                                                               |                |       |   |  |

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| 20                    | Walls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 111 <sup>2</sup> | 559 |   |  |
|                       | <p><u>Remove any loose and flaking residue, wash with sugar soap, open up cracks and make good with flexible plaster filler sanded smooth apply one coat alkali resistant plaster primer to bare substrate areas and one coat bonding liquid and one under coat and two full coats extremely durable UV-resistant water based mica reinforced fine textured acrylic paint</u></p> <p><b><u>ON CONCRETE ROOF TILES</u></b></p> <p><u>Clean the entire area thoroughly with soap detergent and rinse off thoroughly with clean water and allow to dry. Apply three coats UV-resistant water based alkyd roof paint, on concrete roof tiles</u></p> |                  |     |   |  |
| 21                    | Concrete tile roofs (measured on flat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | m <sup>2</sup>   | 907 |   |  |
|                       | <p><b><u>ON METAL SURFACES</u></b></p> <p><u>Remove any loose and flaking residue, treated rusted areas with chemical rust remover, spot priming bare metal surfaces with alkyd based zinc phosphate primer, one coat alkyd based universal undercoat and two coats premium quality polyurethane enamel paint</u></p>                                                                                                                                                                                                                                                                                                                            |                  |     |   |  |
| 22                    | Door frames                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m <sup>2</sup>   | 84  |   |  |
| 23                    | Windows with burglar proofing (both sides measured over the full flat area)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | m <sup>2</sup>   | 245 |   |  |
| 24                    | Gates, grilles, burglar screens, ceiling screens, balustrades, etc (both sides measured over the full flat area)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | m <sup>2</sup>   | 313 |   |  |
| 25                    | Rails, bars, pipes, etc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | m <sup>2</sup>   | 49  |   |  |
| 26                    | <p><u>Remove any loose and flaking residue. Remove all rust by mechanical or hand cleaning methods. Treat the remaining light rust with chemical rust neutraliser. Clean the entire area thoroughly with a strong galvanised iron detergent and scrubbing brush, rinse off thoroughly with clean water and allow to dry. Apply one coat galvanised iron primer and three coats red UV-resistant water based alkyd roof paint, on galvanised steel</u></p> <p>IBR roofs and walls (measured on flat)</p>                                                                                                                                          | m <sup>2</sup>   | 557 |   |  |
| Carried to Collection |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |     | R |  |
| Building Works        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |     |   |  |
| Bill No. 15           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |     |   |  |
| Paintwork             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |     |   |  |

**ON WOOD SURFACES**

Remove any loose and flaking residue, spot priming bare wood surfaces with wood primer, one coat alkyd based universal undercoat and two coats premium quality polyurethane enamel paint

27 Doors

m<sup>2</sup>

11

**Carried to Collection**

R

Building Works  
Bill No. 15  
Paintwork

Section No. 2

Building Works

Bill No. 15

Paintwork

**COLLECTION PAGE**

Total Brought Forward from Page No.

**Page  
No**

**Amount  
R**

101

102

103

104

105

106

**Carried Forward to Summary of Section**

**R**

Building Works  
Bill No. 15  
Paintwork

| Item No |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quantity | Rate | Amount R |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|----------|
|         | <b><u>SECTION NO. 2</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |      |          |
|         | <b><u>BILL NO. 16</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |      |          |
|         | <b><u>BUILDER'S WORK IN CONNECTION WITH SPECIAL SERVICES (PROVISIONAL)</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |          |
|         | NOTE : Tenderers are advised to study the 'Specification of Materials and Methods to be used' (PW 371-A and B, July 2013) before pricing this bill                                                                                                                                                                                                                                                                                                                                                                                                                 |          |      |          |
|         | <b><u>ELECTRICAL INSTALLATION</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |      |          |
| 1       | 75mm PVC sleeve pipe and excavations not exceeding 1m deep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m        | 20   |          |
| 2       | 110mm PVC sleeve pipe and excavations not exceeding 1m deep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m        | 20   |          |
| 3       | Extra for 75mm bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No       | 12   |          |
| 4       | Extra for 100mm bend                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No       | 12   |          |
| 5       | Excavate in earth for and build manhole with one brick side on and including a 100mm thick 20MPa/19mm mass concrete base projecting 100mm under wall for face all round, including finishing in 3:1 cement plaster on inside, with 100mm thick 20MPa/19mm mass concrete slab over finished on all exposed surfaces in untinted granolithic with angles rounded with opening for and including 600 x 600mm cast iron double seal heavy duty manhole cover and frame with a mass of 75kg, laid in cement and sealed in tallow; size internally 0,6 x 0,6 x 0,9m deep | No       | 2    |          |
| 6       | 50mm wide chasing into existing wall for piping including making good plastering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | m        | 250  |          |
|         | <b>Carried Forward to Summary of Section</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          | R    |          |
|         | Building Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |          |
|         | Bill No. 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |      |          |
|         | Builders work in connection with services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |      |          |





| Item No |                                                                                                                                                    | Quantity       | Rate | Amount R |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|----------|
|         | <b><u>SECTION NO 3</u></b>                                                                                                                         |                |      |          |
|         | <b><u>BILL NO 2</u></b>                                                                                                                            |                |      |          |
|         | <b><u>PAVING, RAMPS AND SCREEN WALLS</u></b>                                                                                                       |                |      |          |
|         | NOTE : Tenderers are advised to study the 'Specification of Materials and Methods to be used' (PW 371-A and B, July 2013) before pricing this bill |                |      |          |
|         | All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density                                           |                |      |          |
|         | <b><u>DEMOLITIONS ETC</u></b>                                                                                                                      |                |      |          |
|         | <b><u>Breaking up and removing</u></b>                                                                                                             |                |      |          |
| 1       | 60mm Thick concrete block paving on sand bed                                                                                                       | m <sup>2</sup> | 199  |          |
| 2       | 80mm Thick concrete block paving on sand bed                                                                                                       | m <sup>2</sup> | 770  |          |
|         | <b><u>Breaking up and removing unreinforced concrete</u></b>                                                                                       |                |      |          |
| 3       | 100mm Thick surface beds                                                                                                                           | m <sup>2</sup> | 132  |          |
| 4       | Steps                                                                                                                                              | m <sup>3</sup> | 1    |          |
|         | <b><u>Breaking down and removing brickwork etc</u></b>                                                                                             |                |      |          |
| 5       | One brick walls                                                                                                                                    | m <sup>2</sup> | 7    |          |
|         | <b><u>THE FOLLOWING IN STORMWATERPAVING, APRONS, SURFACE BEDS</u></b>                                                                              |                |      |          |
|         | <b><u>EARTHWORKS</u></b>                                                                                                                           |                |      |          |
|         | <b><u>Open face excavation in earth over sloping site</u></b>                                                                                      |                |      |          |
| 6       | Open face excavations in earth to reduce levels                                                                                                    | m <sup>3</sup> | 214  |          |
|         | <b><u>Extra over bulk excavation in earth for excavation in</u></b>                                                                                |                |      |          |
| 7       | Soft rock                                                                                                                                          | m <sup>3</sup> | 11   |          |
| 8       | Hard rock                                                                                                                                          | m <sup>3</sup> | 21   |          |
|         | <b>Carried to Collection</b>                                                                                                                       |                |      | R        |
|         | External works<br>Bill No. 2<br>Paving and ramps                                                                                                   |                |      | -        |

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                  |                |     |   |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|---|--|
| <b><u>Extra over all excavations for carting away</u></b>                                                                                                                                                                                                 |                                                                                                                                                                                                                  |                |     |   |  |
| 9                                                                                                                                                                                                                                                         | Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor                                                         | m <sup>3</sup> | 214 |   |  |
| <b><u>Earth filling supplied by the contractor</u></b>                                                                                                                                                                                                    |                                                                                                                                                                                                                  |                |     |   |  |
| 10                                                                                                                                                                                                                                                        | Filling of imported selected G5 gravel material and compacted in 150mm layers to 95% modified AASHTO density.                                                                                                    | m <sup>3</sup> | 214 |   |  |
| <b><u>Compaction of surfaces</u></b>                                                                                                                                                                                                                      |                                                                                                                                                                                                                  |                |     |   |  |
| 11                                                                                                                                                                                                                                                        | Compaction of ground surface under pavings, etc including scarifying for a depth of 150mm, breaking down over size material, adding suitable material where necessary and compact to 90% modified AASHTO density | m <sup>2</sup> | 969 |   |  |
| <b><u>Weed killer</u></b>                                                                                                                                                                                                                                 |                                                                                                                                                                                                                  |                |     |   |  |
| 12                                                                                                                                                                                                                                                        | Weed killer under roads, paving, etc.                                                                                                                                                                            | m <sup>2</sup> | 969 |   |  |
| <b><u>Prescribed density tests on filling</u></b>                                                                                                                                                                                                         |                                                                                                                                                                                                                  |                |     |   |  |
| 13                                                                                                                                                                                                                                                        | "Modified AASHTO Density" test                                                                                                                                                                                   | No             | 10  |   |  |
| <b><u>One layer 250 micron black polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u></b>                                                                                                               |                                                                                                                                                                                                                  |                |     |   |  |
| 14                                                                                                                                                                                                                                                        | Under pavings                                                                                                                                                                                                    | m <sup>2</sup> | 969 |   |  |
| <b><u>PRECAST CONCRETE</u></b>                                                                                                                                                                                                                            |                                                                                                                                                                                                                  |                |     |   |  |
| <b><u>Paving of 200 x 100 x 65mm thick 25MPa precast concrete paving blocks with butt joints on and including 20mm thick river sand bed with sand-and-cement mixture swept into joints and hosed down, including preparation of ground or filling</u></b> |                                                                                                                                                                                                                  |                |     |   |  |
| 15                                                                                                                                                                                                                                                        | Paving in stretcher bond to falls, including edge blocks                                                                                                                                                         | m <sup>2</sup> | 199 |   |  |
| 16                                                                                                                                                                                                                                                        | 200mm Wide brick-on-flat header course edging on 50mm thick mortar bed                                                                                                                                           | m              | 170 |   |  |
| 17                                                                                                                                                                                                                                                        | Fair circular cutting                                                                                                                                                                                            | m              | 5   |   |  |
| 18                                                                                                                                                                                                                                                        | Pressure test to precast concrete paving blocks                                                                                                                                                                  | No             | 5   |   |  |
| <b>Carried to Collection</b>                                                                                                                                                                                                                              |                                                                                                                                                                                                                  |                |     | R |  |
| External works<br>Bill No. 2<br>Paving and ramps                                                                                                                                                                                                          |                                                                                                                                                                                                                  |                |     |   |  |

|                       |                                                                                                                                                                                                                              |                |     |   |  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|---|--|
|                       | <b><u>80mm Standard grey double zig-zag interlocking precast concrete paving blocks laid to pattern, on 25mm riversand bed with sand sept into joints</u></b>                                                                |                |     |   |  |
| 19                    | Paving in stretcher bond to falls, including edge blocks                                                                                                                                                                     | m <sup>2</sup> | 770 |   |  |
| 20                    | 200mm Wide brick-on-flat header course edging on 50mm thick mortar bed                                                                                                                                                       | m              | 178 |   |  |
| 21                    | Fair circular cutting                                                                                                                                                                                                        | m              | 5   |   |  |
| 22                    | Pressure test to precast concrete paving blocks                                                                                                                                                                              | No             | 5   |   |  |
|                       | <b><u>Lifting up existing precast concrete paving, including storing for re-use</u></b>                                                                                                                                      |                |     |   |  |
| 23                    | Existing paving                                                                                                                                                                                                              | m <sup>2</sup> | 10  |   |  |
|                       | <b><u>Relaying existing concrete paving blocks with butt joints on and including 20mm thick river sand bed with sand-and-cement mixture swept into joints and hosed down, including preparation of ground or filling</u></b> |                |     |   |  |
| 24                    | Existing paving                                                                                                                                                                                                              | m <sup>2</sup> | 10  |   |  |
|                       | <b><u>PAINTWORK</u></b>                                                                                                                                                                                                      |                |     |   |  |
|                       | <b><u>Prepare and apply one coat white reflective road marking paint on precast concrete paving blocks, etc</u></b>                                                                                                          |                |     |   |  |
| 25                    | 100mm Wide line                                                                                                                                                                                                              | m              | 76  |   |  |
|                       | <b><u>REINFORCED CONCRETE</u></b>                                                                                                                                                                                            |                |     |   |  |
|                       | <b><u>30MPa/19mm concrete cast against excavated surfaces</u></b>                                                                                                                                                            |                |     |   |  |
| 26                    | In surface bed ramp cast in panels                                                                                                                                                                                           | m <sup>3</sup> | 1   |   |  |
|                       | <b><u>Finishing top surfaces of concrete smooth with a wood float and ripple paint roller finish</u></b>                                                                                                                     |                |     |   |  |
| 27                    | Surface beds, slabs, etc                                                                                                                                                                                                     | m <sup>2</sup> | 9   |   |  |
|                       | <b><u>REINFORCEMENT</u></b>                                                                                                                                                                                                  |                |     |   |  |
| Carried to Collection |                                                                                                                                                                                                                              |                |     | R |  |
| External works        |                                                                                                                                                                                                                              |                |     |   |  |
| Bill No. 2            |                                                                                                                                                                                                                              |                |     |   |  |
| Paving and ramps      |                                                                                                                                                                                                                              |                |     |   |  |

|                                                                     |                                                                                                                                                                                                                                                                          |                |     |   |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|---|
| <b><u>Fabric reinforcement</u></b>                                  |                                                                                                                                                                                                                                                                          |                |     |   |
| 28                                                                  | Type 311 fabric reinforcement in concrete surface beds, slabs, etc                                                                                                                                                                                                       | m <sup>2</sup> | 9   |   |
| <b><u>PRECAST CONCRETE</u></b>                                      |                                                                                                                                                                                                                                                                          |                |     |   |
| 29                                                                  | Type "SABS 927 Fig. 3" barrier kerb 150 x 300mm high with and including 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc                                                                                   | m              | 5   |   |
| 30                                                                  | Type "SABS 927 Fig. 3" barrier kerb 150 x 300mm high with and including 150 x 150 x 300mm unreinforced concrete haunching at back of each joint circular on plan not exceeding 4m radius formed of short lengths of straight kerb including excavation, backfilling, etc | m              | 3   |   |
| 31                                                                  | Type "SABS 927 Fig. 14" mountable kerb 300 x 125mm high with and including 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc                                                                                | m              | 8   |   |
| <b><u>THE FOLLOWING IN RAMP AND CONCRETE SLAB FOR GENERATOR</u></b> |                                                                                                                                                                                                                                                                          |                |     |   |
| <b><u>EARTHWORKS</u></b>                                            |                                                                                                                                                                                                                                                                          |                |     |   |
| <b><u>Open face excavation in earth over sloping site</u></b>       |                                                                                                                                                                                                                                                                          |                |     |   |
| 32                                                                  | Open face excavations in earth to reduce levels                                                                                                                                                                                                                          | m <sup>3</sup> | 10  |   |
| <b><u>Excavation in earth not exceeding 2m deep</u></b>             |                                                                                                                                                                                                                                                                          |                |     |   |
| 33                                                                  | Trenches                                                                                                                                                                                                                                                                 | m <sup>3</sup> | 7   |   |
| <b><u>Extra over excavation in earth for excavation in</u></b>      |                                                                                                                                                                                                                                                                          |                |     |   |
| 34                                                                  | Soft rock                                                                                                                                                                                                                                                                | m <sup>3</sup> | 0.4 |   |
| 35                                                                  | Hard rock                                                                                                                                                                                                                                                                | m <sup>3</sup> | 1   |   |
| <b><u>Extra over all excavations for carting away</u></b>           |                                                                                                                                                                                                                                                                          |                |     |   |
| 36                                                                  | Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor                                                                                                                 | m <sup>3</sup> | 4   |   |
| <b>Carried to Collection</b>                                        |                                                                                                                                                                                                                                                                          |                |     | R |
| External works                                                      |                                                                                                                                                                                                                                                                          |                |     |   |
| Bill No. 2                                                          |                                                                                                                                                                                                                                                                          |                |     |   |
| Paving and ramps                                                    |                                                                                                                                                                                                                                                                          |                |     |   |

|                                                                                                                                             |                                                                                                                                                                                                                  |                |      |   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|---|--|
| <b><u>Risk of collapse of excavations</u></b>                                                                                               |                                                                                                                                                                                                                  |                |      |   |  |
| 37                                                                                                                                          | Sides of trench and hole excavations not exceeding 1,5m deep                                                                                                                                                     | m <sup>2</sup> | 12   |   |  |
| <b><u>Keeping excavations free of water</u></b>                                                                                             |                                                                                                                                                                                                                  |                |      |   |  |
| 38                                                                                                                                          | Keeping excavations free of water                                                                                                                                                                                |                | Item |   |  |
| <b><u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u></b>        |                                                                                                                                                                                                                  |                |      |   |  |
| 39                                                                                                                                          | Backfilling to trenches, holes, etc                                                                                                                                                                              | m <sup>3</sup> | 2    |   |  |
| <b><u>Earth filling supplied by the contractor</u></b>                                                                                      |                                                                                                                                                                                                                  |                |      |   |  |
| 40                                                                                                                                          | Filling of imported selected G5 gravel material and compacted in 150mm layers to 96% modified AASHTO density, including stabilisation with cement PI<6 stabilized 3% = C4                                        | m <sup>3</sup> | 9    |   |  |
| <b><u>Compaction of surfaces</u></b>                                                                                                        |                                                                                                                                                                                                                  |                |      |   |  |
| 41                                                                                                                                          | Compaction of ground surface under pavings, etc including scarifying for a depth of 150mm, breaking down over size material, adding suitable material where necessary and compact to 90% modified AASHTO density | m <sup>2</sup> | 15   |   |  |
| <b><u>Weed killer</u></b>                                                                                                                   |                                                                                                                                                                                                                  |                |      |   |  |
| 42                                                                                                                                          | Weed killer under roads, paving, etc.                                                                                                                                                                            | m <sup>2</sup> | 15   |   |  |
| <b><u>One layer 250 micron black polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u></b> |                                                                                                                                                                                                                  |                |      |   |  |
| 43                                                                                                                                          | Under pavings, aprons and walkways                                                                                                                                                                               | m <sup>2</sup> | 15   |   |  |
| <b><u>CONCRETE</u></b>                                                                                                                      |                                                                                                                                                                                                                  |                |      |   |  |
| <b><u>UNREINFORCED CONCRETE</u></b>                                                                                                         |                                                                                                                                                                                                                  |                |      |   |  |
| <b><u>25MPa/19mm concrete cast against excavated surfaces</u></b>                                                                           |                                                                                                                                                                                                                  |                |      |   |  |
| 44                                                                                                                                          | Strip footings                                                                                                                                                                                                   | m <sup>3</sup> | 4    |   |  |
| 45                                                                                                                                          | Steps                                                                                                                                                                                                            | m <sup>3</sup> | 1    |   |  |
| <b>Carried to Collection</b>                                                                                                                |                                                                                                                                                                                                                  |                |      | R |  |
| External works                                                                                                                              |                                                                                                                                                                                                                  |                |      |   |  |
| Bill No. 2                                                                                                                                  |                                                                                                                                                                                                                  |                |      |   |  |
| Paving and ramps                                                                                                                            |                                                                                                                                                                                                                  |                |      |   |  |

|                                                                                                                                                                                                                                                       |                                                                                                  |    |    |   |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|---|--|
| <b><u>REINFORCED CONCRETE</u></b>                                                                                                                                                                                                                     |                                                                                                  |    |    |   |  |
| <b><u>30 MPa/19mm stone</u></b>                                                                                                                                                                                                                       |                                                                                                  |    |    |   |  |
| 46                                                                                                                                                                                                                                                    | In surface beds cast in panels over waterproofing membrane (elsewhere)                           | m³ | 5  |   |  |
| <b><u>Finishing top surfaces of concrete smooth with a wood float and ripple paint roller finish</u></b>                                                                                                                                              |                                                                                                  |    |    |   |  |
| 47                                                                                                                                                                                                                                                    | Surface beds, slabs, etc to falls                                                                | m² | 31 |   |  |
| <b><u>SMOOTH FORMWORK (DEGREE OF ACCURACY I)</u></b>                                                                                                                                                                                                  |                                                                                                  |    |    |   |  |
| <u>Smooth formwork to sides</u>                                                                                                                                                                                                                       |                                                                                                  |    |    |   |  |
| 48                                                                                                                                                                                                                                                    | Steps                                                                                            | m² | 1  |   |  |
| 49                                                                                                                                                                                                                                                    | Edges, risers, ends and reveals not exceeding 300mm high or wide                                 | m  | 26 |   |  |
| <b><u>TILING</u></b>                                                                                                                                                                                                                                  |                                                                                                  |    |    |   |  |
| <i>The Prime Cost (PC) amount per square meter is only for the tiles material purchased price, allow for additional off cut percentage, surface preparation material, adhesive, grout, transport to site, labour, profit, etc. in your unit price</i> |                                                                                                  |    |    |   |  |
| <b><u>600 x 600 x 8mm Grade A coloured porcelain floor tiles (PC R300/m²) fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted waterproof grout</u></b>                                                                     |                                                                                                  |    |    |   |  |
| 50                                                                                                                                                                                                                                                    | On floors to falls                                                                               | m² | 15 |   |  |
| 51                                                                                                                                                                                                                                                    | On treads 270mm wide of cut tiles                                                                | m  | 10 |   |  |
| 52                                                                                                                                                                                                                                                    | On risers 170mm high of cut tiles                                                                | m  | 10 |   |  |
| <b><u>Aluminium corner protectors, stair nosing's, expansion joint strips, etc</u></b>                                                                                                                                                                |                                                                                                  |    |    |   |  |
| 53                                                                                                                                                                                                                                                    | 40 x 20 x 2mm Aluminium stair nosing edge trim fixed with epoxy glue and screws at 100mm centres | m  | 10 |   |  |
| <b><u>MOVEMENT JOINTS ETC</u></b>                                                                                                                                                                                                                     |                                                                                                  |    |    |   |  |
| <b>Carried to Collection</b>                                                                                                                                                                                                                          |                                                                                                  |    |    | R |  |
| External works                                                                                                                                                                                                                                        |                                                                                                  |    |    |   |  |
| Bill No. 2                                                                                                                                                                                                                                            |                                                                                                  |    |    |   |  |
| Paving and ramps                                                                                                                                                                                                                                      |                                                                                                  |    |    |   |  |

|    |                                                                                                                                                                                                                                                                                                                                                                       |                |    |   |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----|---|--|
|    | <b><u>Expansion joints with softboard between vertical concrete and brick surfaces</u></b>                                                                                                                                                                                                                                                                            |                |    |   |  |
| 54 | 20mm Joint not exceeding 300mm high                                                                                                                                                                                                                                                                                                                                   | m              | 9  |   |  |
|    | <b><u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u></b>                                                                                                                                                                                                                                                           |                |    |   |  |
| 55 | 10 x 10mm In expansion joints in floors                                                                                                                                                                                                                                                                                                                               | m              | 9  |   |  |
|    | <b><u>REINFORCEMENT</u></b>                                                                                                                                                                                                                                                                                                                                           |                |    |   |  |
|    | <b><u>Fabric reinforcement</u></b>                                                                                                                                                                                                                                                                                                                                    |                |    |   |  |
| 56 | Type 345 fabric reinforcement in concrete surface beds, slabs, etc                                                                                                                                                                                                                                                                                                    | m <sup>2</sup> | 30 |   |  |
|    | <b><u>BRICKWORK</u></b>                                                                                                                                                                                                                                                                                                                                               |                |    |   |  |
|    | <b><u>Brickwork of NFP bricks in class II mortar</u></b>                                                                                                                                                                                                                                                                                                              |                |    |   |  |
| 57 | One brick walls                                                                                                                                                                                                                                                                                                                                                       | m <sup>2</sup> | 12 |   |  |
|    | <b><u>Brickwork reinforcement</u></b>                                                                                                                                                                                                                                                                                                                                 |                |    |   |  |
| 58 | 150mm Wide reinforcement built in horizontally                                                                                                                                                                                                                                                                                                                        | m              | 25 |   |  |
|    | <b><u>METALWORK</u></b>                                                                                                                                                                                                                                                                                                                                               |                |    |   |  |
|    | <b><u>STEEL BALUSTRADES</u></b>                                                                                                                                                                                                                                                                                                                                       |                |    |   |  |
|    | <b><u>Welded balustrades to ramps</u></b>                                                                                                                                                                                                                                                                                                                             |                |    |   |  |
| 59 | Horizontal balustrades 1000mm high, of 50mm diameter x 2mm thick continuous pipe handrail, 50 x 5mm flat section continuous top and bottom rails, 40mm diameter x 2mm thick posts with 120 x 60 x 6mm footplates bolted to concrete (bolts elsewhere) at 1,5m centres and 12mm diameter intermediate vertical balusters at 100mm centres between top and bottom rails | m              | 2  |   |  |
| 60 | Raking balustrades 1000mm high, of 50mm diameter x 2mm thick continuous pipe handrail, 50 x 5mm flat section continuous top and bottom rails, 40mm diameter x 2mm thick posts with 120 x 60 x 6mm footplates bolted to concrete (bolts elsewhere) at 1,5m centres and 12mm diameter intermediate vertical balusters at 100mm centres between top and bottom rails     | m              | 9  |   |  |
| 61 | Extra over for flat closed end                                                                                                                                                                                                                                                                                                                                        | No             | 2  |   |  |
|    | <b>Carried to Collection</b>                                                                                                                                                                                                                                                                                                                                          |                |    | R |  |
|    | External works                                                                                                                                                                                                                                                                                                                                                        |                |    |   |  |
|    | Bill No. 2                                                                                                                                                                                                                                                                                                                                                            |                |    |   |  |
|    | Paving and ramps                                                                                                                                                                                                                                                                                                                                                      |                |    |   |  |

|                                                                                                                                                                                                                                                    |                                                            |                |     |   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|-----|---|--|
| 62                                                                                                                                                                                                                                                 | Extra over for L-intersection                              | No             | 1   |   |  |
| 63                                                                                                                                                                                                                                                 | Extra over for ramp or knee                                | No             | 1   |   |  |
| 64                                                                                                                                                                                                                                                 | 10mm Expansion bolt                                        | No             | 20  |   |  |
| <b><u>PLASTERING</u></b>                                                                                                                                                                                                                           |                                                            |                |     |   |  |
| <b><u>Granolithic</u></b>                                                                                                                                                                                                                          |                                                            |                |     |   |  |
| 65                                                                                                                                                                                                                                                 | 25mm Thick on floors                                       | m <sup>2</sup> | 15  |   |  |
| <b><u>EXTERNAL PLASTER</u></b>                                                                                                                                                                                                                     |                                                            |                |     |   |  |
| <b><u>Cement plaster on brickwork</u></b>                                                                                                                                                                                                          |                                                            |                |     |   |  |
| 66                                                                                                                                                                                                                                                 | On walls                                                   | m <sup>2</sup> | 5   |   |  |
| <b><u>PAINTWORK</u></b>                                                                                                                                                                                                                            |                                                            |                |     |   |  |
| <b><u>FLOATED PLASTER SURFACES WITH</u></b>                                                                                                                                                                                                        |                                                            |                |     |   |  |
| <b><u>Prepare surfaces and remove all loose material, apply one coat plaster primer one universal under coat and two coats Micatex or other approved paint</u></b>                                                                                 |                                                            |                |     |   |  |
| 67                                                                                                                                                                                                                                                 | On walls                                                   | m <sup>2</sup> | 5   |   |  |
| <b><u>Prepare surfaces and remove all loose material, dust, grease, salts and contamination with degreaser, rinse and apply one coat metal primer, apply one universal undercoat and two coats High Gloss Enamel paint on galvanised steel</u></b> |                                                            |                |     |   |  |
| 68                                                                                                                                                                                                                                                 | Balustrading (both sides measured over the full flat area) | m <sup>2</sup> | 24  |   |  |
| <b><u>THE FOLLOWING IN SCREEN WALLS</u></b>                                                                                                                                                                                                        |                                                            |                |     |   |  |
| <b><u>EARTHWORKS</u></b>                                                                                                                                                                                                                           |                                                            |                |     |   |  |
| <b><u>Excavation in earth not exceeding 2m deep</u></b>                                                                                                                                                                                            |                                                            |                |     |   |  |
| 69                                                                                                                                                                                                                                                 | Trenches                                                   | m <sup>3</sup> | 6   |   |  |
| <b><u>Extra over excavation in earth for excavation in</u></b>                                                                                                                                                                                     |                                                            |                |     |   |  |
| 70                                                                                                                                                                                                                                                 | Soft rock                                                  | m <sup>3</sup> | 0.3 |   |  |
| 71                                                                                                                                                                                                                                                 | Hard rock                                                  | m <sup>3</sup> | 1   |   |  |
| <b>Carried to Collection</b>                                                                                                                                                                                                                       |                                                            |                |     | R |  |
| External works                                                                                                                                                                                                                                     |                                                            |                |     |   |  |
| Bill No. 2                                                                                                                                                                                                                                         |                                                            |                |     |   |  |
| Paving and ramps                                                                                                                                                                                                                                   |                                                            |                |     |   |  |

|                                                                                                                                      |                                                                                                                                                          |                |       |  |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|--|
| <b><u>Extra over all excavations for carting away</u></b>                                                                            |                                                                                                                                                          |                |       |  |
| 72                                                                                                                                   | Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor | m <sup>3</sup> | 5     |  |
| <b><u>Risk of collapse of excavations</u></b>                                                                                        |                                                                                                                                                          |                |       |  |
| 73                                                                                                                                   | Sides of trench and hole excavations not exceeding 1,5m deep                                                                                             | m <sup>2</sup> | 21    |  |
| <b><u>Keeping excavations free of water</u></b>                                                                                      |                                                                                                                                                          |                |       |  |
| 74                                                                                                                                   | Keeping excavations free of water                                                                                                                        |                | Item  |  |
| <b><u>Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 93% Mod AASHTO density</u></b> |                                                                                                                                                          |                |       |  |
| 75                                                                                                                                   | Backfilling to trenches, holes, etc                                                                                                                      | m <sup>3</sup> | 2     |  |
| <b><u>CONCRETE</u></b>                                                                                                               |                                                                                                                                                          |                |       |  |
| NOTE : Work Group No 110 for JBCC CPAP purposes                                                                                      |                                                                                                                                                          |                |       |  |
| <b><u>REINFORCED CONCRETE</u></b>                                                                                                    |                                                                                                                                                          |                |       |  |
| <b><u>30MPa/19mm concrete cast against excavated surfaces</u></b>                                                                    |                                                                                                                                                          |                |       |  |
| 76                                                                                                                                   | Strip footings                                                                                                                                           | m <sup>3</sup> | 4     |  |
| <b><u>MOVEMENT JOINTS ETC</u></b>                                                                                                    |                                                                                                                                                          |                |       |  |
| <b><u>Expansion joints with softboard between vertical brick surfaces</u></b>                                                        |                                                                                                                                                          |                |       |  |
| 77                                                                                                                                   | 20mm Joint not exceeding 300mm high                                                                                                                      | m              | 4     |  |
| <b><u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u></b>                          |                                                                                                                                                          |                |       |  |
| 78                                                                                                                                   | 10 x 10mm In expansion joints in floors                                                                                                                  | m              | 8     |  |
| <b><u>REINFORCEMENT</u></b>                                                                                                          |                                                                                                                                                          |                |       |  |
| <b><u>Mild steel reinforcement to structural concrete work</u></b>                                                                   |                                                                                                                                                          |                |       |  |
| 79                                                                                                                                   | 8mm Diameter bars                                                                                                                                        | t              | 0.020 |  |
| <b>Carried to Collection</b>                                                                                                         |                                                                                                                                                          |                | R     |  |
| External works                                                                                                                       |                                                                                                                                                          |                |       |  |
| Bill No. 2                                                                                                                           |                                                                                                                                                          |                |       |  |
| Paving and ramps                                                                                                                     |                                                                                                                                                          |                |       |  |

|                                                                                                                                                                    |                                                |                |       |   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------|-------|---|--|
| <b><u>High tensile steel reinforcement to structural concrete work</u></b>                                                                                         |                                                |                |       |   |  |
| 80                                                                                                                                                                 | 12mm Diameter bars                             | t              | 0.418 |   |  |
| <b><u>BRICKWORK</u></b>                                                                                                                                            |                                                |                |       |   |  |
| <b><u>Brickwork of NFP bricks in class II mortar</u></b>                                                                                                           |                                                |                |       |   |  |
| 81                                                                                                                                                                 | One brick walls                                | m <sup>2</sup> | 42    |   |  |
| <b><u>Brickwork reinforcement</u></b>                                                                                                                              |                                                |                |       |   |  |
| 82                                                                                                                                                                 | 150mm Wide reinforcement built in horizontally | m              | 164   |   |  |
| <b><u>PLASTERING</u></b>                                                                                                                                           |                                                |                |       |   |  |
| <b><u>EXTERNAL PLASTER</u></b>                                                                                                                                     |                                                |                |       |   |  |
| <b><u>Cement plaster on brickwork</u></b>                                                                                                                          |                                                |                |       |   |  |
| 83                                                                                                                                                                 | On walls                                       | m <sup>2</sup> | 84    |   |  |
| 84                                                                                                                                                                 | On narrow widths                               | m <sup>2</sup> | 5     |   |  |
| <b><u>PAINTWORK</u></b>                                                                                                                                            |                                                |                |       |   |  |
| <b><u>FLOATED PLASTER SURFACES WITH</u></b>                                                                                                                        |                                                |                |       |   |  |
| <b><u>Prepare surfaces and remove all loose material, apply one coat plaster primer one universal under coat and two coats Micatex or other approved paint</u></b> |                                                |                |       |   |  |
| 85                                                                                                                                                                 | On walls                                       | m <sup>2</sup> | 88    |   |  |
| Carried to Collection                                                                                                                                              |                                                |                |       | R |  |
| External works                                                                                                                                                     |                                                |                |       |   |  |
| Bill No. 2                                                                                                                                                         |                                                |                |       |   |  |
| Paving and ramps                                                                                                                                                   |                                                |                |       |   |  |



| Item<br>No | SECTION NO. 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Quantity | Rate | Amount<br>R |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|
|            | <p><b><u>BILL NO. 3</u></b></p> <p><b><u>STORMWATER DRAINAGE, SOIL DRAINAGE AND WATER SUPPLY (PROVISIONAL)</u></b></p> <p>NOTE : Tenderers are advised to study the 'Specification of Materials and Methods to be used' (PW 371-A and B, July 2013) before pricing this bill</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>uPVC pipes and fittings</u></p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings</p> <p><u>uPVC pressure pipes and fittings</u></p> <p>Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p> <p><u>High density polyethylene (HDPE) pipes and fittings</u></p> <p>Pipes shall be type IV and of the class specified with compression fittings</p> <p><u>Reducing fittings</u></p> <p>Where fittings have reducing ends or branches they are described as "reducing" and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained</p> |          |      |             |
|            | Carried to Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      | R           |
|            | External works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |      |             |
|            | Bill No. 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |      |             |
|            | Stormwater drainage, soil drainage and water supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |      |             |

### Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level

## Disinfection of water pipework

Water pipework is to be disinfected at completion in accordance with SABS 1200L (provision for disinfection elsewhere)

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled

Where no manufacturers' instructions exist, pipes shall be laid in accordance with Clauses 5.1 and 5.2 of each of the following:

SABS 1200L : Medium-pressure pipelines

SABS 1200LD : Sewers

SABS 1200LE : Stormwater drainage

Pipe trenches, etc shall be backfilled in accordance with  
Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB :  
Earthworks (Pipe trenches)

Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes)

Unless otherwise described bedding of rigid pipes shall be Class B bedding

### General

Descriptions of pipes laid in and including trenches and of inspection chambers, catch pits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 93% Mod AASHTO density and disposal of surplus material on site

Descriptions of service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes (adaptors for connections to copper pipes, etc are given separately)

**Carried to Collection**

## External works

Bill No. 3

Stormwater drainage, soil drainage and water supply

R

|                                                                                                                                                                                            |                                                                                                                                                                                         |                |    |   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----|---|--|
| <b><u>STORMWATER DRAINAGE</u></b>                                                                                                                                                          |                                                                                                                                                                                         |                |    |   |  |
| NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density                                                                            |                                                                                                                                                                                         |                |    |   |  |
| <b><u>STORMWATER DRAINAGE</u></b>                                                                                                                                                          |                                                                                                                                                                                         |                |    |   |  |
| <b><u>uPVC</u></b>                                                                                                                                                                         |                                                                                                                                                                                         |                |    |   |  |
| 1                                                                                                                                                                                          | 110mm Pipes laid in and including trenches not exceeding 1m deep                                                                                                                        | m              | 21 |   |  |
| 2                                                                                                                                                                                          | 160mm Pipes laid in and including trenches exceeding 1m and not exceeding 2m deep                                                                                                       | m              | 32 |   |  |
| <b><u>Concrete stormwater channels</u></b>                                                                                                                                                 |                                                                                                                                                                                         |                |    |   |  |
| 3                                                                                                                                                                                          | 750 x 350mm Channel with segmental channel formed therein and finished smooth on exposed surfaces including two Y12 steel reinforcing bars, including necessary excavation and formwork | m              | 53 |   |  |
| 4                                                                                                                                                                                          | Extra over for angles, intersections, ends, etc                                                                                                                                         | No             | 5  |   |  |
| <b><u>Sump, catchpits, etc including excavations, 100mm thick 20MPa concrete bottom, one brick walls with plaster to inside and 100mm thick concrete coping slab rebated all round</u></b> |                                                                                                                                                                                         |                |    |   |  |
| 5                                                                                                                                                                                          | Catchpit 600 x 600mm and exceeding 500 and not exceeding 750mm deep and including cast iron dished grating and frame                                                                    | No             | 6  |   |  |
| <b><u>SUNDRIES</u></b>                                                                                                                                                                     |                                                                                                                                                                                         |                |    |   |  |
| 6                                                                                                                                                                                          | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock                                                                                             | m <sup>3</sup> | 3  |   |  |
| 7                                                                                                                                                                                          | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock                                                                                             | m <sup>3</sup> | 5  |   |  |
| 8                                                                                                                                                                                          | Extra over excavation for pipe trenches, chambers, etc for carting away surplus material to a dumping site to be located by the contractor                                              | m <sup>3</sup> | 8  |   |  |
| 9                                                                                                                                                                                          | Extra over backfilling to drain trenches, chambers, etc for suitable earth backfilling supplied by the contractor                                                                       | m <sup>3</sup> | 8  |   |  |
| 10                                                                                                                                                                                         | Concrete encasing to 110mm horizontal pipes                                                                                                                                             | m              | 21 |   |  |
| <b>Carried to Collection</b>                                                                                                                                                               |                                                                                                                                                                                         |                |    | R |  |
| External works                                                                                                                                                                             |                                                                                                                                                                                         |                |    |   |  |
| Bill No. 3                                                                                                                                                                                 |                                                                                                                                                                                         |                |    |   |  |
| Stormwater drainage, soil drainage and water supply                                                                                                                                        |                                                                                                                                                                                         |                |    |   |  |



|    |                                                                                                                                            |                |      |   |  |
|----|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|---|--|
| 22 | 1000mm Diameter inspection chamber exceeding 1000mm and not exceeding 1500mm deep internally                                               | No             | 1    |   |  |
|    | <b><u>Cast iron covers etc</u></b>                                                                                                         |                |      |   |  |
| 23 | Heavy duty precast concrete manhole cover and frame                                                                                        | No             | 2    |   |  |
| 24 | Lifting-key for manhole cover (handed to employer)                                                                                         | No             | 1    |   |  |
|    | <b><u>SUNDRIES</u></b>                                                                                                                     |                |      |   |  |
| 25 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock                                                | m <sup>3</sup> | 7    |   |  |
| 26 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock                                                | m <sup>3</sup> | 14   |   |  |
| 27 | Extra over excavation for pipe trenches, chambers, etc for carting away surplus material to a dumping site to be located by the contractor | m <sup>3</sup> | 20   |   |  |
| 28 | Extra over backfilling to drain trenches, chambers, etc for suitable earth backfilling supplied by the contractor                          | m <sup>3</sup> | 20   |   |  |
| 29 | Concrete encasing to 110mm horizontal pipes                                                                                                | m              | 120  |   |  |
|    | <b><u>Testing</u></b>                                                                                                                      |                |      |   |  |
| 30 | Testing soil drainage system                                                                                                               |                | Item |   |  |
|    | <b><u>WATER SUPPLIES</u></b>                                                                                                               |                |      |   |  |
|    | NOTE : All excavations are measured as being in "earth" and/or filling compacted to 98% modified AASHTO density                            |                |      |   |  |
|    | <b><u>Class 10 HDPE type IV pipes</u></b>                                                                                                  |                |      |   |  |
| 31 | 25mm Pipes laid in and including trenches not exceeding 1m deep                                                                            | m              | 50   |   |  |
| 32 | 40mm Pipes laid in and including trenches not exceeding 1m deep                                                                            | m              | 5    |   |  |
|    | <b><u>Extra over Class 10 HDPE type IV pipes for compression fittings</u></b>                                                              |                |      |   |  |
| 33 | 25mm Fittings                                                                                                                              | No             | 9    |   |  |
| 34 | 40mm Stop end                                                                                                                              | No             | 1    |   |  |
|    | <b>Carried to Collection</b>                                                                                                               |                |      | R |  |
|    | External works                                                                                                                             |                |      |   |  |
|    | Bill No. 3                                                                                                                                 |                |      |   |  |
|    | Stormwater drainage, soil drainage and water supply                                                                                        |                |      |   |  |

|    |                                                                                                                                            |                |      |  |  |
|----|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|------|--|--|
| 35 | 40 x 25mm Reducer                                                                                                                          | No             | 2    |  |  |
| 36 | 40mm Elbow                                                                                                                                 | No             | 3    |  |  |
| 37 | 40mm Tee                                                                                                                                   | No             | 2    |  |  |
| 38 | 40 x 25mm Reducing tee                                                                                                                     | No             | 2    |  |  |
|    | <b><u>Galvanized mild steel pipes</u></b>                                                                                                  |                |      |  |  |
| 39 | 20mm Pipes                                                                                                                                 | m              | 4    |  |  |
|    | <b><u>Extra over galvanized mild steel pipes for fittings</u></b>                                                                          |                |      |  |  |
| 40 | 20mm Fittings                                                                                                                              | No             | 8    |  |  |
|    | <b><u>VALVES, ETC</u></b>                                                                                                                  |                |      |  |  |
|    | <b><u>Valves, etc. including joints to pipes and/or fittings</u></b>                                                                       |                |      |  |  |
| 41 | 15mm Brass hose bib tap                                                                                                                    | No             | 4    |  |  |
| 42 | 25mm Gate valve including connections to pipe                                                                                              | No             | 3    |  |  |
| 43 | 40mm Gate valve including connections to pipe                                                                                              | No             | 2    |  |  |
|    | <b><u>STOPCOCK BOXES, ETC</u></b>                                                                                                          |                |      |  |  |
|    | <b><u>Precast concrete circular valve chambers including precast concrete bottom and cover slabs and precast concrete cover</u></b>        |                |      |  |  |
| 44 | 675mm Diameter inspection chamber 1000mm deep internally                                                                                   | No             | 5    |  |  |
|    | <b><u>TESTING</u></b>                                                                                                                      |                |      |  |  |
| 45 | Testing the water supply installation                                                                                                      |                | Item |  |  |
|    | <b><u>SUNDRIES</u></b>                                                                                                                     |                |      |  |  |
| 46 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in soft rock                                                | m <sup>3</sup> | 3    |  |  |
| 47 | Extra over excavation in earth for pipe trenches, chambers, etc for excavation in hard rock                                                | m <sup>3</sup> | 6    |  |  |
| 48 | Extra over excavation for pipe trenches, chambers, etc for carting away surplus material to a dumping site to be located by the contractor | m <sup>3</sup> | 8    |  |  |
|    | <b>Carried to Collection</b>                                                                                                               |                |      |  |  |
|    | External works                                                                                                                             |                |      |  |  |
|    | Bill No. 3                                                                                                                                 |                |      |  |  |
|    | Stormwater drainage, soil drainage and water supply                                                                                        |                |      |  |  |





| Item<br>No |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Quantity | Rate | Amount<br>R                                                             |
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|            | <b><u>SECTION NO. 3</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |      |                                                                         |
|            | <b><u>BILL NO. 4</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |      |                                                                         |
|            | <p data-bbox="204 409 347 443"><b><u>FENCING</u></b></p> <p data-bbox="204 470 794 533">The perimeter fence consist of Heavy, high security welded panel fence, with rectangular mesh</p> <p data-bbox="204 566 279 600"><b><u>Posts</u></b></p> <ul data-bbox="204 622 847 779" style="list-style-type: none"> <li>• Bekafix Secure 70 x 44 x 2.0mm x 3400 mm long. (I Profile)</li> <li>• Set posts vertically into ground at 3000mm centres.</li> <li>• Longer posts will be required where fence steps &gt; 200mm.</li> </ul> <p data-bbox="204 813 363 846"><b><u>Foundations</u></b></p> <ul data-bbox="204 869 847 965" style="list-style-type: none"> <li>• Cast 400 x 400 x 700 deep 15MPa/19 stone at each post.</li> <li>• Ground conditions may require additional concrete.</li> </ul> <p data-bbox="204 999 555 1032"><b><u>Heavy Security Mesh Panels</u></b></p> <ul data-bbox="204 1055 847 1440" style="list-style-type: none"> <li>• Mesh panels shall be ref. 35 10 3V, fabricated from high tensile steel with a weld strength of 60% and a tensile strength of 500N/mm<sup>2</sup>.</li> <li>• Horizontal and vertical wires shall have a core diameter of 3.00mm with a tolerance of +/- 0,0 7mm</li> <li>• Apertures shall be 76.2mm W x 12.7mm H c/c of wires.</li> <li>• Panels are laterally strengthened by incorporation of 3 x 43mm deep, V-profiled horizontal stiffener bends.</li> <li>• Panel finish size tolerance s: width +/- 2.0mm and height +/-6mm □ Mesh panels are manufactured with Zincalu wire (Galfan).</li> </ul> <p data-bbox="204 1473 502 1507"><b><u>Vandal Resistant Fixing</u></b></p> <ul data-bbox="204 1529 847 1742" style="list-style-type: none"> <li>• To Posts: Mini spider fixators bolted through the post using M8 anti-vandal cupsquare bolts, shear-off nuts &amp; flat washers.</li> <li>• Top spike rail: Bolted using M8 anti-vandal cupsquare bolts, shear-off nuts &amp; Fender washers.</li> <li>• All fasteners and fixing screws shall be Grade 316 Stainless Steel.</li> </ul> <p data-bbox="619 1906 869 1939" style="text-align: right;"><b>Carried to Collection</b></p> <p data-bbox="204 1944 422 2040">External works<br/>Bill No. 4<br/>Fencing and gates</p> |          |      | <div data-bbox="1241 1899 1265 1933" style="text-align: right;">R</div> |

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| <b><u>Anti Climb Over Prevention</u></b>                                                                                                                                                                                                                                                                                                                    |                                                                                                                    |                |     |   |  |
| <ul style="list-style-type: none"> <li>At the top, a purpose bent Z- profile combo sawtooth serrated edge spike/rail 40 x 20 x 40 x 2.5mm thick fabricated from 100mm wide sheet metal strip shall cap over the mesh panel and be fixed to the mesh to deter climbing.</li> </ul>                                                                           |                                                                                                                    |                |     |   |  |
| <b><u>Corrosion Protection</u></b>                                                                                                                                                                                                                                                                                                                          |                                                                                                                    |                |     |   |  |
| <b><u>Initial Coating</u></b>                                                                                                                                                                                                                                                                                                                               |                                                                                                                    |                |     |   |  |
| <ul style="list-style-type: none"> <li>Mesh Panels: Zincalu.</li> <li>Posts/Structure /Rails/Spikes : HD Galvanised.</li> </ul>                                                                                                                                                                                                                             |                                                                                                                    |                |     |   |  |
| <b><u>Additional Coating</u></b>                                                                                                                                                                                                                                                                                                                            |                                                                                                                    |                |     |   |  |
| <ul style="list-style-type: none"> <li>Fence Mesh Panels, Posts, Structure &amp; Spike rails shall be uniformly PVC coated, which is free of lead, cadmium and D OP, to a minimum thickness of</li> <li>Organic coatings on steel wire - Part 2: PVC finished wire.</li> <li>Finish colours shall be either RAL 7021 Anthracite or RAL 6005 Gree</li> </ul> |                                                                                                                    |                |     |   |  |
| <b><u>THE FOLLOWING IN CONCRETE BEAM BELOW FENCE</u></b>                                                                                                                                                                                                                                                                                                    |                                                                                                                    |                |     |   |  |
| <b><u>EARTHWORKS</u></b>                                                                                                                                                                                                                                                                                                                                    |                                                                                                                    |                |     |   |  |
| <b><u>Site clearance</u></b>                                                                                                                                                                                                                                                                                                                                |                                                                                                                    |                |     |   |  |
| 1                                                                                                                                                                                                                                                                                                                                                           | Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth | m <sup>2</sup> | 155 |   |  |
| <b><u>Excavate in earth not exceeding 2m deep below natural, elevated or reduced ground level for</u></b>                                                                                                                                                                                                                                                   |                                                                                                                    |                |     |   |  |
| 2                                                                                                                                                                                                                                                                                                                                                           | Trenches                                                                                                           | m <sup>3</sup> | 12  |   |  |
| <b><u>Extra over trench and hole excavations in earth for excavation in</u></b>                                                                                                                                                                                                                                                                             |                                                                                                                    |                |     |   |  |
| 3                                                                                                                                                                                                                                                                                                                                                           | Soft rock                                                                                                          | m <sup>3</sup> | 1   |   |  |
| 4                                                                                                                                                                                                                                                                                                                                                           | Hard rock                                                                                                          | m <sup>3</sup> | 1   |   |  |
| <b>Carried to Collection</b>                                                                                                                                                                                                                                                                                                                                |                                                                                                                    |                |     | R |  |
| External works                                                                                                                                                                                                                                                                                                                                              |                                                                                                                    |                |     |   |  |
| Bill No. 4                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                    |                |     |   |  |
| Fencing and gates                                                                                                                                                                                                                                                                                                                                           |                                                                                                                    |                |     |   |  |

|                                                                                                             |                                                                                                                                                          |                |     |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| <b><u>Extra over all excavations for carting away</u></b>                                                   |                                                                                                                                                          |                |     |
| 5                                                                                                           | Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor | m <sup>3</sup> | 12  |
| <b><u>Risk of collapse of excavations</u></b>                                                               |                                                                                                                                                          |                |     |
| 6                                                                                                           | Sides of trench and hole excavations to not exceeding 1,5m deep                                                                                          | m <sup>2</sup> | 77  |
| <b><u>Keeping excavations free of water</u></b>                                                             |                                                                                                                                                          |                |     |
| 7                                                                                                           | Keeping excavations free from water and mud                                                                                                              | Item           |     |
| <b><u>Weed killer</u></b>                                                                                   |                                                                                                                                                          |                |     |
| 8                                                                                                           | To bottoms and sides of trenches                                                                                                                         | m <sup>2</sup> | 100 |
| <b><u>CONCRETE</u></b>                                                                                      |                                                                                                                                                          |                |     |
| <b><u>20MPa/20mm concrete</u></b>                                                                           |                                                                                                                                                          |                |     |
| 9                                                                                                           | Ground beam                                                                                                                                              | m <sup>3</sup> | 12  |
| <b><u>Finishing top surfaces of concrete smooth with a wood float and ripple paint roller finish</u></b>    |                                                                                                                                                          |                |     |
| 10                                                                                                          | Striking of and curing with wood float on top of beams                                                                                                   | m <sup>2</sup> | 23  |
| <b><u>SMOOTH FORMWORK</u></b>                                                                               |                                                                                                                                                          |                |     |
| 11                                                                                                          | Edges, risers, ends and reveals exceeding 300mm high or wide                                                                                             | m              | 77  |
| <b><u>MOVEMENT JOINTS ETC</u></b>                                                                           |                                                                                                                                                          |                |     |
| <b><u>Expansion joints with 10mm softboard between vertical concrete surfaces</u></b>                       |                                                                                                                                                          |                |     |
| 12                                                                                                          | Exceeding 300mm high through ground beams                                                                                                                | m <sup>2</sup> | 77  |
| <b><u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer, etc</u></b> |                                                                                                                                                          |                |     |
| 13                                                                                                          | 10 x 10mm In expansion joints in floors                                                                                                                  | m              | 77  |
| <b>Carried to Collection</b>                                                                                |                                                                                                                                                          |                | R   |
| External works<br>Bill No. 4<br>Fencing and gates                                                           |                                                                                                                                                          |                |     |

**FENCING**

- 14 2000mm High security fence in 3000mm wide heavy security panels with 3mm tension steel, including 70 x 44 x 2mm wall thickness mild steel hollow section top rail, security spikes and cross coiled razor barbed wire on top and fittings. Strictly according to the manufacturers specification.

m

77

- 15 70 x 44 x 2mm Wall thickness mild steel I profile post 3400mm long with 2mm cover plate welded on top, mass concrete (20 MPa) base size 400 x 400 x 700mm deep, excavations, backfilling, ramming, etc.

No

30

**Carried to Collection**

R

External works  
Bill No. 4  
Fencing and gates





| Item No |                                                                                                                                                                                                                                                                                                                      | Quantity | Rate | Amount R   |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|
|         | <b><u>SECTION NO. 4</u></b>                                                                                                                                                                                                                                                                                          |          |      |            |
|         | <b><u>BILL NO. 1</u></b>                                                                                                                                                                                                                                                                                             |          |      |            |
|         | <b><u>EMPLOYMENT AND TRAINING OF LABOUR ON THE EPWP-NYS INFRASTRUCTURE PROJECTS</u></b>                                                                                                                                                                                                                              |          |      |            |
|         | <b><u>SUPPLEMENTARY PREAMBLES</u></b>                                                                                                                                                                                                                                                                                |          |      |            |
|         | Tenderers are advised to study the Additional Specification SL: Employment and Training of Labour on the Expanded Public Works Programme (EPWP) Infrastructure Projects: National Youth Service, as bound elsewhere in the Specification section of these procurement documents and then price this bill accordingly |          |      |            |
|         | <b><u>TRAINING OF YOUTH WORKERS(TARGET: 12 YOUTH WORKERS)</u></b>                                                                                                                                                                                                                                                    |          |      |            |
|         | <b><u>Orientation and life skills development and Technical training</u></b>                                                                                                                                                                                                                                         |          |      |            |
| 1       | Provide the sum of R192 000.00 (One Hundred and Ninety Two Thousand Rand) net for 30 days skills development and training for youth workers                                                                                                                                                                          | Item     |      | 192 000.00 |
| 2       | Allow for profit on last if required                                                                                                                                                                                                                                                                                 | Item     |      |            |
| 3       | Allow for attendance                                                                                                                                                                                                                                                                                                 | Item     |      |            |
|         | Penalty per youth worker due to not meeting the target is R2000.00                                                                                                                                                                                                                                                   |          |      |            |
|         | <b><u>EMPLOYMENT OF YOUTH WORKERS</u></b>                                                                                                                                                                                                                                                                            |          |      |            |
| 4       | Provide the sum of R224 400.00 (Two Hundred and Twenty Four Thousand Four Hundred Rand) net for the employment of youth workers                                                                                                                                                                                      | Item     |      | 224 400.00 |
| 5       | Allow for profit on last if required                                                                                                                                                                                                                                                                                 | Item     |      |            |
| 6       | Allow for attendance                                                                                                                                                                                                                                                                                                 | Item     |      |            |
|         | <b>Carried to Collection</b>                                                                                                                                                                                                                                                                                         |          | R    |            |
|         | Employment and training for labour and EPWP-NYS Bill No. 1                                                                                                                                                                                                                                                           |          |      |            |
|         | Employment and training for labour and EPWP-NYS                                                                                                                                                                                                                                                                      |          |      |            |

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| <b><u>PROVISION OF EPWP DESIGNED OVERHALLS, HARD HATS AND SAFETY BOOTS TO YOUTH WORKERS</u></b> |                                                                                                                                                                                                    |      |  |           |  |
| 7                                                                                               | Provide the sum of R11 200.00 (Eleven Thousand Two Hundred Rand) net for the supply of EPWP designed overalls, hard hats and safety boots to youth workers                                         | Item |  | 11 200.00 |  |
| 8                                                                                               | Allow for profit on last if required                                                                                                                                                               | Item |  |           |  |
| 9                                                                                               | Allow for attendance                                                                                                                                                                               | Item |  |           |  |
| <b><u>PROVISION OF SMALL TOOLS FOR YOUTH WORKERS</u></b>                                        |                                                                                                                                                                                                    |      |  |           |  |
| 10                                                                                              | Provide the sum of R18 000.00 (Eighteen Thousand Rand) net for the supply of small tools to youth workers. Specification to be supplied by the EPWP-NYS Service provider for the respective trades | Item |  | 18 000.00 |  |
| 11                                                                                              | Allow for profit on last if required                                                                                                                                                               | Item |  |           |  |
| 12                                                                                              | Allow for attendance                                                                                                                                                                               | Item |  |           |  |
| <b><u>PROVISION FOR MEDICAL FITNESS TEST FOR YOUTH WORKERS</u></b>                              |                                                                                                                                                                                                    |      |  |           |  |
| 13                                                                                              | Provide the sum of R7 560.00 (Seven Thousand Five Hundred and Sixty Rand) net for the medical fitness test for the learners before coming on site                                                  | Item |  | 7 560.00  |  |
| 14                                                                                              | Allow for profit on last if required                                                                                                                                                               | Item |  |           |  |
| 15                                                                                              | Allow for attendance                                                                                                                                                                               | Item |  |           |  |
| <b><u>PROVISION FOR GRADUATION CEREMONY OF THE LEARNERS AND EXTERNAL STAKEOLDERS</u></b>        |                                                                                                                                                                                                    |      |  |           |  |
| 16                                                                                              | Provide the sum of R13 500.00 (Thirteen Thousand Five Hundred Rand) net for the provisional for the graduation ceremony of the learners and external stakeholders                                  | Item |  | 13 500.00 |  |
| 17                                                                                              | Allow for profit on last if required                                                                                                                                                               | Item |  |           |  |
| 18                                                                                              | Allow for attendance                                                                                                                                                                               | Item |  |           |  |
| <b>Carried to Collection</b>                                                                    |                                                                                                                                                                                                    |      |  | R         |  |
| Employment and training for labour and EPWP-NYS                                                 |                                                                                                                                                                                                    |      |  |           |  |
| Bill No. 1                                                                                      |                                                                                                                                                                                                    |      |  |           |  |
| Employment and training for labour and EPWP-NYS                                                 |                                                                                                                                                                                                    |      |  |           |  |

**PROVISION OF EPWP-NYS SUPERVISOR FOR YOUTH WORKERS**

19 Provide the sum of R60 000.00 (Sixty Thousand Rand) net for the supervisor as appointed by the main contractor

Item

60 000.00

20 Allow for profit on last if required

Item

21 Allow for attendance

Item

**Liason with Service Provider**

22 Liason with Service Provider

Hrs

50.00

**EPWP-NYS Name board**

23 EPWP-NYS Name board

Item

**Carried to Collection**

Employment and training for labour and EPWP-NYS  
Bill No. 1  
Employment and training for labour and EPWP-NYS

R





| Section No | FINAL SUMMARY                                                                                                                                  | Page No |   | Amount R |  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------|---|----------|--|
| 1          | Preliminaries                                                                                                                                  | 30      |   |          |  |
| 2          | Building Works                                                                                                                                 | 109     |   |          |  |
| 3          | External works                                                                                                                                 | 135     |   |          |  |
| 4          | Employment and training for labour and EPWP-NYS                                                                                                | 139     |   |          |  |
| 5          | Provisional sums                                                                                                                               | 140     |   |          |  |
|            | Electrical Installation summary of Electrical Engineer's Bills of Quantities <i>(Total must include main contractor profit and attendance)</i> | Item    |   |          |  |
|            | Subtotal                                                                                                                                       |         | R |          |  |
|            | ADD: Value added Tax at 15%                                                                                                                    |         | R |          |  |
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**T2.2 RETURNABLE DOCUMENTS REQUIRED FOR TENDER  
EVALUATION PURPOSES**

## PA-11: DECLARATION OF INTEREST AND BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

Failure to complete this form in full and signed by the duly authorized person, as indicated on PA-15.1 or PA-15.3, shall render the tender non-responsive and will be removed from any and all further contention.

|                |                                                                                     |               |                   |
|----------------|-------------------------------------------------------------------------------------|---------------|-------------------|
| Project title: | <i>Upington:Employment and Labour:Total refurbishment of existing labour office</i> |               |                   |
| Bid no:        | KM 13/2021                                                                          | Reference no: | 19/2/4/2/2349/192 |

The following particulars must be furnished. In the case of a joint venture, separate declarations in respect of each partner must be completed and submitted.

### 1. CIDB REGISTRATION NUMBER (if applicable)

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2. Any legal person, including persons employed by the State<sup>1</sup>; or persons having a kinship with persons employed by the state, including a blood relationship, may make an offer or offers in terms of this invitation to bid (includes a price quotation, advertised competitive bid, limited bid or proposal). In view of possible allegations of favouritism, should the resulting bid, or part thereof, be awarded to persons employed by the state, or to persons connected with or related to them, it is required that the bidder or his/her authorised representative declare his/her position in relation to the evaluating/adjudicating authority and/or take an oath declaring his/her interest, where:

- The bidder is employed by the state; and/or
- The legal person on whose behalf the bidding document is signed, has a relationship with persons/a person who are/is involved in the evaluation and or adjudication of the bid(s), or where it is known that such a relationship exists between the person or persons for or on whose behalf the declarant acts and persons who are involved with the evaluation and or adjudication of the bid.

### 3. In order to give effect to the above, the following questionnaire must be completed and submitted with the bid.

3.1 Full Name of bidder or his or her representative: .....

3.2 Identity number:.....

3.3 Position occupied in the Company (director, trustees, shareholder<sup>2</sup> ect .....

3.4 Company Registration Number: .....

3.5 Tax Reference umber:.....

3.6 VAT Registration Number: .....

3.6.1 The names of all directors / trustees / shareholders / members, their individual identity numbers, tax reference numbers and, if applicable, employee / persal numbers must be indicated in paragraph 3 below.

<sup>1</sup> "State" means –

- (a) any national or provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No. 1 of 1999);
- (b) any municipality or municipal entity;
- (c) provincial legislature;
- (d) national Assembly or the national Council of provinces; or
- (e) Parliament.

<sup>2</sup> "Shareholder" means –

- (a) a person who owns shares in the company and is actively involved in the management of the enterprise or business and exercise control over the enterprise

3.7 Are you or any person connected with the bidder presently employed by the state?

☐ YES ☐ NO

3.7.1 If so, furnish the following particulars:

Name of person / director /trustees/shareholder/ member:.....

Name of state institution at which you or the person

is connected to the bidder is employed .....

Position occupied in the state institution:.....

Any other particulars:

.....  
.....

3.8 Did you or your spouse, or any of the company's directors / trustees/shareholders / members or their spouses conduct business with the state in the previous twelve months?

☐ YES ☐ NO

3.8.1 If so, furnish particulars:.....

.....

3.9 Do you, or any person connected with the bidder, have any relationship (family, friend, other) with a person employed by the state and who may be involved with the evaluation and or adjudication of this bid?

☐ YES ☐ NO

3.9.1 If so, furnish particulars.

.....  
.....

3.10 Are you, or any person connected with the bidder, aware of any relationship (family, friend, other) between the bidder and any person employed by the state who may be involved with the

## Declaration of interest and bidder's past Supply Chain Management practices: PA-11

evaluation and or adjudication of this bid?

☐ YES ☐ NO

3.10.1 If so, furnish particulars.

.....  
.....

3.11 Do you or any of the directors /trustees/shareholders/ members of the company have any interest in any other related companies whether or not they are bidding for this contract?

☐ YES ☐ NO

3.11.1 If so, furnish particulars:

.....  
.....

### 4. Full details of directors / trustees / members / shareholders.

| Full Name | Identity Number | Personal Tax Reference Number | State Employee Number / Persal Number |
|-----------|-----------------|-------------------------------|---------------------------------------|
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |
|           |                 |                               |                                       |

### 5. DECLARATION OF TENDERER / BIDDER'S PAST SUPPLY CHAIN MANAGEMENT PRACTICES

|     |                                                                                                                                                                                                                                                                                                                                                            |                              |                             |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------|
| 5.1 | Is the tenderer / bidder or any of its directors listed on the National Treasury's database as companies or persons prohibited from doing business with the public sector?<br>(Companies or persons who are listed on this database were informed in writing of this restriction by the National Treasury after the audi alteram partem rule was applied). | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5.2 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                |                              |                             |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |                                |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| 5.3 | Is the tenderer / bidder or any of its directors listed on the Register for Tender Defaulters in terms of section 29 of the Prevention and Combating of Corrupt Activities Act (No 12 of 2004)?<br><b>To access this Register enter the National Treasury's website, <a href="http://www.treasury.gov.za">www.treasury.gov.za</a>, click on the icon "Register for Tender Defaulters" or submit your written request for a hard copy of the Register to facsimile number (012) 3265445.</b> | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>No |
| 5.4 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                |
| 5.5 | Was the tenderer / bidder or any of its directors convicted by a court of law (including a court outside of the Republic of South Africa) for fraud or corruption during the past five years?                                                                                                                                                                                                                                                                                               | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>No |
| 5.6 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                |
| 5.7 | Was any contract between the tenderer / bidder and any organ of state terminated during the past five years on account of failure to perform on or comply with the contract?                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/><br>Yes | <input type="checkbox"/><br>No |
| 5.8 | If so, furnish particulars:                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                |

## 6. CERTIFICATION

I the undersigned (full name) \_\_\_\_\_ certify that the information furnished on this declaration form is true and correct.

I accept that, in addition to cancellation of a contract, action may be taken against me should this declaration prove to be false.

|                           |           |      |          |
|---------------------------|-----------|------|----------|
|                           |           |      |          |
| Name of Tenderer / bidder | Signature | Date | Position |

This form has been aligned with SBD4 and SBD 8

## PA- 29: CERTIFICATION OF INDEPENDENT BID DETERMINATION

|                       |                                                                              |                      |                     |
|-----------------------|------------------------------------------------------------------------------|----------------------|---------------------|
| <b>Project title:</b> | Upington:Employment and Labour:Total refurbishment of existing labour office |                      |                     |
| <b>Bid no:</b>        | KM 13/2021                                                                   | <b>Reference no:</b> | 19/2/4/2/2/2349/192 |

### INTRODUCTION

1. This PA-29 [Certificate of Independent Bid Determination] must form part of all bids<sup>1</sup> invited.
2. Section 4 (1) (b) (iii) of the Competition Act No. 89 of 1998, as amended, prohibits an agreement between, or concerted practice by, firms, or a decision by an association of firms, if it is between parties in a horizontal relationship and if it involves collusive bidding (or bid rigging).<sup>2</sup> Collusive bidding is a *pe se* prohibition meaning that it cannot be justified under any grounds.
3. Treasury Regulation 16A9 prescribes that accounting officers and accounting authorities must take all reasonable steps to prevent abuse of the supply chain management system and authorizes accounting officers and accounting authorities to:
  - a. disregard the bid of any bidder if that bidder, or any of its directors have abused the institution's supply chain management system and or committed fraud or any other improper conduct in relation to such system.
  - b. cancel a contract awarded to a supplier of goods and services if the supplier committed any corrupt or fraudulent act during the bidding process or the execution of that contract.
4. This form (PA-29) serves as a certificate of declaration that would be used by institutions to ensure that, when bids are considered, reasonable steps are taken to prevent any form of bid-rigging.
5. In order to give effect to the above, the attached Certificate of Bid Determination (PA-29) must be completed and submitted with the bid:

---

<sup>1</sup> Includes price quotations, advertised competitive bids, limited bids and proposals.

<sup>2</sup> Bid rigging (or collusive bidding) occurs when businesses, that would otherwise be expected to compete, secretly conspire to raise prices or lower the quality of goods and / or services for purchasers who wish to acquire goods and / or services through a bidding process. Bid rigging is, therefore, an agreement between competitors not to compete.

## **CERTIFICATE OF INDEPENDENT BID DETERMINATION**

I, the undersigned, in submitting the accompanying bid:

---

**(Bid Number and Description)**

in response to the invitation for the bid made by:

---

**(Name of Institution)**

do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of: \_\_\_\_\_ that:

**(Name of Bidder)**

1. I have read and I understand the contents of this Certificate.
2. I understand that the accompanying bid will be disqualified if this Certificate is found not to be true and complete in every respect.
3. I am authorized by the bidder to sign this Certificate, and to submit the accompanying bid, on behalf of the bidder.
4. Each person whose signature appears on the accompanying bid has been authorized by the bidder to determine the terms of, and to sign the bid, on behalf of the bidder.
5. For the purposes of this Certificate and the accompanying bid, I understand that the word "competitor" shall include any individual or organization, other than the bidder, whether or not affiliated with the bidder, who:
  - (a) has been requested to submit a bid in response to this bid invitation;
  - (b) could potentially submit a bid in response to this bid invitation, based on their qualifications, abilities or experience; and

- (c) provides the same goods and services as the bidder and/or is in the same line of business as the bidder.
6. The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium<sup>3</sup> will not be construed as collusive bidding.
7. In particular, without limiting the generality of paragraphs 6 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
- (a) prices;
  - (b) geographical area where product or service will be rendered (market allocation)
  - (c) methods, factors or formulas used to calculate prices;
  - (d) the intention or decision to submit or not to submit, a bid;
  - (e) the submission of a bid which does not meet the specifications and conditions of the bid; or
  - (f) bidding with the intention not to win the bid.
8. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the products or services to which this bid invitation relates.
9. The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public

<sup>3</sup> Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

|                |           |      |          |
|----------------|-----------|------|----------|
|                |           |      |          |
| Name of Bidder | Signature | Date | Position |

## PA-15.1: RESOLUTION OF BOARD OF DIRECTORS

**RESOLUTION** of a meeting of the Board of \*Directors / Members / Partners of:

\_\_\_\_\_  
(legally correct full name and registration number, if applicable, of the Enterprise)

Held at \_\_\_\_\_ (place)

on \_\_\_\_\_ (date)

### RESOLVED that:

- The Enterprise submits a Bid / Tender to the Department of Public Works in respect of the following project:

\_\_\_\_\_  
(project description as per Bid / Tender Document)

Bid / Tender Number: \_\_\_\_\_ (Bid / Tender Number as per Bid / Tender Document)

- \*Mr/Mrs/Ms: \_\_\_\_\_

in \*his/her Capacity as: \_\_\_\_\_ (Position in the Enterprise)

and who will sign as follows: \_\_\_\_\_

be, and is hereby, authorised to sign the Bid / Tender, and any and all other documents and/or correspondence in connection with and relating to the Bid / Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid / Tender to the Enterprise mentioned above.

|    | Name | Capacity | Signature |
|----|------|----------|-----------|
| 1  |      |          |           |
| 2  |      |          |           |
| 3  |      |          |           |
| 4  |      |          |           |
| 5  |      |          |           |
| 6  |      |          |           |
| 7  |      |          |           |
| 8  |      |          |           |
| 9  |      |          |           |
| 10 |      |          |           |
| 11 |      |          |           |
| 12 |      |          |           |
| 13 |      |          |           |
| 14 |      |          |           |



|    |  |  |  |
|----|--|--|--|
| 15 |  |  |  |
| 16 |  |  |  |
| 17 |  |  |  |
| 18 |  |  |  |
| 19 |  |  |  |
| 20 |  |  |  |

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

**Note:**

1. \* Delete which is not applicable.
2. **NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

**ENTERPRISE STAMP**

## PA-15.2: RESOLUTION OF BOARD OF DIRECTORS TO ENTER INTO CONSORTIA OR JOINT VENTURES

**RESOLUTION** of a meeting of the Board of \*Directors / Members / Partners of:

\_\_\_\_\_  
\_\_\_\_\_  
(Legally correct full name and registration number, if applicable, of the Enterprise)

Held at \_\_\_\_\_ (place)

on \_\_\_\_\_ (date)

### RESOLVED that:

1. The Enterprise submits a Bid /Tender, in consortium/Joint Venture with the following Enterprises:

\_\_\_\_\_  
\_\_\_\_\_  
(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to the Department of Public Works in respect of the following project:

\_\_\_\_\_  
\_\_\_\_\_  
(Project description as per Bid /Tender Document)

Bid / Tender Number: \_\_\_\_\_ (Bid / Tender Number as per Bid / Tender Document)

2. \*Mr/Mrs/Ms: \_\_\_\_\_  
in \*his/her Capacity as: \_\_\_\_\_ (Position in the Enterprise)  
and who will sign as follows: \_\_\_\_\_

be, and is hereby, authorised to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above.

3. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with the Department in respect of the project described under item 1 above.
4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with the Department in respect of the project under item 1 above:

Physical address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (code)

Postal Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (code)

Telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

|    | Name | Capacity | Signature |
|----|------|----------|-----------|
| 1  |      |          |           |
| 2  |      |          |           |
| 3  |      |          |           |
| 4  |      |          |           |
| 5  |      |          |           |
| 6  |      |          |           |
| 7  |      |          |           |
| 8  |      |          |           |
| 9  |      |          |           |
| 10 |      |          |           |
| 11 |      |          |           |
| 12 |      |          |           |
| 13 |      |          |           |
| 14 |      |          |           |
| 15 |      |          |           |

*The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed*

**Note:**

1. \* Delete which is not applicable.
2. **NB:** This resolution must, where possible, be signed by all the Directors / Members / Partners of the Bidding Enterprise.
3. In the event that paragraph 2 cannot be complied with, the resolution must be signed by Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (attach proof of shareholding / ownership hereto).
4. Directors / Members / Partners of the Bidding Enterprise may alternatively appoint a person to sign this document on behalf of the Bidding Enterprise, which person must be so authorized by way of a duly completed power of attorney, signed by the Directors / Members / Partners holding a majority of the shares / ownership of the Bidding Enterprise (proof of shareholding / ownership and power of attorney are to be attached hereto).
5. Should the number of Directors / Members / Partners exceed the space available above, additional names and signatures must be supplied on a separate page.

**ENTERPRISE STAMP**

## PA-15.3: SPECIAL RESOLUTION OF CONSORTIA OR JOINT VENTURES

**RESOLUTION** of a meeting of the duly authorised representatives of the following legal entities who have entered into a consortium/joint venture to jointly bid for the project mentioned below: *(legally correct full names and registration numbers, if applicable, of the Enterprises forming a Consortium/Joint Venture)*

1. \_\_\_\_\_  
\_\_\_\_\_
2. \_\_\_\_\_  
\_\_\_\_\_
3. \_\_\_\_\_  
\_\_\_\_\_
4. \_\_\_\_\_  
\_\_\_\_\_
5. \_\_\_\_\_  
\_\_\_\_\_
6. \_\_\_\_\_  
\_\_\_\_\_
7. \_\_\_\_\_  
\_\_\_\_\_
8. \_\_\_\_\_  
\_\_\_\_\_

Held at \_\_\_\_\_ (place)

on \_\_\_\_\_ (date)

### RESOLVED that:

#### RESOLVED that:

- A. The above-mentioned Enterprises submit a Bid in Consortium/Joint Venture to the Department of Public Works in respect of the following project:

\_\_\_\_\_  
\_\_\_\_\_  
*(Project description as per Bid /Tender Document)*

Bid / Tender Number: \_\_\_\_\_ *(Bid / Tender Number as per Bid /Tender Document)*

B. \*Mr/Mrs/Ms: \_\_\_\_\_

in \*his/her Capacity as: \_\_\_\_\_ (Position in the Enterprise)

and who will sign as follows: \_\_\_\_\_

be, and is hereby, authorised to sign the Bid, and any and all other documents and/or correspondence in connection with and relating to the Bid, as well as to sign any Contract, and any and all documentation, resulting from the award of the Bid to the Enterprises in Consortium/Joint Venture mentioned above.

C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of:

\_\_\_\_\_

D. The Enterprises to the Consortium/Joint Venture accept joint and several liability for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.

E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 days written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.

F. No Enterprise to the Consortium/Joint Venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the Consortium/Joint Venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (code)

Postal Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ (code)

Telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

|    | Name | Capacity | Signature |
|----|------|----------|-----------|
| 1  |      |          |           |
| 2  |      |          |           |
| 3  |      |          |           |
| 4  |      |          |           |
| 5  |      |          |           |
| 6  |      |          |           |
| 7  |      |          |           |
| 8  |      |          |           |
| 9  |      |          |           |
| 10 |      |          |           |
| 11 |      |          |           |
| 12 |      |          |           |
| 13 |      |          |           |
| 14 |      |          |           |
| 15 |      |          |           |

The bidding enterprise hereby absolves the Department of Public Works from any liability whatsoever that may arise as a result of this document being signed.

**Note:**

1. \* Delete which is not applicable.
2. **NB:** This resolution must be signed by all the Duly Authorised Representatives of the Legal Entities to the consortium/joint venture submitting this tender, as named in item 2 of Resolution PA-15.2.
3. Should the number of the Duly Authorised Representatives of the Legal Entities joining forces in this tender exceed the space available above, additional names, capacity and signatures must be supplied on a separate page.
4. Resolution PA-15.2, duly completed and signed, from the separate Enterprises who participate in this consortium/joint venture, must be attached to this Special Resolution (PA-15.3).

## DPW-16 (EC): SITE INSPECTION MEETING CERTIFICATE

|                       |                                                                                       |                      |                            |
|-----------------------|---------------------------------------------------------------------------------------|----------------------|----------------------------|
| <b>Project title:</b> | <i>Upington: Employment and Labour: Total refurbishment of existing labour office</i> |                      |                            |
| <b>Tender no:</b>     | <i>KIM 13/2021</i>                                                                    | <b>Reference no:</b> | <i>19/2/4/2/2/2349/192</i> |
| <b>Closing date:</b>  | <i>12 November 2021</i>                                                               |                      |                            |

This is to certify that I, \_\_\_\_\_ representing  
 \_\_\_\_\_ in the company of  
 \_\_\_\_\_ visited the site on: \_\_\_\_\_

I have made myself familiar with all local conditions likely to influence the work and the cost thereof. I further certify that I am satisfied with the description of the work and explanations given at the site inspection meeting and that I understand perfectly the work to be done, as specified and implied, in the execution of this contract.

|                  |           |      |
|------------------|-----------|------|
|                  |           |      |
| Name of Tenderer | Signature | Date |

|                            |           |      |
|----------------------------|-----------|------|
|                            |           |      |
| Name of DPW Representative | Signature | Date |

## PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2017

This preference form must form part of all bids invited. It contains general information and serves as a claim form for preference points for Broad-Based Black Economic Empowerment (B-BBEE) Status Level of Contribution

**NB: BEFORE COMPLETING THIS FORM, BIDDERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF B-BBEE, AS PRESCRIBED IN THE PREFERENTIAL PROCUREMENT REGULATIONS, 2017.**

### 1. GENERAL CONDITIONS

1.1. The following preference point systems are applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2.

- a) The value of this bid is estimated to not exceed R50 000 000 (all applicable taxes included) and therefore the 80/20 preference point system shall be applicable; or
- b) Either the 80/20 or 90/10 preference point system will be applicable to this tender (*delete whichever is not applicable for this tender*).

1.3. Points for this bid shall be awarded for:

- (a) Price; and
- (b) B-BBEE Status Level of Contributor.

1.4. The maximum points for this bid are allocated as follows:

|                                                          | POINTS     |
|----------------------------------------------------------|------------|
| <b>PRICE</b>                                             | 80         |
| <b>B-BBEE STATUS LEVEL OF CONTRIBUTOR</b>                | 20         |
| <b>Total points for Price and B-BBEE must not exceed</b> | <b>100</b> |

1.5. Failure on the part of a bidder to submit proof of B-BBEE Status level of contributor together with the bid, will be interpreted to mean that preference points for B-BBEE status level of contribution are not claimed.

1.6. The purchaser reserves the right to require of a bidder, either before a bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the purchaser.

## 2. DEFINITIONS

- (a) **“B-BBEE”** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- (b) **“B-BBEE status level of contributor”** means the B-BBEE status of an entity in terms of a code of good practice on black economic empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- (c) **“bid”** means a written offer in a prescribed or stipulated form in response to an invitation by an organ of state for the provision of goods or services, through price quotations, advertised competitive bidding processes or proposals;
- (d) **“Broad-Based Black Economic Empowerment Act”** means the Broad-Based Black Economic Empowerment Act, 2003 (Act No. 53 of 2003);
- (e) **“EME”** means an Exempted Micro Enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (f) **“functionality”** means the ability of a tenderer to provide goods or services in accordance with specifications as set out in the tender documents.
- (g) **“prices”** includes all applicable taxes less all unconditional discounts;
- (h) **“proof of B-BBEE status level of contributor”** means:
  - 1) B-BBEE Status level certificate issued by an authorized body or person;
  - 2) A sworn affidavit as prescribed by the B-BBEE Codes of Good Practice;
  - 3) Any other requirement prescribed in terms of the B-BBEE Act;
- (i) **“QSE”** means a qualifying small business enterprise in terms of a code of good practice on black economic empowerment issued in terms of section 9 (1) of the Broad-Based Black Economic Empowerment Act;
- (j) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

### 3. POINTS AWARDED FOR PRICE

### 1.1. THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20

or

**90/10**

$$P_s = 80 \left( 1 - \frac{Pt - P_{\min}}{P_{\min}} \right) \quad \text{or} \quad P_s = 90 \left( 1 - \frac{Pt - P_{\min}}{P_{\min}} \right)$$

Where

Ps = Points scored for price of bid under consideration

Pt = Price of bid under consideration

$P_{min}$  = Price of lowest acceptable bid

Any reference to words "Bid" or Bidder herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

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For Internal Use

Effective date April 2018

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Version: 1.4



#### 4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTOR

- 1.1. In terms of Regulation 6 (2) and 7 (2) of the Preferential Procurement Regulations, preference points must be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

| B-BBEE Status Level of Contributor | Number of points (90/10 system) | Number of points (80/20 system) |
|------------------------------------|---------------------------------|---------------------------------|
| 1                                  | 10                              | 20                              |
| 2                                  | 9                               | 18                              |
| 3                                  | 6                               | 14                              |
| 4                                  | 5                               | 12                              |
| 5                                  | 4                               | 8                               |
| 6                                  | 3                               | 6                               |
| 7                                  | 2                               | 4                               |
| 8                                  | 1                               | 2                               |
| Non-compliant contributor          | 0                               | 0                               |

#### 5. BID DECLARATION

- 1.1. Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

#### 6. B-BBEE STATUS LEVEL OF CONTRIBUTOR CLAIMED IN TERMS OF PARAGRAPHS 1.4 AND 4.1

- 1.1. B-BBEE Status Level of Contributor: . = .....(maximum of 10 or 20 points)  
(Points claimed in respect of paragraph 7.1 must be in accordance with the table reflected in paragraph 4.1 and must be substantiated by relevant proof of B-BBEE status level of contributor.

#### 7. SUB-CONTRACTING

- 1.1. Will any portion of the contract be sub-contracted?

(Tick applicable box)

|     |  |    |  |
|-----|--|----|--|
| YES |  | NO |  |
|-----|--|----|--|

- 7.1.1 If yes, indicate:

- i) What percentage of the contract will be subcontracted.....%
- ii) The name of the sub-contractor.....
- iii) The B-BBEE status level of the sub-contractor.....
- iv) Whether the sub-contractor is an EME or QSE

(Tick applicable box)

|     |  |    |  |
|-----|--|----|--|
| YES |  | NO |  |
|-----|--|----|--|

- v) Specify, by ticking the appropriate box, if subcontracting with an enterprise in terms of Preferential Procurement Regulations, 2017:

| Designated Group: An EME or QSE which is at least 51% owned by:   | EME<br>✓ | QSE<br>✓ |
|-------------------------------------------------------------------|----------|----------|
| Black people                                                      |          |          |
| Black people who are youth                                        |          |          |
| Black people who are women                                        |          |          |
| Black people with disabilities                                    |          |          |
| Black people living in rural or underdeveloped areas or townships |          |          |
| Cooperative owned by black people                                 |          |          |
| Black people who are military veterans                            |          |          |
| <b>OR</b>                                                         |          |          |
| Any EME                                                           |          |          |
| Any QSE                                                           |          |          |

**8. DECLARATION WITH REGARD TO COMPANY/FIRM**

1.1. Name of company/firm:.....

1.2. VAT registration number:.....

1.3. Company registration number:.....

1.4. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium  
☐ One person business/sole propriety  
☐ Close corporation  
☐ Company  
☐ (Pty) Limited  
[TICK APPLICABLE BOX]

1.5. DESCRIBE PRINCIPAL BUSINESS ACTIVITIES

.....  
.....  
.....  
.....

1.6. COMPANY CLASSIFICATION

- ☐ Manufacturer  
☐ Supplier  
☐ Professional service provider  
☐ Other service providers, e.g. transporter, etc.  
[TICK APPLICABLE BOX]

1.7. Total number of years the company/firm has been in business:.....

1.8. I/we, the undersigned, who is / are duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the B-BBE status level of contributor indicated in

paragraphs 1.4 and 6.1 of the foregoing certificate, qualifies the company/ firm for the preference(s) shown and I / we acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 6.1, the contractor may be required to furnish documentary proof to the satisfaction of the purchaser that the claims are correct;
- iv) If the B-BBEE status level of contributor has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the purchaser may, in addition to any other remedy it may have –
  - (a) disqualify the person from the bidding process;
  - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
  - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
  - (d) recommend that the bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted by the National Treasury from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
  - (e) forward the matter for criminal prosecution.

WITNESSES

## DPW-09 (EC): PARTICULARS OF TENDERER'S PROJECTS

|                               |                                                                                 |                         |                  |  |
|-------------------------------|---------------------------------------------------------------------------------|-------------------------|------------------|--|
| <b>Project title:</b>         | . Upington:Employment and Labour: Total refurbishment of existing labour office |                         |                  |  |
| <b>Tender / quotation no:</b> | KIM 13/2021                                                                     | <b>Closing date:</b>    | 12 November 2021 |  |
| <b>Advertising date:</b>      | 22 October 2021                                                                 | <b>Validity period:</b> | 90 days          |  |

### 1. PARTICULARS OF THE TENDERER'S CURRENT AND PREVIOUS COMMITMENTS

#### 1.1. Current projects

| Projects currently engaged in | Name of Employer or Representative of Employer | Contact tel. no. | Contract sum | Contractual commence-ment date | Contractual completion date | Current percentage progress |
|-------------------------------|------------------------------------------------|------------------|--------------|--------------------------------|-----------------------------|-----------------------------|
| 1                             |                                                |                  |              |                                |                             |                             |
| 2                             |                                                |                  |              |                                |                             |                             |
| 3                             |                                                |                  |              |                                |                             |                             |
| 4                             |                                                |                  |              |                                |                             |                             |
| 5                             |                                                |                  |              |                                |                             |                             |
| 6                             |                                                |                  |              |                                |                             |                             |
| 7                             |                                                |                  |              |                                |                             |                             |
| 8                             |                                                |                  |              |                                |                             |                             |

**1.2. Completed projects**

| Projects completed in the previous 5 (five) years | Name of Employer or Representative of Employer | Contact tel. no. | Contract sum | Contractual commencement date | Contractual completion date | Date of Certificate of Practical Completion |
|---------------------------------------------------|------------------------------------------------|------------------|--------------|-------------------------------|-----------------------------|---------------------------------------------|
| 1                                                 |                                                |                  |              |                               |                             |                                             |
| 2                                                 |                                                |                  |              |                               |                             |                                             |
| 3                                                 |                                                |                  |              |                               |                             |                                             |
| 4                                                 |                                                |                  |              |                               |                             |                                             |
| 5                                                 |                                                |                  |              |                               |                             |                                             |
| 6                                                 |                                                |                  |              |                               |                             |                                             |
| 7                                                 |                                                |                  |              |                               |                             |                                             |
| 8                                                 |                                                |                  |              |                               |                             |                                             |
| 9                                                 |                                                |                  |              |                               |                             |                                             |

|                  |           |      |
|------------------|-----------|------|
|                  |           |      |
| Name of Tenderer | Signature | Date |



## PA-36: DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

### 1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such tenders with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for tenders referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBEE.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand  
y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) at 12:00 on the date of advertisement of the bid as indicated in paragraph 4.1 below.

**The SABS approved technical specification number SATS 1286:2011 is accessible on <http://www.thedti.gov.za/industrial development/ip.jsp> at no cost.**



1.6. A bid may be disqualified if this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation;

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

| <u>Description of services, works or goods</u> | <u>Stipulated minimum threshold</u> |
|------------------------------------------------|-------------------------------------|
| <u>Electrical cables</u>                       | <u>100</u> %                        |
| <u>Cement</u>                                  | <u>100</u> %                        |
| <u>Electrical wiring</u>                       | <u>100</u> %                        |

3. Does any portion of the goods or services offered have any imported content?

(Tick applicable box)

|     |                          |    |                          |
|-----|--------------------------|----|--------------------------|
| YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on [www.reservebank.co.za](http://www.reservebank.co.za)

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

| <b>Currency</b> | <b>Rates of exchange</b> |
|-----------------|--------------------------|
| US Dollar       |                          |
| Pound Sterling  |                          |
| Euro            |                          |
| Yen             |                          |
| Other           |                          |

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

**LOCAL CONTENT DECLARATION**  
**(REFER TO ANNEX B OF SATS 1286:2011)**

**LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)**



IN RESPECT OF BID NO. ....

ISSUED BY: (Procurement Authority / Name of Institution):  
.....

NB

- 1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.
- 2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on [http://www.thdti.gov.za/industrial\\_development/ip.jsp](http://www.thdti.gov.za/industrial_development/ip.jsp). Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, ..... (full names),  
do hereby declare, in my capacity as .....  
of .....(name of bidder  
entity), the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
  - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

|                                                                    |   |
|--------------------------------------------------------------------|---|
| Bid price, excluding VAT (y)                                       | R |
| Imported content(x), as calculated in terms of SATS 1286:2011      | R |
| Stipulated minimum threshold for local content (paragraph 3 above) |   |
| Local content %, as calculated in terms of SATS 1286:2011          |   |

**If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.**

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.



public works

Department:  
Public Works  
REPUBLIC OF SOUTH AFRICA

**Declaration Certificate for Local Production and Content for Designated Sectors:**  
*(This form has been aligned with NT - SBD 6.2)*

**PA36**

- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

**SIGNATURE:**

**DATE:** \_\_\_\_\_

**WITNESS No. 1**

**DATE:** \_\_\_\_\_

**WITNESS No. 2**

**DATE:** \_\_\_\_\_

Any reference to words "Bid" or "Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer". Page 4 of 4

## Local Content Declaration - Summary Schedule

**Note: VAT to be excluded from all calculations**

|      |                           |
|------|---------------------------|
| (C1) | Tender No.                |
| (C2) | Tender description:       |
| (C3) | Designated product(s)     |
| (C4) | Tender Authority:         |
| (C5) | Tendering Entity name:    |
| (C6) | Tender Exchange Rate:     |
| (C7) | Specified local content % |

\_\_\_\_\_ **EU** \_\_\_\_\_ **GBP**

| Specified local content % |               | Calculation of local content   |                         |                                               |                |             |                            |                                                         | Tender summary     |                                 |                        |  |
|---------------------------|---------------|--------------------------------|-------------------------|-----------------------------------------------|----------------|-------------|----------------------------|---------------------------------------------------------|--------------------|---------------------------------|------------------------|--|
| Tender item no's          | List of items | Tender price - each (excl VAT) | Exempted imported value | Tender value net of exempted imported content | Imported value | Local value | Local content % (per item) | Tender Qty                                              | Total tender value | Total exempted imported content | Total imported content |  |
| (C8)                      | (C9)          | (C10)                          | (C11)                   | (C12)                                         | (C13)          | (C14)       | (C15)                      | (C16)                                                   | (C17)              | (C18)                           | (C19)                  |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            |                                                         |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            | (C20) Total tender value                                |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            | (C21) Total Exempt imported content                     |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            | (C22) Total Tender value net of exempt imported content |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            | (C23) Total imported content                            |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            | (C24) Total local content                               |                    |                                 |                        |  |
|                           |               |                                |                         |                                               |                |             |                            | (C25) Average local content % of tender                 |                    |                                 |                        |  |

Signature of tenderer from Annex B

**Signature of tenderer from Annex B**

Date: \_\_\_\_\_

|      |                        |      |
|------|------------------------|------|
| (D1) | Tender No.             |      |
| (D2) | Tender description:    |      |
| (D3) | Designated Products:   |      |
| (D4) | Tender Authority:      |      |
| (D5) | Tendering Entity name: |      |
| (D6) | Tender Exchange Rate:  | Pula |

|    |        |     |         |
|----|--------|-----|---------|
| EU | R 9.00 | GBP | R 12.00 |
|----|--------|-----|---------|

### Calculation of imported content

(D19) Total exempt imported value

### Calculation of imported content

(D32) Total imported value by tenderer

### Calculation of imported content

(D45) Total imported value by 3rd party

### Calculation of foreign currency payments

### Summary of payments

(051)

(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above

**Signature of tenderer from Annex B**

Date: \_\_\_\_\_

## Annex E

## Local Content Declaration - Supporting Schedule to Annex C

|      |                        |  |
|------|------------------------|--|
| (E1) | Tender No.             |  |
| (E2) | Tender description:    |  |
| (E3) | Designated products:   |  |
| (E4) | Tender Authority:      |  |
| (E5) | Tendering Entity name: |  |

**Note:** VAT to be excluded from all calculations

| Local Products<br>(Goods, Services and<br>Works) | Description of items purchased                        | Local suppliers | Value |
|--------------------------------------------------|-------------------------------------------------------|-----------------|-------|
|                                                  | (E6)                                                  | (E7)            | (E8)  |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  |                                                       |                 |       |
|                                                  | (E9) Total local products (Goods, Services and Works) |                 |       |

(E10) **Manpower costs** (Tenderer's manpower cost)

(E11) **Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.)

(E12) **Administration overheads and mark-up** (Marketing, insurance, financing, interest etc.)

(E13) **Total local content**

This total must correspond with Annex C - C24

Signature of tenderer from Annex B

Date:

**T2.2 RETURNABLE DOCUMENTS THAT WILL BE INCORPORATED INTO  
THE CONTRACT**



## PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

Name of Tenderer ..... ☐ EME<sup>1</sup> ☐ QSE<sup>2</sup> ☐ Non EME/QSE (tick applicable box)

### 1. LIST ALL PROPRIETORS, MEMBERS OR SHAREHOLDERS BY NAME, IDENTITY NUMBER, CITIZENSHIP AND DESIGNATED GROUPS.

| Name and Surname # | Identity/<br>Passport number<br>and Citizenship## | Percentage<br>owned | Black                                                    | Indicate if<br>youth                                     | Indicate if<br>woman                                     | Indicate if<br>person with<br>disability                 | Indicate if living in<br>Rural (R) / Under<br>Developed Area (UD) /<br>Township (T) / Urban<br>(U).          | Indicate if<br>military<br>veteran                       |
|--------------------|---------------------------------------------------|---------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 2.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 3.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 4.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 5.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 6.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 7.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 8.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 9.                 |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 10.                |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 11.                |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 12.                |                                                   | %                   | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> R <input type="checkbox"/> UD <input type="checkbox"/> T <input type="checkbox"/> U | <input type="checkbox"/> Yes <input type="checkbox"/> No |

# Where Owners are themselves a Company, Close Corporation, Partnership etc, identify the ownership of the Holding Company, together with Registration number  
## State date of South African citizenship obtained (not applicable to persons born in South Africa)

<sup>1</sup> EME: Exempted Micro Enterprise

<sup>2</sup> QSE: Qualifying Small Business Enterprise

## PA- 40: DECLARATION OF DESIGNATED GROUPS FOR PREFERENTIAL PROCUREMENT

### 2. DECLARATION:

The undersigned, who warrants that he/she is duly authorized to do so on behalf of the Tenderer, hereby confirms that:

- 1 The information and particulars contained in this Affidavit are true and correct in all respects;
- 2 The Broad-based Black Economic Empowerment Act, 2003 (Act 53 of 2003), Preferential Procurement Policy Framework Act, 2000 (Act 5 of 2000), the Preferential Procurement Regulations, 2017, National Small Business Act 102 of 1996 as amended and all documents pertaining to this Tender were studied and understood and that the above form was completed according to the definitions and information contained in said documents;
- 3 The Tenderer understands that any intentional misrepresentation or fraudulent information provided herein shall disqualify the Tenderer's offer herein, as well as any other tender offer(s) of the Tenderer simultaneously being evaluated, or will entitle the Employer to cancel any Contract resulting from the Tenderer's offer herein;
- 4 The Tenderer accepts that the Employer may exercise any other remedy it may have in law and in the Contract, including a claim for damages for having to accept a less favourable tender as a result of any such disqualification due to misrepresentation or fraudulent information provided herein;
- 5 Any further documentary proof required by the Employer regarding the information provided herein, will be submitted to the Employer within the time period as may be set by the latter;

**Signed by the Tenderer**

| Name of representative | Signature | Date |
|------------------------|-----------|------|

## DPW-21 (EC): RECORD OF ADDENDA TO TENDER DOCUMENTS

|                       |                                                                                            |                      |                                   |
|-----------------------|--------------------------------------------------------------------------------------------|----------------------|-----------------------------------|
| <b>Project title:</b> | <b><i>Upington:Employment and Labour:Total refurbishment of existing labour office</i></b> |                      |                                   |
| <b>Tender no:</b>     | <b><i>KIM 13/2021</i></b>                                                                  | <b>Reference no:</b> | <b><i>19/2/4/2/2/2349/192</i></b> |

1. I / We confirm that the following communications received from the Department of Public Works before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer: *(Attach additional pages if more space is required)*

|     | <b>Date</b> | <b>Title or Details</b> |
|-----|-------------|-------------------------|
| 1.  |             |                         |
| 2.  |             |                         |
| 3.  |             |                         |
| 4.  |             |                         |
| 5.  |             |                         |
| 6.  |             |                         |
| 7.  |             |                         |
| 8.  |             |                         |
| 9.  |             |                         |
| 10. |             |                         |
| 11. |             |                         |
| 12. |             |                         |
| 13. |             |                         |

|                         |                  |             |
|-------------------------|------------------|-------------|
|                         |                  |             |
| <b>Name of Tenderer</b> | <b>Signature</b> | <b>Date</b> |

2. I / We confirm that no communications were received from the Department of Public Works before the submission of this tender offer, amending the tender documents.

|                         |                  |             |
|-------------------------|------------------|-------------|
|                         |                  |             |
| <b>Name of Tenderer</b> | <b>Signature</b> | <b>Date</b> |



## DPW-15 (EC): SCHEDULE OF PROPOSED SUBCONTRACTORS

|                       |                                                                                     |                      |                            |
|-----------------------|-------------------------------------------------------------------------------------|----------------------|----------------------------|
| <b>Project title:</b> | <i>Upington:Employment and Labour:Total refurbishment of existing labour office</i> |                      |                            |
| <b>Tender no:</b>     | <i>KIM 13/2021</i>                                                                  | <b>Reference no:</b> | <i>19/2/4/2/2/2349/192</i> |

We notify you that it is our intention to employ the following Subcontractors for work in this contract.

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council.

|          | <b>Name and address of proposed Subcontractor</b> | <b>Nature and extent of work</b> | <b>Previous experience with Subcontractor</b> |
|----------|---------------------------------------------------|----------------------------------|-----------------------------------------------|
| <b>1</b> |                                                   |                                  |                                               |
| <b>2</b> |                                                   |                                  |                                               |
| <b>3</b> |                                                   |                                  |                                               |
| <b>4</b> |                                                   |                                  |                                               |
| <b>5</b> |                                                   |                                  |                                               |

|                               |                  |                 |             |
|-------------------------------|------------------|-----------------|-------------|
|                               |                  |                 |             |
| <b>Name of representative</b> | <b>Signature</b> | <b>Capacity</b> | <b>Date</b> |

|                              |  |
|------------------------------|--|
| <b>Name of organisation:</b> |  |
|------------------------------|--|

**DPW-22 (EC): PARTICULARS OF ELECTRICAL CONTRACTOR**

|                       |                                                                                     |                      |                     |
|-----------------------|-------------------------------------------------------------------------------------|----------------------|---------------------|
| <b>Project title:</b> | <i>Upington:Employment and Labour:Total refurbishment of existing labour office</i> |                      |                     |
| <b>Tender no:</b>     | KIM 13/2021                                                                         | <b>Reference no:</b> | 19/2/4/2/2/2349/192 |

|                                                                                               |  |
|-----------------------------------------------------------------------------------------------|--|
| <b>Name of Electrical Contractor:</b>                                                         |  |
| <b>Address:</b>                                                                               |  |
| <b>Electrical Contractor registration number at the Electrical Contracting Board of S.A.:</b> |  |

|                  |           |      |
|------------------|-----------|------|
|                  |           |      |
| Name of Tenderer | Signature | Date |

## PART 5: ELECTRICAL WORK MATERIAL SCHEDULE

The Contractor shall complete the following schedules and submit them to the Electrical Engineer within 21 days of the date of the acceptance of the tender.

The schedules will be scrutinised by the Electrical Engineer and should any material offered not comply with the requirements contained in the specification, the Contractor will be required to supply material in accordance with the contract at no additional cost.

**NB:** Only one manufacturer's name to be inserted for each item.

| Item | Material                         | Make or trade name | Country of origin |
|------|----------------------------------|--------------------|-------------------|
| 1.   | Distribution boards              |                    |                   |
| 2.   | Circuit breakers 1P, 2P, 3P      |                    |                   |
| 3.   | On load isolators without trips  |                    |                   |
| 4.   | Contactors 1P, 2P, 3P            |                    |                   |
| 5.   | Earth leakage relays 1 & 3 phase |                    |                   |
| 6.   | H.R.C. fuse switches             |                    |                   |
| 7.   | Kilowatt hour meter              |                    |                   |
| 8.   | Current transformers             |                    |                   |
| 9.   | Voltmeter                        |                    |                   |
| 10.  | Maximum demand ammeter           |                    |                   |
| 11.  | Daylight sensitive switch        |                    |                   |
| 12.  | Time switch                      |                    |                   |
| 13.  | Conduit                          |                    |                   |
| 14.  | Conduit boxes                    |                    |                   |
| 15.  | Power skirting                   |                    |                   |
| 16.  | Surface switches                 |                    |                   |
| 17.  | Watertight switches              |                    |                   |
| 18.  | 16A flush socket outlets         |                    |                   |
| 19.  | 16A surface socket outlets       |                    |                   |
| 20.  | 16A watertight socket outlets    |                    |                   |
| 21.  | Fluorescent luminaires           |                    |                   |
| 22.  | Type A                           |                    |                   |
|      | Type B                           |                    |                   |
|      | Type C                           |                    |                   |
|      | Type D                           |                    |                   |
|      | Etc.                             |                    |                   |
| 23.  | Bulkhead fittings: Type F        |                    |                   |
| 24.  | Spherical fittings: Type G       |                    |                   |
| 25.  | 4 plate stoves                   |                    |                   |
| 26.  | Convection heater                |                    |                   |
| 27.  | Fan heater                       |                    |                   |
| 28.  | Fans                             |                    |                   |
| 29.  | Clocks                           |                    |                   |
| 30.  | PVCA cable                       |                    |                   |
| 31.  | Cable trays                      |                    |                   |



## DPW-23 (EC): SCHEDULE FOR IMPORTED MATERIALS AND EQUIPMENT

|                |                                                                                       |               |                            |
|----------------|---------------------------------------------------------------------------------------|---------------|----------------------------|
| Project title: | <i>Upington: Employment and Labour: Total refurbishment of existing labour office</i> |               |                            |
| Tender no:     | <i>KIM 13/2021</i>                                                                    | Reference no: | <i>19/2/4/2/2/2349/192</i> |

This schedule should be completed by the tenderer. *(Attach additional pages if more space is required)*

| Item | Material / Equipment | Rand (R) (Excluding VAT) |
|------|----------------------|--------------------------|
| 1.   |                      | R                        |
| 2.   |                      | R                        |
| 3.   |                      | R                        |
| 4.   |                      | R                        |
| 5.   |                      | R                        |
| 6.   |                      | R                        |

**The Contractor shall list imported items, materials and/or equipment which shall be excluded from the Contract Price Adjustment Provisions (if applicable) and shall be adjusted in terms of currency fluctuations only.** Copies of the supplier's quotations for the items, materials or equipment (provided that such costs shall not be higher than the relevant contract rate as listed above) should be lodged with the Principal Agent / Engineer of the Department of Public Works within 60 (sixty) days from the date of acceptance of the tender. No adjustment of the local VAT amount, nor the contractor's profit, discount, mark-up, handling costs, etc. shall be allowed.

These net amounts will be adjusted as follows:

### FORMULA:

The net amount to be added to or deducted from the contract sum:

$$A = V \left( \frac{Z}{Y} - 1 \right)$$

A = the amount (R) of adjustment

V = the net amount (supplier's quotation) (R) of the imported item

Y = exchange rate at the closing date of tender submission

Z = exchange rate on the date of payment.

|                  |           |      |
|------------------|-----------|------|
|                  |           |      |
| Name of Tenderer | Signature | Date |

