

**DIVISION 01**  
**GENERAL REQUIREMENTS**

| Item | Description | Unit | Qty |
|------|-------------|------|-----|
|------|-------------|------|-----|

**GENERALLY**

Tenderers are to comply exactly with the pricing requirement of preliminaries, as presented hereafter

- A These preliminaries are applicable to the whole of the works. If the tenderer wishes to price any of the items contained herein, then each such item, clause or sub clause must be individually priced. The tendered shall not enter any lump sums covering more than one or all items, clauses and sub-clause. Where any item, clause or sub clause is not priced, it shall be deemed that the value is included in the rates for measured items elsewhere in these Schedule of Rates.
- B Tenderer will deemed to have examined the Drawings, the Specifications, to have read the Instructions to Tenderers, the Form of Agreement, the Conditions of Contract, the Form of Tender and to have visited the site and made themselves aware of all conditions including the supply of labor and materials, and are to allow in their tender for all costs, expenses, risks, liabilities and obligations set forth in or implied by the documents and drawings, and their tender price shall be deemed to include for supplying, installing, constructing, completing and maintaining the works in accordance with the terms of the Contract.

**DESCRIPTIONS**

- C The descriptions included in these Schedule of Rates to describe the workmanship and materials necessary for each items are not necessarily complete. The Tenderer is referred to the Conditions of Contract, Technical Specifications, other Documents and the Drawings, for further information concerning the work. No claim or variation will be considered on account of his failure to acquaint himself with such information.



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| <b><u>DESCRIPTIONS (CONT'D)</u></b> |             |      |     |

- A The tenderer shall satisfy himself as to the meaning of every item in the Schedule of Rates and the prices inserted by him will be deemed to cover all his obligations under the Contract and all matters and things necessary for the proper construction, completion and remedying of any defects including, but not by way of limitation, for all temporary works required (including any that may be required by sub-contractors, whether nominated or otherwise).  
The price shall include for all materials, furniture, fixtures and labor and for the provision and use of all plants (whether mechanical or non-mechanical ) required for the expeditious carrying out of the works in their proper sequence, including for shifting, altering and adapting such temporary work and plant as may be required during the progress of the works, and removing on completion and making good any surfaces disturbed; and if not included in a price inserted against the Conditions of Contract clause following, for the guarantees and bonds required for the costs of preparing a tender, for the work in connection with measurements and final account, for profit, and for all establishment charges and on costs of whatever nature. No claim for additional payment will be allowed for any error or misunderstanding by the Tenderer in these aspects.
- B The tenderer shall price all items for all sections which he considers have a value. If any item are not proceed by the Tenderer, they will be deemed to be of no value or that their value has been spread throughout the rates of the other items.

**CONDITIONS OF CONTRACT**

- C The conditions of contract shall be as contained within the Tender Documents. The tenderer shall allow for all costs of complying with the Conditions of Contract.

**MOBILIZATION / DEMOBILIZATION**

- |   |                                    |    |   |
|---|------------------------------------|----|---|
| D | Provide for general mobilization   | LS | 1 |
| E | Provide for general demobilization | LS | 1 |



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| Item                               | Description                                    | Unit | Qty |
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| <b><u>GENERAL REQUIREMENTS</u></b> |  |      |     |
| A                                  | Coordination and meetings                      | LS   | 1   |
| B                                  | Project Coordination                           | LS   | 1   |
| C                                  | Cutting and Patching                           | LS   | 1   |
| D                                  | Reference standards                            | LS   | 1   |
| E                                  | Submittals                                     | LS   | 1   |
| F                                  | Construction Progress Schedules                | LS   | 1   |
| G                                  | Network analysis schedules                     | LS   | 1   |
| H                                  | Quality control                                | LS   | 1   |
| I                                  | Testing services                               | LS   | 1   |
| J                                  | Construction facilities and temporary controls | LS   | 1   |
| K                                  | Safety and Security                            | LS   | 1   |
| L                                  | Access Roads and Parking Areas                 | LS   | 1   |
| M                                  | Traffic regulations                            | LS   | 1   |
| N                                  | Field offices and sheds                        | LS   | 1   |
| O                                  | Material and equipment                         | LS   | 1   |
| P                                  | Substitutions                                  | LS   | 1   |
| Q                                  | Starting of systems                            | LS   | 1   |
| R                                  | Contract closeout                              | LS   | 1   |
| S                                  | Operation and maintenance data                 | LS   | 1   |
| T                                  | Warranties and Insurance                       | LS   | 1   |
| U                                  | Shop Drawings and As Built Drawings            | LS   | 1   |



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**SPECIFIC REQUIREMENTS**

Tenderers are referred to the "Instruction of Tenderers" and are to price accordingly here

- |   |   |    |   |
|---|---|----|---|
| A | Allow the net Sum for the appointment of a Professional Design Consulting Firm and Specialist Consultants to undertake the completion of the design for this Contract | LS | 1 |
|---|---|----|---|

**SCHEDULE OF RATES**

- B The rates for all work are to include for all cutting (straight, raking or curved) as necessary
- C Earthworks is to include for earthwork support
- D Earthworks shall include for excavating in rock, unstable ground, existing Note materials and obstructions, cavity probing, below water level or any other condition
- E Earthworks shall include for the levelling and compacting bottoms and for Note keeping excavations free from water and treating the surface with anti-termite control
- F Filling shall include for compacting in layers and grading to contours
- G Concrete work shall include for all formworks
- H Concrete work shall include for all fair faced finish formwork
- I Reinforced concrete work shall include for all reinforcement
- J Masonry work is to include for faced or fair faced work as necessary
- K All timber sizes specified are finished sizes
- L Sawn and finished timber have not been separately identified
- M Door jambs, heads, linings, etc, have not been measured separately but are to be included in the item of the door



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| Item                                     | Description | Unit | Qty |
|--|-------------|------|-----|
| <b><u>SCHEDULE OF RATES (CONT'D)</u></b> |             |      |     |

- A Glazing is deemed to be included as part of the item which is glazed
- B Where stated in the description, items of work are to include for the application of decoration system
- C The rate for adhesive fixed wall tiling are to include for a cement and sand backing coat of the thickness necessary to bring out the tile face the required distance from the face of the supporting wall as shown on the drawings
- D The rates for finishing are to include for all fair joints, outlets, working over and around obstructions, pipes and the like, into recesses and shaped inserts
- E  
Patterned work is deemed to include all extra work involved
- F Suspended ceilings have been measured as the flat area irrespective of drop and bulkheads. The contractor is to allow for all work and material necessary for the varying levels of the suspended ceiling heights and for the construction of vertical bulkheads.
- G The rates for items of pipework are to allow for all fittings, valves and the like irrespective of size, except where so measured separately
- H Attendance on works by others is to include for decanting equipment from containers, unloading, storing, placing into position, unpacking and the installation of all connecting pipe work, controls and power cables, including the testing and commissioning of all equipment



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**SCHEDULE OF RATES (CONT'D)**

- A The item of Incidental works shall be deemed to include the following:

1. Identification, which shall include plates, discs, labels, charts and color coding

operating completed installations and providing fuel and power

3. Tools and spares, which shall include loose keys and consumable stores

4. Documents, which shall include drawings, operating instructions and maintenance manuals

5. Co-ordination with other Engineering installations

6. Cutting of forming holes, mortices, chases or the like and making good finishing

7. Building in or cutting and pinning brackets or the like and making good finishings

8. Removing protective coating or wrapping

9. Cleaning and polishing exposed surfaces

- B The tenderer is to price here for any obligation which has not been allowed for elsewhere. This includes for any item missed in the schedule of pricing but necessary for the completion of the works in accordance with tender documents. Failure to price here will be deemed that all obligations have been considered and their value if not priced specifically, has been spread throughout the rates of other items

LS 1



**DIVISION 02**  
**SITE WORKS**

| Item | Description | Qty | Unit |
|------|-------------|-----|------|
|------|-------------|-----|------|

The contractor is referred to the specifications and drawings for all details related to this section of the works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the items description.

The contractor shall provide all equipments, workmanship, and execute the required works to the satisfaction of the Engineer.

**SECTION 02510 WATER SUPPLY**

**HDPE PIPES**

Supply and installation of High Density Polyethylene HDPE 100 pipes conforming to EN12201 and DIN 8074 complete with excavation, backfilling, accessories, fittings, supports, expansion joints, brackets, connections, valves and necessary accessories material and labour to complete the job as described in the specifications and drawings .

Approved material: ULPI, Haykalplast, Kokoplast or equal.  
Diameter:

|   |        |     |   |
|---|--------|-----|---|
| A | Φ 90mm | 275 | m |
|---|--------|-----|---|

**SECTION 02513 PAVEMENTS-ASPHATIC**  
**CONCRETE**

Road Works including Compact Subgrade granular base course, asphalt concrete binder course 4 cm thick, asphalt concrete wearing course 4 cm thick, prime coat applied at a rate of 0.75 to 1.5 kg/m2, tack coat applied at a rate of 0.50 to 1 kg/m2 as shown on the drawings and described in the specifications.

|   |                              |     |    |
|---|------------------------------|-----|----|
| B | Asphalt 5cm thick (finished) | 820 | m2 |
|---|------------------------------|-----|----|



**DIVISION 02**  
**SITE WORKS**

| Item | Description | Qty | Unit |
|------|-------------|-----|------|
|------|-------------|-----|------|

**SECTION 02730 SANITARY SEWER**

**SEWAGE PIPES**

Supply and installation of UPVC sewage pipes conforming to EN1401 and DIN 19534 complete with excavation, backfilling, concreting, accessories, fittings, supports, expansion joints, brackets, bonding cement, cleaning, material and labour to complete the job as described in the specifications and drawings .

Approved material: ULPI, Haykalplast, Kokoplast or equal.  
Diameter:

|   |   |       |   |
|---|---|-------|---|
| C | Φ 250mm   | 1,378 | m |
| D | Φ 300mm   | 328   | m |
| E | Φ 300mm with concrete layer all around 500 x 500 mm | 764   | m |

**SEWAGE MANHOLES**

Supply and installation of concrete sewage manhole including excavation, concreting, backfilling, plastering, bottom benching, waterproofing, cast iron or ductile iron frame and cover (load rating in accordance with location of manhole), complete with accessories as shown on the drawings and described in the specifications.

Approved cast iron cover: O.K., Pont a Mousson or equal

|   |                                  |    |    |
|---|----------------------------------|----|----|
| A | Sewage manhole Type MH 100x100cm | 39 | No |
|---|----------------------------------|----|----|

