

DIVISION 01
GENERAL REQUIREMENTS

Item	Description	Unit	Qty
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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.

DIVISION 01
GENERAL REQUIREMENTS

Item	Description	Unit	Qty
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DESCRIPTIONS (CONT'D)

- 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
<u>GENERAL REQUIREMENTS</u>			
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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Item	Description	Unit	Qty
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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 |
| B | Making good any surfaces disturbed by the works | LS | 1 |

SCHEDULE OF RATES

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

DIVISION 01
GENERAL REQUIREMENTS

Item	Description	Unit	Qty
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SCHEDULE OF RATES (CONT'D)

- 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

DIVISION 01
GENERAL REQUIREMENTS

Item	Description	Unit	Qty
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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
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SECTION 02060 - DEMOLITION

The contractor is referred to the 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.

Engineered demolition of masonry wall parts. Remove the demolished materials to approved dumps as directed by the Engineer. Propping where necessary and carefully removal of the existing tiling, wood doors, all kind of piping and wiring and preparing surface to receive finish as directed by the engineer.

A	Demolition of 50 sqm meter walls	1	LS
B	Removal of the Existing Wall and Floor Tiles	1	LS
C	Removal of Doors and Door Frames	1	LS

DIVISION 04
MASONRY

Item	Description	Qty	Unit
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SECTION 4810 - UNIT MASONRY ASSEMBLIES

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.

Concrete Masonry Unit Walls

Supply and install non load bearing. Precast Hollow concrete masonry walling; with bedding mortar including pointing and cleaning, reinforced concrete bond beams & columns for high walls, doors sills and jambs, and all necessary and accessories; as per the specifications and drawings.

A	Concrete Hollow Masonry Unit wall (Unit: 400x200; 150mm thick)	20	m2
B	Concrete Hollow Masonry Unit wall (Unit: 400x200; 200mm thick)	110	m2

DIVISION 06
WOOD AND PLASTICS

Item	Description	Qty	Unit
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SECTION 064113 - NURSE ROOM CABINETS

Supply and install kitchen base cabinets and wall cabinets with drawers, doors, adjustable shelves, resine counter top, ironmongery, hardware, etc.

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

A	PVC laminated MDF Weatherproof Cabinets Low Units	2.0	ml
B	Solid Polymer worktop including sink made of UV resistant (CORIAN or equivalent) with tap (GROHE or Equivalent) complete with all the accessories.	2.0	ml

DIVISION 07
THERMAL AND MOISTURE PROTECTION

Item	Description	Qty	Unit
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SECTION 07141 - COLD FLUID APPLIED WATERPROOFING

Prepare surface, supply and apply primer and single component, unmodified polyurethane waterproofing; include reinforcing the system at corners; include all necessary material and accessories; as per the specifications

A	Waterproofing to floor surfaces- Four Layers with Reinforcement Mesh - for wet areas under sinks, toilets and cabinets	40	m2
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DIVISION 08
DOORS AND WINDOWS

Item	Description	Qty	Unit
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The contractor is referred to the 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.

SECTION 08211 - FLUSH WOOD DOORS

Supply and install HDF laminated weatherproof wooden doors with epoxy painted metal frames, stainless steel ironmongery, painting, as shown and all necessary material and accessories as per the specifications and drawings. The contractor shall provide all equipments, workmanship, and execute the required works to the satisfaction of the Engineer.

- | | | | |
|---|---|----|----|
| A | D1 Door: Overall Dimension 90 x 220 cm, 50 mm thick single leaf, HDF laminate faced door including metalic frame and stainless steel ironmongry (3x100 mm Rising Butt Hinges, 150x100mm sign plate, 1.5 mm kick plate and midrail plate, with 230 x20 mm diameter pull handle, deadlock, complete with a master key system). | 11 | No |
| B | single leaf, HDF laminate faced door including metalic frame and stainless steel ironmongry (3x100 mm Rising Butt Hinges, 150x100mm male or female sex symbol, Indicator Bolt with Emergency Release, 1.5 mm midrail plate with 230 x20 mm diameter pull handle, deadlock, complete.) | 3 | No |
| C | D3 Door: Overall Dimension 140 x 220 cm, 50 mm thick single leaf, HDF laminate faced door including metalic frame and stainless steel ironmongry (3x100 mm Rising Butt Hinges, 150x100mm sign plate, 1.5 mm kick plate and midrail plate, with 230 x20 mm diameter pull handle, deadlock, complete with a master key system). | 1 | No |

SECTION 8520 ALUMINIUM DOORS & WINDOWS

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|---|---|---|----|
| D | Existing windows reparation (eheels, silicone, gaskets, rubber seals, strips, etc.) | 1 | LS |
|---|---|---|----|

DIVISION 09
FINISHES

Item	Description	Qty	Unit
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The contractor is referred to the 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 09220 PORTLAND CEMENT PLASTER

Prepare surfaces, spatterdash, supply and apply ordinary portland cement and sand plaster coat to a minimum thickness of 15 to 20 mm, include metal lath 1 mm thick having approximately 50 nets per m² where required, and all expanded metal angle and stop beads at corners and abutments

A	Plasters	200	m2
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SECTION 09310 CERAMIC TILES

First quality ceramic tiles, bedded and jointed in cement and sand mortar, including grouting, all as specified and as shown on the drawings or approved by the Engineer

B	200 x 200 mm Ceramic tiles to walls glazed.	130	m2
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C	200 x 200 mm Ceramic (Gres Ceram Massive) No slip Tiles to Bathroom Floors	7	m2
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D	400 x 400 mm Ceramic (Gres Ceram Massive) No slip Tiles to Floors	220	m2
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E	Skirtings	205	m
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SECTION 9340 MARBLE WORKS

Approved quality marble works including grouting, beddings, sand bed under flooring pointed in colored cement and polishing with all necessary fixing accessories including chamfering and nosting where required.

F	Door Sills/Threshold 25 mm thick, 100 mm wide marble	14	m
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DIVISION 09
FINISHES

Item	Description	Qty	Unit
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SECTION 09912 PAINTS

Prepare surfaces and apply prime coat, putty, two undercoats and necessary finishing coats of enamel or emulsion Paint

A	To plastered walls, columns and ceilings (Interior)	850	m2
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DIVISION 15
MECHANICAL WORKS

Item	Description	Qty	Unit
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The contractor is referred to the 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 15060 PIPES AND FITTINGS
POLYPROPYLENE (PPR) PIPES - EMBEDDED IN WALLS

Supply and installation of PPR pipes DHC system underground or embedded in walls and under tiles.
Pipes shall be with thermal welded joints, working pressure 14 bars at 60 degrees Celsius complete with connectors, supports, fittings, accessories, material and labor to complete the job.

All pipes inside wet areas are to be included in the item of sanitary fixtures' installation.

Piping for:

- | | | | |
|---|-----------------------------------|---|----|
| A | All the medical sinks and Toilets | 1 | LS |
|---|-----------------------------------|---|----|

SECTION 15100 VALVES, ACCESSORIES AND SPECIALTIES

Supply and installation of all necessary valving system for pipe network isolation and balancing needs including all accessories, material and labour to complete the job. Valves Shall be as per specifications.

Bronze gate valve PN-20 serving polypropylene pipe.

Valving System for:

- | | | | |
|---|-----------------------------------|---|----|
| B | All the medical sinks and Toilets | 1 | LS |
|---|-----------------------------------|---|----|

SECTION 15405 WASTE AND DRAINAGE SYSTEM
DRAINAGE AND VENT PIPES

Supply and installation of UPVC sewage pipes conforming to EN1401 and DIN 19534 complete with accessories, floor drains, cleanouts, vent caps, fittings, supports, expansion joints, brackets, bonding cement, cleaning material/cleaner, material and labour to complete the job as described in the drawings .

Sewage System for:

- | | | | |
|---|-----------------------------------|---|----|
| C | All the medical sinks and Toilets | 1 | LS |
|---|-----------------------------------|---|----|

DIVISION 15
MECHANICAL WORKS

Item	Description	Qty	Unit
<u>FLOOR DRAIN</u>			
<u>Supply and Installation of UPVC floor drain with 3x50mm diameter inlet one 75mm diameter outlet including heavy duty nickel bronze, stainless steel, powder coated cast/baked aluminum, chrome plated brass or PVC cover finish material and fittings (minimum water seal: 5cm).</u>			
<u>Diameter:</u>			
A	F 3" pipe connection Approved material: ULPI, Haykalplast, Kokoplast, El Fil or equal	7	No
<u>FLOOR/PIPE CLEANOUT</u>			
<u>Supply and install UPVC floor cleanout with 110mm diameter outlet including heavy duty nickel bronze, stainless steel, powder coated cast/baked aluminum, chrome plated brass or PVC cover finish material and fittings.</u>			
<u>Diameter:</u>			
B	F 4" pipe connection Approved material: Martoni, Nicoll, Redi, Wavin, Kokoplast, El Fil or equal	7	No
<u>SECTION 15440 - PLUMBING FIXTURES</u>			
<u>SANITARY FIXTURES AND FITTINGS</u>			
<u>Supply and installation of sanitary fixtures and fittings including all necessary accessories.</u>			
<u>The contractor shall install the sanitary fixtures complete with their mixers or taps, chrome plated concealed and bronze valves, waste fittings, angle valves, traps, spouts, trims and accessories.</u>			
<u>The contractor shall supply and install all PPR water supply and UPVC drainage pipes inside bathrooms and wet areas, material and labor to complete the job.</u>			
<u>The contractor shall provide all equipments, workmanship, and execute the required works to the satisfaction of the Engineer.</u>			
C	Wall mounted Wash basin with GROHE mixer or Equivalent for Bathroom, Full with chrome plated contemporary bottle trap and accessories.(Duravit, Idal Standard or approved equivalent)	2	No

DIVISION 15
MECHANICAL WORKS

Item	Description	Qty	Unit
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SECTION 15440 - PLUMBING FIXTURES

SANITARY FIXTURES AND FITTINGS

Supply and installation of sanitary fixtures and fittings including all necessary accessories.

The contractor shall install the sanitary fixtures complete with their mixers or taps, chrome plated concealed and bronze valves, waste fittings, angle valves, traps, spouts, trims and accessories.

The contractor shall supply and install all PPR water supply and UPVC drainage pipes inside bathrooms and wet areas, material and labor to complete the job.

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

- | | | | |
|---|--|---|----|
| A | Water closet with cystem, full with toilet paper holder, seat cover and all accessories. (Duravit, Idal Standard or approved equivalent) | 2 | No |
| B | Wall mounted Solid Polymer square Wash basin made of UV resistant (CORIAN or approved equivalent) and worktop with GROHE mixer or Equivalent for Medical Room, Full with chrome plated contemporary bottle trap and accessories. | 4 | No |

SECTION 15801 AIR DISTRIBUTION

VENTILATION FANS

Supply and installation of silent type ventilation fans complete with support framings, mounting bolts, casings, anti-vibration steel bases, controls, disconnect switches and all necessary works for the operation of the units.

- | | | | |
|---|---------------|---|----|
| C | Installations | 2 | No |
|---|---------------|---|----|

DIVISION 16
ELECTRICAL WORKS

Item	Description	Qty	Unit
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SECTION 16140 WIRING DEVICES

Supply, install and connect the following wiring devices, complete including cover, junction boxes, rigid and flexible medium gauge "PVC" conduits (except where specified otherwise), wires, cables, connectors and all related accessories, as specified and shown on drawings.

All rigid and flexible conduits to be with threaded conduit.

This includes the supply and installation of the necessary wires, 16mm conduits, from the secondary distribution panel boards to the electrical devices including outlet boxes, cover plates, fittings and all other necessary accessories (Vimar or approved equal) .

A	16A/250V one way one gang weatherproof switch.	18	No
B	16A/250V Grounded 3 pin wall mounted weatherproof socket outlet, simplex, (h=30cm).	36	No

SECTION 16400 ELECTRICAL DISTRIBUTION
PANEL BOARDS

Supply, install and connect main distribution boards including cabinets, circuit breakers, busbars, connectors, switch-disconnectors, spares and spaces including all trunking and wires, ground conductors and accessories from distribution board.

Recessed or surface mounted panels with steel front door with necessary accessories of circuit breakers, residual current devices, residual current circuit breakers, neutral and earth bars. Breakers capacity shall be selected according to IEC-898. Pins of three and one pole shall be used to join the breakers in the same range of panel. The panel boards have to be assembled for a perfect operation and to the satisfaction of the engineer.

D	Panel Board (36 Modules)	1	No
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DIVISION 16
ELECTRICAL WORKS

Item	Description	Qty	Unit
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SECTION 16500 LIGHTING FIXTURES

Supply and installation of lighting points including "PVC" outlet and junction boxes, rigid and flexible medium gauge "PVC" conduits (except where specified otherwise), wires, cables, connectors... All conduits to be with threaded conduit coupling (threaded glands) between conduits and pull/junction boxes. The lighting points rates have to include wires, 85W lamps and all related accessories from feeding distribution boards, ground continuity conductors from ground terminals in DP to all lighting point, and all related accessories, as specified and shown on drawings and to the satisfaction of the engineer.

- | | | | |
|---|---|----|----|
| A | Surface Mounted High Quality Lighting Fixtures with anodized Aluminum double parabolic mirror louver full with 3 Fluorescent 36W lamps and electronic ballast | 41 | No |
| B | Weatherproof and Anti Vandal Lighting Fixtures for Toilets | 2 | No |

SECTION 16750 TELEPHONE AND DATA SYSTEMS

Supply, install and connect complete telephone and Data systems as shown on the drawings, including but not limited to RJ45 outlets, cat.5 UTP cables, cables, splitters, conduits, connection panels and all necessary accessories. Outlets must have the same brand as per electrical fitting (switches and sockets).

- | | | | |
|---|------------------------|----|----|
| C | Telephone outlet RJ45. | 12 | No |
| D | DATA outlet RJ45. | 12 | No |