

**ESIC MODEL HOSPITAL
BELTOLA, GUWAHATI**

FINANCIAL BID

PART - II



NAME OF WORK

**ITEMS TO BE CALLED FOR TENDER FOR CONSTRUCTION OF WAITING ROOM WITH INTERNAL ELECTRIFICATION ETC IN THE ESIC MODEL
HOSPITAL BELTOLA, GUWAHATI-22**

Items to be called for tender for the proposed construction of waiting Room in the ESIC Model Hospital, Beltola, Guwahati.

| Sl. No. | Description of Work | Unit | Total Qty | Quoted rates | | Total Amount in Rupees |
|---------|---|------|-----------|--------------|----------|------------------------|
| | | | | in Fig. | In Words | |
| 1 | Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.2.8.1 All kinds of soil | cum | 7.76 | | | |
| 2 | Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with sand, with common burnt clay non modular bricks. | Sqm | 54.17 | | | |
| 3 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work up to plinth level: | cum | 0.58 | | | |
| 4 | Steel reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete upto plinth level | | | | | |
| | 5.22.1 Mild steel and Medium Tensile steel bars 12 mm | Kg | 1051.24 | | | |

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| 5 | Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement- All work up to plinth level: 5.1.3 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | cum | 7.75 | | | |
| 6 | Centering and shuttering including strutting, propping etc. and removal of form for: | | | | | |
| | 5.9.1. Foundations, footings, bases of columns, etc. for mass concrete. | Sqm | 10.89 | | | |
| | 5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers | Sqm | 61.58 | | | |
| | 5.9.6 Columns, Pillars, Piers, Abutments, Posts and Struts | Sqm | 20.52 | | | |
| 7 | Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: | | | | | |
| | 6.2.1 Cement mortar 1:4 (1 cement: 4 coarse sand) | cum | 1.77 | | | |
| 8 | Half brick masonry with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. | | | | | |
| | 6.13.2 Cement mortar 1:4 (1 cement: 4 coarse sand) | Sqm | 42.88 | | | |
| 9 | Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | | | | | |
| | For 5.0 mtr. Span | Kg | 548.20 | | | |

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| 10 | Providing and fixing pre-coated galvanized iron profile sheet (size, shape and pitch of corrugation as approved by Engineer in Charge) 0.50mm (+0.05%) total coated thickness with zinc coating 120 grams per sqm as per IS:277 in 240 mpa steel grade 5-7 micron epoxy primer on both sides of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 meter or as desired by Engineer-in-charge. The sheet shall be fixed using self-drilling /self tapping screws of size (5.50X55mm) with EPDM seal, complete up to any pitch in horizontal /vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. | Sqm | 59.50 | | | |
| 11 | Supplying and filling with sand under floors with river sand. | cum | 16 | | | |
| 12 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). | | | | | |
| | 9.1.2 Sal Wood | cum | 0.06 | | | |
| 13 | Providing and fixing ISI marked flush door shutter conforming to IS 2202 (part) non-decorative type, core of block board construction with frame of 1st class hard wood and well-matched commercial 3 ply veneering with vertical grains or cross brands and face veneers on both faces of shutter...9.21.1 35 mm thick including ISI marked stainless steel hinges with necessary screws. | Sqm | 3.95 | | | |

14 Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators, side /top/centre hung, with beading and all members such as F7D, F4B, K11 B etc. complete of standards rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete as all per approved design. (sectional weight of only steel members shall be measured for payment). 10.11.1 fixing with 15X3 mm lugs 10c long embedded in cement concrete block 15X10X10 cm of C.C 1:3:6 (1 cement :3 coarse sand:6 graded stone aggregate 20mm nominal size)

Kg

113.75

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| 15 | <p>Providing & fixing false ceiling at al height including providing & fixing of framework made of special section,power pressed from M.S sheets and galvanised with zinc coating of 120 gms/sqm(both side inclusive) as per IS:277 and consisting of angel cleat of size 25 mm wide X 1.6 mm thick with flanges of 27 mm and and 37 mm ,at 1200 mm c/c ,one flange fixed to the ceiling with dash fastener 12.5 mm dia X 50 mm long with 6 mm dia bolts,other flange of cleat fixed to the angle hangers of 25X10X0.50 mm of required length with nuts & bolts of required size and other end of engle hanger fixed with intermediate G.I chanel 45X15X0.90mm running at the spacing of 1200 mm c/c ,to which the ceiling section 0.5 mm thick bottom wedge of 80mm with tapered flanges of 26 mm each having lips of 10.5 mm at 450 mm c/c,shall be fixed in a direction perpendicular to G.I intermediate channel with connection clip made out of 2.64 mm dia x 230 mm long G.I wire at every junction,including fixing perieter channels 0.50mm thick 27mm high having flanges of 20mm and 30 mm long,the perimeter of ceiling fixied to wall/partitions with the help of Rawl plugs at 450 mm centre,with 25 mm long dry wall screws@ 23 mm interval,including fixing of alcium silicate board to ceiling section and perimeter channels with the helps of dry wall screws of size 3.5X25 mm at 230 mm c/c including jointing compounds,jointing tapes,fixing with jointing cmpunds in three layeers covering up to 150 mm on both sides of joints and two coats of primer suitable for boards,all as per manufacture,s specification and also including the coast of making opening for light fittings,grills,diffusers,cut out made with frame of perimeter channels suitably fixed,all complete as per drawings specification and direction of Engineed in charge but excluding the cost of painting with.12.59.1 8 mm thick calcium silicate Boards made with calcareous & siliceous materials reinforced with cellulose fiber manufacturing through autoclaving process.</p> | | | | | |
| | | sqmtr | 40 | | | |
| 16 | 12 mm cement plaster of mix: | | | | | |
| | 13.1.1 1:4 (1 cement: 4 fine sand) | Sqm | 132.81 | | | |
| 17 | 15 mm cement plaster on the rough side of single or half brick wall of mix: | | | | | |
| | 13.2.1 1:4 (1 cement : 4 fine sand) | Sqm | 57.91 | | | |
| 18 | Providing and applying white cement based putty of average thickness 1mm,of approved brand and manufacture ,over the plastered wall surface to prepare the surface even and smooth complete. | Sqm | 132.81 | | | |

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| 19 | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade: 13.41.1 New work (two or more coats) over and including water thinnable priming coat with cement primer | Sqm | 132.81 | | | |
| 20 | Finishing Walls with water proofing cement paint of required shade:13.44.1 new work(two or more coats applied @ 3.84 kg/10 sqm | Sqm | 141.81 | | | |
| 21 | Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: 13.48.2 Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture. | Sqm | 58.82 | | | |
| 22 | 52 mm thick cement concrete flooring with concrete hardener topping under layer 40mm thick cement concrete 1:2:4(1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of nix 1:2(1 cement hardening compound mixed @ 2 liter per 5 kg of cement or as per manufacturer,s specification .The includes cost of cement slurry,but excluding the cost of nosing of steps etc.coplete. | Sqmtr | 40 | | | |
| 23 | Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4(1 cement :2 coarse sand:4 grade stone aggregate 12.5 mm nominal size) | Sqm | 2.16 | | | |
| 24 | Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.(drain wall) 6.13.2 Cement mortar 1:4 (1 cement : 4 coarse sand) | Sqm | 6.00 | | | |
| 25 | Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar,including filling joints with Jamuna sand.with common burnt clay non modular bricks.(above drain) | Sqm | 6.00 | | | |

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| 26 | Providing and fixing wash basin with C.I. brackets,15mm C.P. brass pillar taps ,32 mm C.P. brass waste of standard pattern,including painting of fittings and brackets,cutting and making good the walls wherever require: White vitreous china surgeon type wash basin of size 660 x 460 mm | Each | 2 | | | |
| 27 | Providing and fixing aluminium die cast body tubular type universal hydraulic door closer(having brand logo with ISI .Is :3564 embossed on the body ,door weight upto 35 kg and door width upto 700 mm) with necessary accessories and screws etc.Complete | Each | 2 | | | |
| 28 | Providing and fixing aluminium tower bolts ISI marked anodised. | Each | 4 | | | |
| 29 | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: | Each | 4 | | | |
| 30 | Providing and fixing glazing in doors /windows frame-4.0mm thick. | Sqm | 22.75 | | | |
| | | | | | | Total |

Total=

Rupeesonly

Signature of contractor with date & seal

| Electrical part | | | | | | |
|------------------------|------------------|------|-----------|--------------|----------|--------------|
| Sl No | Item Description | Unit | Total Qty | Quoted rates | | Total Amount |
| | | | | In Fig. | In words | |
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| 1 | <p>Suppluing including fitting & fixing of following star rated AC ceilng fan complete with all accrssories like down rod,canopy etc,of following sweeps with making necessary connections cable,as approved by the deptt.etc as required complete and as directed by the department (without regulator)(Orient PSPO make/ Usha/ Cromton/Havells/ATC/V-Guard make)</p> | Each | 4 | | | |
| 2 | <p>Supplying with fitting fixing of CFL/Flurosent luminaries complete with all accessories such as lamp,ballast,starter etc,directly on wall/ceiling including connection as approved by the deptt. With 1.5 SQ mm PVC insulated SC copper conductor as required and directed by the department sleek box type luminaries complete with electronic ballast and plastic holder bracket with 1X36/4. watt flurosent tube(Cromton grave make) model DJB 1314/LDB 50?DJBN 1314 EB CROMTEK wih super save/super brite lamp or equivelent(Equivelent will be selected by the deptt.Consodering the mother item/rate)PHILIPS/WIPRO/BAJAJ/HAVELLS/HPL/SOLAR/JAGUAR make</p> | Each | 3 | | | |

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| 3 | Supplying and fixing following rating ,double pole,240 vplts isolator in the existing MCBDD complete with connections,testing and commisssioning etc as required.40Amps. | Each | 1 | | | |
| 4 | Supplying and fixing following way single pole and neutral sheet,MCB distribution boards 240 volts,on surface/recers complete with tinned coper busber,neutral busber,earth busber,din busber,inter connections,power pointed oincluding earthing etc as required(But without MCB/RCCB/ISOLATOR) | Each | 1 | | | |
| 5 | 6 AMPS to 32 AMPS rating SPN MCB "C" curve 10KA | Each | 2 | | | |
| 6 | wiring for circuit/submain wiring along with earth wire with the following sizes of FRPVC insulated copper conductor,single core in the surface/recessed medium class conduit as required. | | | | | |
| | 2X6.0 sqmm +1X6.0 sqmm earth wire | meter | 20 | | | |
| | 2X1.5 sqmm + 1X1.5 sqmm earth wire | meter | 30 | | | |
| 7 | Supplying and fixing metal box of following sizes(nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in the front including painting etc as required. | | | | | |
| | 100mmX100mmX60mm deep | Each | 4 | | | |
| | 200mmX250mmX60mm deep | Each | 1 | | | |

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| 8 | Supplying and fixing pianotype swith/socket on the existing switch box/cover including connection etc as required. | | | | | |
| | 5/6 amps switch | Each | 8 | | | |
| | 15/16 amps switch | Each | 4 | | | |
| | 05/06 amps socket | Each | 4 | | | |
| | 15/16 amp socket 3 pin | Each | 2 | | | |
| 9 | Installation testing and commissioning of resistance type ceiling fan regulator in existing switch box including connection with 1.5 sqmm FRPVC insulated,copper conductor, single core cable earthing the regulator etc as required. | Each | 6 | | | |
| 10 | Supplying including fitting & fixing of following AC exhaust fan in the existing hole on the wall of following sweeps with making necessary connection as approved by the deptt. As required complete and as directed by the department | | | | | |
| | Domestic | | | | | |
| | powe flow 225 mm sweep(Orient make) | Each | 4 | | | |
| Sub Total Rs= | | | | | | |
| Grand Total Civil + Electrical Rs= | | | | | | |

Signature of contratore with date & seal

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