

TENDER NO. BHEL/NR/SCT/HARDUAGANJ/OFFICE/621

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TENDER SPECIFICATION

TENDER NO. BHEL/NR/SCT/HARDUAGANJ/OFFICE/621

FOR

Construction of New Site Office at Harduaganj TPS, Aligarh, U. P.

PART II – PRICE BID



भारत हैवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25, Sector - 16A ,
Distt. Gautam Budh Nagar, NOIDA – 201 301. INDIA

RATE SCHEDULE (TENDER NO. BHEL/NR/SCT/HARDUAGANJ/OFFICE/621)

| SI No. | DESCRIPTION OF ITEM | UNIT | TOTAL QTY | UNIT RATE Rs. | TOTAL PRICE Rs. |
|--------|--|--------|-----------|---------------|-----------------|
| | (A) CIVIL WORKS | | | | |
| | EARTHWORK/ SITE CLEARANCE/ ROADWORK | | | | |
| 1 | Demolishing brick work in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead | Cum | 1.5 | | |
| 2 | Surfact dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50m and lift upto 1.5m in all kinds of soil. | sqm | 200.00 | | |
| 3 | Earth work in excavation in all types of ordinary and hard soil by mechanical means (Hydraulic excavator)/manual means including stacking the excavated soil, dressing of sides and ramming of bottom, dewatering of accumulated water from any source and keeping the surface dry for subsequent works such as concreting form work etc. and disposal of surplus excavated soil as directed, disposed soil to be neatly levelled and dressed lead upto 50 meters and lift upto 1.5meter complete. | Cu.M | 55.00 | | |
| 4 | Back filling available excavated earth in trenches, plinth, slides of foundations etc., including re-excavating the deposited soil excavated earlier, breaking clods, laying at all depths and heights in layers not exceeding 20 cm indepth, consolidating each deposited layer by ramming and watering complete lead upto 50 Metre and lift upto 1.5 Meter. | Cu.M | 30.00 | | |
| 5 | Disposal of surplus excavated earth and debris including re-excavating the deposited soil earlier, transportation, loading, unloading, laying at all depths and heights, leveling and dressing both the area (viz. From where earth is transported and where it is deposited) to required levels and slopes, complete with all lifts as directed. | | | | |
| a) | upto 1 km | Cu.M | 25.00 | | |
| 6 | Supplying the good earth from outside the site including the cost of filling the same within the site in layer not exceeding 20cm in depth & consolidating each deposited layer by ramming and watering including all leads & lifts etc. complete. | cum | 60.00 | | |
| 7 | Providing approved quality Yellow/silver sand and filling the same where required under floors etc., watering, ramming, consolidating, grading and finishing to final levels and slopes for all lifts and leads involved, complete as directed (Payment to be made for solid measure of the consolidated filling). | Cu.M | 10.00 | | |
| | PCC | | | | |
| 8 | Plain cement concrete of mix 1:3:6 (1 cement : 3 coarse sand and 6, 20 mm down graded stone aggregate) for column footing, levelling, floors etc., including cost of all materials, lead, lift, labour charges, consolidation, shuttering, curing etc. complete. | Cu. M | 25.00 | | |
| 9 | Providing and laying and laying damp proof course 40 mm thick with concrete grade 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size and applying a coat of residual petroleum of penetration 80/100 of approved quality using 1.7 kg per sq. metre on damp proof coarse after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in KEROSENE OIL. | Sq m | 20.00 | | |
| 10 | Providing and fixing at ground level precast 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) cement concrete in lintels,kerbs,RCC sleepers, edgings,drains,etc. as per approved pattern and placed in position with shuttering but except reinforcement steel. | cum | 1.00 | | |
| | BRICKWORK | | | | |
| 11 | Brick work with class designation 75 in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation, plinth and super structure in thickness of 230 mm including cost of all materials, lead lifts, labour charges, mixing mortar, laying bricks, racking joints, curing etc. all complete as per drawing and specification and direction of Engineer In-charge. | Cu. M | 145.00 | | |
| | RCC | | | | |
| 12 | Reinforced cement concrete of mix 1:1.5:3 (1 cement, 1.5 coarse sand and ,3 :20 mm down graded aggregate) for column footing, sunshades, shelves, lintels etc. including cost of materials, lead lift, labour charges for concreting, curing etc. complete. | Cu. M. | 1.00 | | |
| 13 | Centring and shuttering including providing all shuttering material, strutting, propping etc. and removal of form work for : Lintels, beams, plinth beams, girders, bressumers and cantilevers. | sqm | 10.00 | | |
| 14 | Providing and placing mild steel/ tor steel reinforcement for RCC work including cost of all materials, labour for cutting, bending, binding and placing in position complete as per drawing and instruction of Engineer. | kg | 100.00 | | |
| | ROOFING | | | | |

| SI No. | DESCRIPTION OF ITEM | UNIT | TOTAL QTY | UNIT RATE Rs. | TOTAL PRICE Rs. |
|------------------|---|-------|-----------|---------------|-----------------|
| 15 | Supply fabrication and erection of structural steel beams,channels,plates,steel tubular trusses, purlines,gates, wind ties, base plates, gusset plates, bolts, nuts etc. complete as per drawings, specifications & instructions of engineer including cost of all materials leads, lifts labour charges etc. and one coat of primer and two coats of approved enamel paint for finished products at site complete as per technical specification and direction of engineer. | | | | |
| a) | Trusses (medium grade pipes),Purlins side ties, bottom ties, joint cleats,etc | MT | 3.00 | | |
| b) | Wind ties (Flats) 50 x 6 mm thick, angles,box sections, etc | MT | 0.20 | | |
| 16 | Steel work in built up section/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel for gates, railings, frames,gratings etc. | kg | 100.00 | | |
| 17 | Providing and fixing 0.63 mm thick corrugated GS sheet roofing and side cladding fixed with polymer coated J or L hooks bolts and nuts 8mm diameter with bitumen and GI limpet washer complete including steel primer and 2 coats of approved paint at overlaps. as per standard specification. | Sq.M | 250.00 | | |
| 18 | Providing ridges or hips of width 60 cm over all width plain G.S.sheet 0.63mm thick with zinc coating not less than 275gm/m ² fixed with polymer coated J. or L hooks, bolts and nuts 8mm dia G.I. limpet and bitumen washers complete. | RM | 15.00 | | |
| 19 | Providing valleys of 90cm wide overall in plain G.S. sheet 1.60mm thick with zinc coating not less than 350gm/m ² fixed with polymer coated J, or L hooks, bolts and nuts 8mm dia. G.I. limpet and bitumen washers complete. | RM | 15.00 | | |
| 20 | Providing and fixing PVC pipe (2.5 kg/cm ²) of 110 mm dia. as rain water pipe in above item complete in all respect including required shoes, bends, etc | RM | 10.00 | | |
| CEILING | | | | | |
| 21 | Providing and fixing at all height false ceiling of 12.5mm thick tapered edge gypsum board conforming to IS : 2095 including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating 350 as per IS : 277 and consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with dash fastner 12.5 mm dia x 40mm long with 6 mm dia bolts to the angle hangers of 25x25x.55 mm of reqd. length, and other end of angle hanger being fixed with nut and bolts to G.I.Channels 45x15x0.9 running at the rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. Channel with connecting clips made out of 2.64mm diax230mm long G.I. Wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the gypsum board with recommended filler, paper tapes, finisher and two coats of primer suitable for gypsum board as per manufacturers specification and also including the coat of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer -in-charge but excluding the cost of painting. | sqm | 180.00 | | |
| FINISHING | | | | | |
| 22 | Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M30 Grade made by block making machine with strong vibratory compaction and of approved size/design/shape and in required colour and pattern and including 50 mm thick compacted bed of coarse sand, filling the joints with coarse sand etc. all complete as per directions of Engineer I/C | Sqm | 84.00 | | |
| 23 | Providing and laying Ceramic glazed floor tiles 300 x 300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to NITCO, ORIENT, SOMANY KAJRIA, or equivalent make in colours such as white, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including the joints with white cement and matching pigment etc. complete. | Sq.M | 172.00 | | |
| 24 | Plastering work with cement mortar 1:6 (1 cement : 6 fine sand) 12 mm thick after scrapping and cleaning the masonry joints including scaffolding, cost of materials, labour, mixing , leads & lifts, curing etc. complete. | Sq. M | 720.00 | | |
| 25 | Plastering work with cement mortar 1:6 (1 cement : 6 fine sand) 15 mm thick after scrapping and cleaning the masonry joints including scaffolding, cost of materials, labour, mixing , leads & lifts, curing etc. complete. | Sq. M | 302.00 | | |

| SI No. | DESCRIPTION OF ITEM | UNIT | TOTAL QTY | UNIT RATE Rs. | TOTAL PRICE Rs. |
|------------------------|---|-------|-----------|---------------|-----------------|
| 26 | Providing and fixing Powder coated (thickness 40-50 microns) Al work for doors, windows, ventilators and partitions with extruded built up standard section of approved make conforming to IS:733 and IS:1285, powder coated to reqd. shade, fixed with rawl plugs and screws or with fixing clips or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with reqd PVC/ NEOPRENE felt etc. AL sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever reqd including cleat angle, Aluminium snap beading for glazing/panelling, C.P. brass/ stainless steel screws, all complete as per drawings/Engr. I/C | | | | |
| a) | For fixed portion (doors/ windows/ ventilators) | kg | 100.00 | | |
| b) | For shutters of doors, windows and ventilators including providing & fixing hinges/pivots and providing tower bolts, slide bolts, stays, stoppers, etc and fixing of fittings wherever reqd. including the cost of PVC/neoprene gasket reqd. complete in all respects. | kg | 120.00 | | |
| c) | For safety grill of approved pattern | kg | 40.00 | | |
| 27 | Providing and fixing glazing in Al work for doors, windows, ventilators and partitions etc. with PVC/ neoprene gasket complete including glazing and panelling with plain/black glass panes of 5.5 mm thick (wt not less than 13.75 kg/sqm) | Sq. M | 28.00 | | |
| 28 | Providing and fixing IS : 3564 marked Aluminium die cast body tubular type universal hydraulic door closer, Hardwyn make (Classic Queen) or equivalent with necessary accessories and screws etc. complete. | each | 4.00 | | |
| 29 | Providing and fixing ISI marked flush door shutters non decorative type , core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters 30 mm thick including ISI marked stainless steel butt hinges, Al.handle,tower and slide bolts, complete with necessary screws and other accessories | Sq. M | 10.00 | | |
| 30 | Providing and laying Ceramic glazed wall tiles 300x200 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 13755 of NITCO, ORIENT, SOMANY KAJARIA, or equivalent make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement Mortar 1:4 (1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete(2.1 m.ht.). | Sq. M | 20.00 | | |
| 31 | Finishing walls/ surfaces with water proofing cement paint of approved brand and manufacture and of required shade to give an even shade. | sq.M | 302.00 | | |
| 32 | Distemping with Oil bound washable distemper of approved brand and manufacture and of required shade to give an even shade on new wall (2 or more coats) over and including priming coat with cement primer. | sq.M | 720.00 | | |
| 33 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade in two or more coats on new work | sqm | 290.00 | | |
| SANITARY/SEWAGE | | | | | |
| 34 | Providing and fixing white vitreous china water closet squatting pan (Indian type / Oriss pattern WC pan) size 580 x 440 mm with 100 mm sand cast iron P trap, 12.5 Lit. high level CI flushing cistern with fittings RS or CI brackets 32 mm dia meter galvanised iron flush pipe with fitting and clamps 20 mm GI over flow pipe with special and mosquito proof coupling of approved design and GI chain and pull complete including painting of cistern and fittings, cutting and making good the walls and floors where required. | No. | 1.00 | | |
| 35 | Providing & fixing flat back white vitreous china wash basin 550 x 400 mm size with single 15 mm C.P.brass pillar with R.S. or C.I. brackets painted white 15 cm C.P. brass pillar taps C.P. brass chain with rubber plug, 32 mm dia CP Brass trap and M.I. unions, C.P. waste, C.P. connection, soap dish , waste pipe complete including cutting and making good the walls wherever required under counter complete in all respects | No. | 2.00 | | |
| 36 | Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required: | | | | |
| a) | One urinal basin with 5 litre white P.V.C. automatic flushing cistern Parryware/Hindware/Seabird/Orient (Coral) | no. | 4.00 | | |
| 37 | Providing and fixing 100 mm sand cast iron grating for gully, floor or Nahani trap. | each | 4.00 | | |
| 38 | Providing and fixing bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. | sqm | 1.00 | | |
| 39 | Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc. complete | each | 2.00 | | |

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|-----------------------------|---|-----------|-----------|---------------|-----------------|
| 40 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour and make (Prayag or equivalent). | | | | |
| 41 | 450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88mm, weighing not less than 170gms. | each | 2.00 | | |
| 42 | Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes as per BIS specification, weighing not less than 60gms (Prayag or equivalent) | each | 4.00 | | |
| 43 | Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality colour and make, weighing not less than 105gms (Prayag or equivalent) | each | 2.00 | | |
| 44 | Providing, laying and jointing glazed stone ware pipes grade A with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc., complete 100 mm dia pipe. | RM | 20.00 | | |
| 45 | Providing, laying, fitting and jointing medium grade GI pipes, conforming to IS 1239 for water lines at various elevations with all fittings stop cock, valve bends, elbows, tees, reducers., etc. making grooves in the brick wall, etc. (Internal work), trenching, refilling etc. (external work) including cost of all materials, labour charges etc. complete as per specifications and drawings. | | | | |
| a) | 25 mm dia G.I. Pipe (External work) | RM | 20.00 | | |
| b) | 20 mm dia G.I. Pipe (Internal work) | RM | 18.00 | | |
| c) | 15 mm dia G.I. Pipe (Internal work) | RM | 17.00 | | |
| 46 | Providing and fixing GM full way valve with C.I wheel of approved quality etc. complete. | | | | |
| a) | 25 mm nominal bore | No. | 1.00 | | |
| 47 | Providing and fixing C.P. brass 15 mm stop cock of approved quality of weight not less than 250 gms. | NO | 5.00 | | |
| 48 | Providing and fixing C.P. brass 15 mm bib cock of approved quality of weight not less than 250 gms. | No. | 4.00 | | |
| 49 | Construction brick masonry manholes of inside size 90x80 cm and 45-60 cm deep with 75 class designation bricks in cement mortar 1: 5 (1 cement : 5 fine sand), RCC top slabs with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm size), foundation concrete 1:1:8 (1 cement : 4 coarse sand : 8 graded stone aggregate of 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded aggregate of 20 mm nominal size) neatly finished complete as per standard design excluding CI manhole cover. | NO. | 2.00 | | |
| 50 | Providing and fixing square mouth stone ware gully trap grade'A' conforming to IS:651 complete with G.I. Grating, brick masonry chamber with bricks of class designation '50' and water tight C.I. Cover with frame of 300 x 300 mm size (inside), the weight of cover to be not less than 4.5 kgs and frame to be not less than 2.70 kg as per specification. 100X100 MM P TYPE | NO. | 2.00 | | |
| 51 | Providing and laying soil, waste and vent pipes, centrifugally cast (spun) iron S&S pipes | | | | |
| a) | 100mm | RM | 11.00 | | |
| 52 | Supplying and installation of HDPE cylindrical and vertical water tank with closed top of SINTEX or approved equivalent of undermentioned capacity with all necessary fittings including supplying and fixing input and out putlines including support of brick pillars of height of 3 Mtrs each complete. | | | | |
| a) | 500 Ltr. Capacity tank | per litre | 500.00 | | |
| 53 | Providing and Laying of non-Pressure NP2 class (light duty) RCC Pipe with collar of 250 mm dia jointed with stiff mixture of cement mortar in proportion of 1:2 (1 cement :2 fine sand)including testing of joints etc complete | RM | 10.00 | | |
| (B) ELECTRICAL WORKS | | | | | |
| 54 | Providing and fixing 1 x 40 Watt Batten type fluorescent tube fitting (Crompton / Philips / Bajaj make),fabricated from CRCA sheet steel and finished with stove enamel paint complete with Accessories like fluorescent lamp,copper wound polyester choke, starter, seat, rotor holder and terminal block duly pre-wired with copper conductor, including connections, fixing on wall, false ceiling or under roof ties with clamps as required | Nos. | 2.00 | | |
| 55 | Providing and fixing 2 x 40 Decorative type fluorescent tube fitting (Crompton / Philips / Bajaj make),fabricated from CRCA sheet steel and finished with stove enamel paint complete with Accessories like fluorescent lamp,copper wound polyester choke, starter, seat, rotor holder and terminal block duly pre-wired with copper conductor, including connections, fixing on wall, false ceiling or under roof ties with clamps as required | Nos. | 12.00 | | |

| SI No. | DESCRIPTION OF ITEM | UNIT | TOTAL QTY | UNIT RATE Rs. | TOTAL PRICE Rs. |
|---|---|--------|-----------|---------------|-----------------|
| 56 | Providing and fixing of following sweep exhaust fan/ ceiling fan/ wall mounted fan (Khaitan/ Crompton make) single phase alongwith gravity louvers, frame/ tripod for holding the motor including making necessary opening in wall, supply & fixing of assembly with grouting bolts, making connections, loop earthing etc. | | | | |
| a) | 300 mm sweep | Nos. | 1.00 | | |
| b) | Wall mounted fan | Nos. | 1.00 | | |
| c) | Ceiling fan of atleast 1200 mm sweep with required down road. | Nos. | 9.00 | | |
| d) | Normal/angle bulb holder with 30 W approved CFL lamp | Nos. | 24.00 | | |
| e) | Ceiling rose on existng junction box. | Nos. | 40.00 | | |
| 57 | Providing & fixing of 240 V, 5 / 15 Amp 5/6 Pin Power socket outlet point (with 15 A switch). Switch / socket to be fitted in suitable size 20 SWG metal type box with 3mm sunmica sheet | Nos. | 6.00 | | |
| 58 | Providing & fixing of 240 V, 5A 3 Pin Power socket outlet point (with switch). Switch / socket to be fitted in suitable size 20 SWG metal type box with 3mm sunmica sheet along with the piano switches | Nos. | 6.00 | | |
| 59 | Providing & fixing 5A piano type switch for Light / Fan Control (Anchor make). Switch / socket to be fitted in suitable size 20 SWG metal type box with 3mm sunmica sheet | Nos. | 50.00 | | |
| 60 | Providing and Fixing of 20/25 mm PVC Conduit/casing&capping (including fittings) for telephone / LAN Connection / Call bell System in surface/recess mounting. | mtr | 100.00 | | |
| 61 | Providing Wires and wiring for Telephone / Call Bell System | mtr | 100.00 | | |
| 62 | Providing and Fixing of suitable box for telephone / LAN/Call Bell points | Nos. | 10.00 | | |
| 63 | Providing & fixing of 240 V, 20 Amp INDUSTRIAL Power socket outlet point (with 20 A MCB). Switch / socket to be fitted in suitable size 20 SWG metal type box . | Nos. | 3.00 | | |
| 64 | Wiring of above power sockets with 4 Sq. mm PVC insulated Copper Conductor wires as per IS, 650 / 1100 V grade including 20 SWG GI earthing wire in PVC medium grade conduit including supply of items. | | | | |
| | Length per point upto 20 m | Points | 1.00 | | |
| | Length per point upto 30 m | Points | 1.00 | | |
| | Length per point upto 40 m | Points | 1.00 | | |
| 65 | Wiring of the following points (including supply of Wires, conduits, clamps, boards, other misc. items) with 2.5 sq.mm colour coated PVC insulated copper conductor wires as per IS-650/ 1100 volts grade in surface PVC conduits (medium grade) including laying of 20 SWG GI wire, conduit fitting. (Fixing of piano type control switches (Anchor make) in suitable sized 20 SWG metal box with 3 mm sunmica sheet having provision for fan regulator, 5 Amp switch socket (supplied above) included in scope) | | | | |
| a) | Long Point (Panel to Switch Box) | Points | 10.00 | | |
| b) | Medium Point (Switch Box - first Point / Socket) | Points | 40.00 | | |
| c) | Short Point (among points) | Points | 40.00 | | |
| d) | Wiring for ceiling fan and regulator | Points | 9.00 | | |
| e) | Wiring for exhaust fan. | Points | 1.00 | | |
| 66 | Providing and fixing of 32 Amp TPN with HRC fuses along with earth wire. The TPN to be provided on one side of the panel as instructed | Nos. | 1.00 | | |
| 67 | Supply and burying of earths electords 40mm dia 3 mtrs. Long including earthing upto switch board with 8 SWG GI wire. | Nos. | 1.00 | | |
| 68 | Installation and commissioning of 3-ph 4W 1000 / 400 A Electrical Switchboard (appx size 1600 x 1000 x 2000 mm) . (Foundation will be paid in civil works) | set | 1.00 | | |
| 69 | Providing , Installation and commissioning of 24 W Lighting Panel with 10 no 20 A MCB and 14 nos 16 A MCB with 125 A SFU incomer in Sheet metal housing with double door arrangement , including all earthing and statutory requirements . | Nos. | 1.00 | | |
| 70 | Supplying and laying of following type of PVC Insulated, PVC armoured standard aluminium conductor cable confirming to IS:1554-1976 (part 1), glanding with single compression gland, termination of both end in DB & SFU. The cable has to be laid underground on sand cushion including backfilling, susitable clamp, clamping on surface including all materials etc. complete.This includes road crossing for which suitable GI Pipe to be provided by the contractor. | | | | |
| a) | 3 1/2 Core x 50 / 95 Sq.mm armoured cable | RM | 10.00 | | |
| b) | 2c/3c/4c upto 16 sq.mm armoured cable | RM | 10.00 | | |
| 71 | Earthing Flat 30 x 6 for Earthing | RM | 20.00 | | |
| GROSS TOTAL OF ALL THE ABOVE WORKS | | | | | |

NOTES:

1. Incomplete offer received may not be considered for the subject work.

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|--------|---------------------|------|-----------|------------------|--------------------|
|--------|---------------------|------|-----------|------------------|--------------------|

2. The Rate shall be entered in figures as well as in words. In case of difference in rates between words and figures THE LESSER OF THE TWO will be treated as valid rate.
3. In case of omission in quoting any rate, the evaluation will be done considering the highest quoted rate obtained against that item but the work , if awarded, will be on the lowest quoted rate obtained against that item.
4. The bidders shall enter both 'Unit Rate' & 'Amount'. In case of any mismatch between 'Total Amount based on Unit Rate' & 'Total Amount as quoted', the higher of the two shall be considered for evaluation and the lower of the two shall be considered for award.