**AMMENDMENT TO TENDER**

**IFB NO. HLL/AFT-CMO/TDG/KL/Skill Lab/2016-17/01, DT. 20.01.2017**

**PART : B**

**SECTION IX PRICE SCHEDULE**

## TENDER FOR RENOVATION OF SKILL LAB ON TURNKEY BASIS

## (CIVIL AND ELECTRICAL WORKS)

## KERALA - AT GOVT. NURSING COLLEGE, KOZHIKODE

**SECTION XI**

**HLL LIFECARE LIMITED**

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**RENOVATION OF SKILL LAB AT GOVT. NURSING COLLEGE, KOZHIKODE**

**(CIVIL WORKS)**

**PRICE SCHEDULE (a)**

| **No** | **Description of work** | **Qty** | **Unit** | **Unit Rate in Rs.** | **Total Rate in Rs.** |
| --- | --- | --- | --- | --- | --- |
| 1 | Cleaning the site and removing debris with carriege of meterial by manual labour including loading ,unloading and stacking for lead lass than 0.5 KM,also cleaning the renovated area including cleaning of wall t,floor tiles ,plumbing meterials,windows ,dooors etc complete whichever in that area new/exsisiting after the completion of works as per the direction of site in charge |  | Ls |  |  |
| 2 | Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazingand false ceiling including disposal of unserviceable surplus material andstacking of serviceable material with in 50 meters lead as directed byEngineer-in-charge. | 189.37 | Sqm |  |  |
| 3 | Dismantling wood work in frames, trusses, purlins and rafters up to 10metres span and 5 metres height including stacking the material within50 metres lead :material with in 50 meters lead as directed by Engineer-in-charge.Of sectional area 40 square centimetres and above | 0.06 | Cum |  |  |
| 4 | Dismantling doors, windows and clerestory windows (steel aluminum or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead Of area 3 sq. metres and below | 1.20 | Each |  |  |
| 5 | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. | 125.30 | Sqm |  |  |
| 6 | Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge .In cement mortar | 4.31 | cum |  |  |
| 7 | Demolishing R.C.C. work by mechanical means and stockpiling atdesignated locations and disposal of dismantled materials up to a lead of1 kil ometre, stacking serviceable and unserviceable material separatelyincluding cutting reinforcement bars. | 2.07 | cum |  |  |
| 8 | Brick work with common burnt clay F.P.S ( non modular ) bricks of class designation 7.5 in superstructure above plinth level upto floor V level in all shades and sizes in |  |  |  |  |
|  | Cement mortar 1:4( 1 cement : 4 coarse sand | 2.90 | Cu.M |  |  |
| 9 | Half brick masonry with common burnt clay F.P.S (non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor V level |  |  |  |  |
|  | Cement mortar 1:4( 1 cement : 4 coarse sand | 59.38 | Sqm |  |  |
| 10 | 12mm cement plaster on the rough side of single or half brick wall of mix : 1 : 4 (1 cement : 4 fine sand) for internal walls, column and beams etc | 134.52 | Sqm |  |  |
| 11 | Reinforced cement concrete work in walls (any thickness), includingattached pilasters, buttresses, plinth and string courses, fillets, columns,pillars, piers, abutments, posts and struts etc. up to floor five level,excluding cost of centering, shuttering, finishing and reinforcement : |  |  |  |  |
|  | 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate20 mm nominal size) | 0.79 | cum |  |  |
| 12 | Centering and shuttering including strutting, propping etc. and removal of form for : |  |  |  |  |
|  | Suspended floors, roofs, landings, balconies and access platform | 6.86 | sqm |  |  |
| 13 | Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level & above plinth level. |  |  |  |  |
|  | hermo-Mechanically Treated bars | 150.00 | Kg |  |  |
| 14 | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : |  |  |  |  |
| a). | For Fixed Portion , Powder coated aluminium (minimum thickness of powder coating 50 micron) | 173.00 | Kg |  |  |
| b). | For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron) | 149.00 | Kg |  |  |
| 15 | Providing and fixing 3 mm Aluminum composite pannel, of approved brand and manufacture in panelling fixed in aluminium doors,windows shutters and partition frames with C.P.brass/stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. |  |  |  |  |
|  | Prelaminated particle board with decorative lamination on both sides | 3.36 | sqm |  |  |
| 15 | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc with PVC/neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. |  |  |  |  |
| a) | With float glass panes of 5.5 mm thickness for windows | 35.25 | sqm |  |  |
| b) | With float glass panes of 8 mm thickness for view glass | 5.00 | sqm |  |  |
| 16 | Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete. | 55.00 | Sqm |  |  |
| 17 | Providing and laying joint free Vitrified *anti skid matt finished tiles* in different sizes (thickness to be specified by manufacturer) with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make (Johnson & Johnson/Kajariea/NItco) in all white/off white colours & shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm (Lowest retail price not less than Rs. 880/m2) (Tiles to be selected by the Engineer in charge) for Labor room | 172.52 | Sqm |  |  |
| 18 | Providing and laying rectified Anti skid Glazed Ceramic floor tiles 300x300mm or more (thickness to be specified by the manufacturer) of 1 st quality conforming to IS : 15622 of approved make in colours white,Ivory, Grey, Fume, Red Brown, laid on 20mm thick cement mortor 1:4 (1 cement: 4 coarse sand)including grouting the joints with white cement and matching pigments etc.complete. | 32.86 | sqm |  |  |
| 19 | Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer), of approved make,in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados,over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointingin white cement mixed with pigment of matching shade complete. | 33.66 | sqm |  |  |
| 20 | Providing and fixing M.S. grills of required pattern in frames of windows Fixed to openings /wooden frames with rawl plugs screws etc with M.S. flats, square or round bars etc. including priming coat withapproved steel primer all complete. | 109.19 | kg |  |  |
| 21 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs orwith dash fasteners of required dia & length ( hold fast lugs or dash fastenershall be paid for separately).Sal wood | 0.25 | Cum |  |  |
| 22 | Providing and fixing 35 mm thick factory made laminated veneer lumberdoor shutter conforming to IS : 14616 and TADS 15:2001 (Part B), including ISI marked stainless steel butt hinges bright finished of required size with necessary screws, all complete as per directions of Engineerin-charge and panelling with panels of 12 mm thick pre-laminated particle board (decorative lamination on both sides) grade - 1, medium density flat pressed, three layer particle board FPT - I or graded wood particle board FPTI, conforming to IS : 3087, bonded with BWP type synthetic resinadhesive as per IS : 848 and pre-laminated conforming to IS :12823, Grade 1, Type - II marked : | 8.40 | Sqm |  |  |
| 23 | Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete :200x10 mm | 8.00 | Sqm |  |  |
| 24 | Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. | 8.00 | Sqm |  |  |
| 25 | Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete | 1520.68 | sqm |  |  |
| 26 | Applying one coat of water thinnable cement primer of approvedbrand and manufacture on wall surface ,Water thinnable cement primer | 471.20 | sqm |  |  |
| 27 | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete | 471.20 | sqm |  |  |
| 28 | Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade –Two or more coats on new work.-internal walls | 471.20 | sqm |  |  |
| 29 | Painting wood work with Deluxe Multi Surface Paint of requiredshade. Two or more coat applied @ 0.90 ltr/10 sqm over anunder coat of primer applied @0.75 ltr/ 10 sqm ofapproved brand and manufacture | 73.60 | sqm |  |  |
| 30 | Finishing walls with Acrylic Smooth exterior paint of required shade : | 1035.20 | sqm |  |  |
| 31 | Painting Steel work with Delux Multi surface paint to give an even shade.Two or more coat applied @ 0.90 ltr/10sqm over an over an under coat of primer applied @ 0.80ltr/10aqm of approved brand or manufacture. | 25.60 | sqm |  |  |
| 32 | Providing and fixing factory made PVC door frame made of PVC extruded section having an overall dimensions as below ( tolerance ± 1mm ), with wall thickness 2.0mm (± 0.2mm), corners of the door frame to be joined with galvanized brackets and stainless steel screws, joints mitered and plastic welded. The hinged side vertical of the frames reinforced by galvanized M.S. tube of size 19x19 mm and 1mm (± 0.1mm) wall thickness and 3 nos. Stainless steel hinged fixed to the frame complete as per manufacturers Specification and direction of engineering -in-change : Extruded section profile size 48x40 mm | 10.00 | m |  |  |
| 33 | Providing and fixing existing door frames: 24 mm thick factory made PVC door shutters made of styles and rails of a UPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2mm) with in built edging on both sides. The styles and rails mitered and joint at the corners by means of M.S. galvanized / plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanized M.S. tube of size 20x20 mm and 1mm (± 0.1mm) wall thickness. The lock rail made up of " H" section, a UPVC hollow section of size 100x24 mm and 2mm (± 0.2mm) wall thickness, fixed to the shutters styles by means of plastic/ galvanized M.S.'U' cleats. The shutter frame filled with a UPVC multi chambered single panel of size not less than 620mm, having over all thickness of 20mm and 1mm (± 0.1mm) wall thickness. The panes filled vertically and tie bar at two places by inserting horizontally 6mm galvanized M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer- in - charge. (for W,C and bath room door shutter). | 3.20 | m2 |  |  |
| 34 | Supplying and providing auto closer for doorsFully controlled closing with adjustable speed between 180° - 20° , good quality meterial like brand- Dorma or equelent , Capacity of meterila should be according to door size, and the directions of Engineer-in-charge | 8 | each |  |  |
| 35 | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brasspillar taps, 32 mm C.P. brass waste of standard pattern, including paintingof fittings and brackets, cutting and making good the walls whereverrequire:White Vitreous China Wash basin size 630x450 mm with apair of 15 mm C.P. brass pillar taps | 1 | Nos |  |  |
| 36 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and colour. 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms. | 1 | each |  |  |
| 37 | 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 and colour. weighing not less than 105 gms. | 1 | each |  |  |
| 38 | Dismantling damaged Asbestos sheet existing on shade of building for an approximate area of 52 sqm |  | Ls |  |  |
| 39 | Maintains work for toilets wooden door , such as carpentry work for making door shutter in working condition including necessary fittings - qty -1no also removing and re fixing one wooden shutter for new door at computer room |  | Ls |  |  |
| 40 | Supplying and providing blinds for windows using good quality type standard meterilas ,colour and specification of meterilas should be as per the instruction of site in charge | 26.99 | sqm |  |  |
| 41 | Supplying and providing etched stickers /cooling paper on window glass | 20.40 | sqm |  |  |
|  | Total Amount |  |  |  |  |

**SIGNATURE**

**SEAL OF THE TENDERER NAME AND ADDRESS OF TENDERER**

**SECTION XI**

## RENOVATION OF SKILL LAB AT GOVT. NURSING COLLEGE, KOZHIKODE

**(ELECTRICAL WORKS)**

**REVISED PRICE SCHEDULE (b)**

| **Sl.**  **No** | **Description of work** | **Unit** | **Q!ty** | **Unit Rate in Rs.** | **Total Rate in Rs.** |
| --- | --- | --- | --- | --- | --- |
| 1 | Point wiring in PVC conduit with modular type switch. |  |  |  |  |
|  | Wiring for light point/fan point/exhaust fan point /call bell point with 1.5 sq mm FR PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable PVC box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc as required. |  |  |  |  |
|  | Group C | Point | 49 |  |  |
| 2 | Wiring through PVC conduit |  |  |  |  |
|  | Wiring for circuit/submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.(Make Havells/Finolex/V-Guard) |  |  |  |  |
| a | 2X1.5 sq.mm + 1X1.5 sq.mm earth wire | Metre | 150 |  |  |
| b | 2X2.5 sq.mm + 1 X2.5 sq mm earth wire | Metre | 295 |  |  |
| c | 2X4 sq.mm + 1X4 sq.mm earth wire | Metre | 50 |  |  |
| 3 | A/C point |  |  |  |  |
|  | S/F 20A SPN MCB industrial socket outlet: Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. | Point | 2 |  |  |
| 4 | Modular type blanking plate: |  |  |  |  |
|  | Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.(Make:Havells(Coral), Legrand (Mylinc) or any branded ISI Marked, but should be approved by Engineer in charge) | Each | 10 |  |  |
| 5 | Modular boxes, bases & cover plate: |  |  |  |  |
|  | Supplying and fixing following size/modules, PVC box along with modular base & cover plate for modular switches in recess etc as required.(Make:Havells(Coral), Legrand (Mylinc) or any branded ISI Marked, but should be approved by Engineer in charge) |  |  |  |  |
| a | 3 module | Each | 13 |  |  |
| b | 6 module | Each | 18 |  |  |
| 6 | Modular type switch/socket: |  |  |  |  |
|  | Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc as required.(Make: Havells(Coral), Legrand (Mylinc) or any branded ISI Marked, but should be approved by Engineer in charge) |  |  |  |  |
| a | 5/6 Amps switch | Each | 33 |  |  |
| b | 3 pin 5/6 Amp socket outlet | Each | 33 |  |  |
| c | 15/16 Amps switch | Each | 19 |  |  |
| d | 6pin 15/16 Amps (universal) socket outlet | Each | 19 |  |  |
| e | Telephone socket outlet | Each | 1 |  |  |
| 7 | Telephone wiring in existing conduit: |  |  |  |  |
|  | Supplying and drawing following pair 0.5 sq mm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required. |  |  |  |  |
| a | 2 Pair | Metre | 50 |  |  |
| 8 | S/F PVC conduit: |  |  |  |  |
|  | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. |  |  |  |  |
| a | 20 mm | Metre | 105 |  |  |
| b | 25 mm | Metre | 75 |  |  |
| 9 | ITC Fluorescent fitting directly on surface: Installation, testing and commissioning of pre-wired, fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube etc. directly on ceiling/ wall, including connection with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable and earthing etc. as required. | Each | 34 |  |  |
| 9.1 | ITC Ceiling fan: Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FR PVC insulated, copper conductor, single core cable etc. as required. | Each | 9 |  |  |
| 9.2 | Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required. | Each | 9 |  |  |
| 10 | CABLE LAYING |  |  |  |  |
|  | Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1kV grade of following size clamped on wall surface with 1mm thick saddles as required complete. |  |  |  |  |
| a | From VDB to LDB |  |  |  |  |
|  | 4X 10 sq.mm | Metre | 15 |  |  |
| b | From VDB to PDB |  |  |  |  |
|  | 4X10 sq.mm | Metre | 15 |  |  |
| c | From DG to VDB |  |  |  |  |
|  | 3.5X 25 sq.mm | Metre | 125 |  |  |
| 11 | END TERMINATION |  |  |  |  |
|  | Supply and making end termination with brass compression gland, earth clip and aluminium lugs for following size of PVC insulated and PVC sheathed/XLPE aluminium conductor cable fo 1.1KV grade as required. |  |  |  |  |
| a | 4X10 sq.mm | Each | 2 |  |  |
| b | 4X16 sq.mm | Each | 2 |  |  |
| c | 3.5X 25 sq.mm | Each | 4 |  |  |
| 12 | Supply and installation of 2x36 FTL T8 recess/surface mounted, decorative Soft lite luminaire, powder coated CRCA housing complete with all electrical accessories like electronic ballast, lamp holder, 36W FTL lamp etc complete with all mounting accessories like chain, anchor fastner etc as required..(Model Havells ordering code LHCF71236811 or else higher versions may be approved by Engineer in charge(HLL/NHM) without change in cost. | Each | 29 |  |  |
| 14 | Supply of 1x28W flourescent tube fitting sleek with decorative end cap, powder coated CRCA steel channel complete with all electrical accessories like electronic ballast, lamp holder, 28W T5 lamp etc complete as required. (Philips TMS 540 HF / Wipro WRF 80128 SG / GE DMS 28 N N) | Each | 5 |  |  |
| 16 | Supply and installation of 1200 mm sweep Ceiling fan, white colour, 5 star rated as per BEE complete with blades, down rod, shackle, canopy etc(Make Havells/bajaj/usha/V-guard) | Each | 9 |  |  |
| 17 | S/F Vertical Type TP MCB DB: |  |  |  |  |
|  | Supplying and fixing following way, three pole and neutral, sheet steel, Vertical MCB distribution board, 415 volts, on surface/recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatised and powder painted including earthing etc. as required (with provision for isolator as incomer) (Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 4 way, double door | Each | 1.00 |  |  |
| 17.1 | S/F of FP Isolators |  |  |  |  |
|  | Supplying and fixing following rating, four pole, (three phase and neutral) 415 volts isolators in the existing Vertical DB as incomer complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 63 A, 4P isolator | Each | 1.00 |  |  |
| 17.2 | S/F of TP MCB |  |  |  |  |
|  | Supplying and fixing 6 amps to 63 amps rating, 415 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 32A TP MCB | Each | 1.00 |  |  |
|  | 63A TP MCB | Each | 1.00 |  |  |
| 18 | S/F of TPN MCB PDB |  |  |  |  |
|  | Supplying and fixing following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatised and powder painted including earthing etc. as required (But without MCB/ RCBO/isolator) (Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 6 way Double door, horizontal type. | Each | 1.00 |  |  |
| 18.1 | S/F of TPN RCBO |  |  |  |  |
|  | Supplying and fixing following rating, four pole, (three phase and neutral) 415 volts RCBO, having a sensitivity current upto 100/300 milliamperes in the existing MCB PDB complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 40 A 4P RCBO 100mA | Each | 1.00 |  |  |
| 18.2 | S/F of SP MCB |  |  |  |  |
|  | Supplying and fixing 6 amps to 32 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for power loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 6/32 A SP MCB | Each | 18.00 |  |  |
| 19 | TPN MCB LDB |  |  |  |  |
|  | Supplying and fixing following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatised and powder painted including earthing etc as required(But without MCB/RCBO /isolator) (Make:Legrand/Havells/ HPL) |  |  |  |  |
|  | 4 way, double door | Each | 1.00 |  |  |
| 19.1 | S/F of TPN RCBO |  |  |  |  |
|  | Supplying and fixing following rating, four pole, (three phase and neutral) 415 volts RCBO, having a sensitivity current upto 30 milliamperes in the existing MCB LDB complete with connections, testing and commissioning etc. as required.(Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 40 A 4P RCBO 30mA | Each | 1.00 |  |  |
| 19.2 | S/F of SP MCB |  |  |  |  |
|  | Supplying and fixing 6 amps to 10 amps rating, 240 Volts, "C" series, miniature cirucuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.(Make: Legrand/Havells/HPL) |  |  |  |  |
|  | 6/10A SP MCB | Each | 12 |  |  |
| 20 | CABLE SUPPLY |  |  |  |  |
|  | Supplying the following PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade as per CPWD standards as required. (Make:Havells/ Glostar/Nicco) |  |  |  |  |
| a | 4X10 sq.mm | Metre | 15 |  |  |
| b | 4X16 sq.mm | Metre | 20 |  |  |
| c | 3.5X 25 sq.mm | Metre | 125 |  |  |
| 21 | Pipe earthing with G.I. earth pipe 2.5 metre, long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt ) as required complete. | Set | 3 |  |  |
| 22 | Supplying and laying 10 SWG Copper wire on, surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/ cable as required. | Metre | 40 |  |  |
| 23 | Supplying and laying 10 SWG Copper wire on, surface or in recess for loop earthing along with existing surface/recessed conduit/submain wiring/ cable as required. | Metre | 60 |  |  |
| 24 | WORK COMPLETION |  |  |  |  |
| 24.2 | Preparation of all drawings submitting and getting approval from Electrical Inspectorate, submitting of Completion certificates and arranging inspection, getting sanction and energisation certificates from Electrical Inspectorate & KSEB, obtaining power allocation & power connection etc. for commissioning of the whole installation in the premises. all statutory payments will be reimbursed on production of the original receipts. (Finding the exact Feeder to tap power is under the scope of Contractor) | LS | 1 |  |  |
| 25 | Miscellaneous Items |  |  |  |  |
| 25.1 | Miscellaneous electrical work, removing of existing conduits and interconnections of light,6A socket/16A socket/A/C point from existing DB | LS | 1 |  |  |
| 27 | Supply and Fixing of Calling bell with its all accessories(ISI Branded) | Each | 1 |  |  |
| 28 | Supply, installation & commissioning of 2 star rating 1.5 ton Air Conditioner (Voltas, Carrier. Onida,. Samsung, LG/ Equivalent) with 4KVA stabilizer with outdoor stand. The complete installation to be done with copper piping, water draining pipe etc  **Make and model of the Air Conditioner & stabilizer to be mentioned in the Bid** | Nos | 2 |  |  |
| **TOTAL** | | | | |  |