# ई निविदा दस्तावेज

# E- TENDER DOCUMENT

# भाग-II

(प्राइस बीड)

# [PART-II](#PARTII)

(PRICE BID)

**(Rates to be filled in E-procurement portal)**

**(रेट्स केवल ई-प्रॉक्यूरमेंट पोर्टल मे ही भरा जावे)**

# शाखा कहलगाँव का फर्नीशिंग एवं इलैक्ट्रिकल कार्य FURNISHING AND ELECTRICAL WORK AT KAHALGAON BRANCH

# 

# LOGO

# क्षेत्रीय कार्यालय कटिहार

# REGIONAL OFFICE KATIHAR

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TENDER FOR INTERIOR WORK CENTRAL BANK OF INDIA, KAHALGAON BRANCH PART(A )** | | | | | | |  |  | |
| **Item No** | **Description of Work** | | **Unit** | | **Quantity** | **Rate** | | **Amount** |
| **1** | **Full height Double skin partially glazed partition** | |  | |  |  | |  |
|  | Providing and fixing double skin partly glazed full height double skin partitions with frames of 50mm x 38mm(finished size) seasoned hardwood members (malaysian salwood / hollock) at max. intervals of 600mm x 600mm with provision of bigger members at skirting, top of partition / top of panelled partition / fixing to false ceiling, fixing to RCC slab, beams etc, fixing to door frames, (door choukhats shall be 1st Class TEAK WOOD ) etc, all woodwork to be treated with 1st quality anti-termite paint, and covered with 6mm thick BOILING WATER PROOF grade plywood ( Greenply / Century) and 1.0mm thick laminate of approved colour, texture and design, as per standard colours of CENTRAL BANK OF INDIA with grooves / small panels cut and pasted in the same as per design, on both sides so as to form a double skin partition, to level 900mm and with 12.0mm edge polished mm clear float glass above, | |  | |  |  | |  |
|  | fixed in wooden frame and with wooden beading as per detail design, which is to be of 1st quality teakwood (All visible wood to be of 1st quality "teakwood") and shall be polished. | |  | |  |  | |  |
|  | The wooden frame of the partition shall upto the false ceiling level, if required, and shall be firmly fixed to the ceiling (and ground) by means of RAWL PLUGS, so as to form a stable system. If the same does not go up to the ceiling, extra supports shall be given to make it a stable system. | |  | |  |  | |  |
|  | All necessary hardware such as stainless steel tower bolts, ISI marked door closers, floor springs, 6 Lever Godrej Mortice Locks, and any other hardware required for the door shall be included in the price. Any extra members required for Stability of the Partition / Aesthetic value shall be provided without any extra payment for the same. The Wooden Frame and all wooden members / elements shall be coated with anti-termite paint (Chloropyrophos) , as per the Manufacturers Specifications. | |  | |  |  | |  |
|  | **Note:** Payment for doors shall be included in this item / relevant partition | |  | |  |  | |  |
|  | item. | |  | |  |  | |  |
|  | The laminate shall have a number of horizontal/ vertical grooves / curved cutouts or small panels which shall be fixed securely as per design and if necessary, beading done for the same, as per standard design of CENTRAL BANK OF INDIA. | |  | |  |  | |  |
|  | Openings for communication / conversation if required shall be provided as required as per detailed design and nothing extra shall be paid / deducted for the same. | |  | |  |  | |  |
|  | All electrical wires, accessories, telephone wires, etc, shall be run in the partition as per Electrical Drawings and designs, and the same shall be paid under the Electrical Works to the Electrical Contractor. Nothing extra shall be paid for the co-ordination of the same, or for any minor changes etc. to the Interior Contractor. | |  | |  |  | |  |
|  | All items necessary for completing the above mentioned work are deemed to be included in the scope of work, whether or not they are specifically mentioned in the B.O.Q / tender documents / drawings. | |  | |  |  | |  |
|  | All exposed wooden surfaces are to be polished, and all exposed wooden surfaces shall be of teakwood. | | Sq.ft | | **-** |  | |  |
| **2** |  | |  | |  |  | |  |
|  | **Full height Double skin fully panelled partition** | |  | |  |  | |  |
|  | Providing and fixing Fully paneled partitions as per specifications given in Item No. 1 above, except that no glazing shall be there in the partition (doors shall however be glazed, if so desired by the CENTRAL BANK OF INDIA, or can be fully panelled also, with the same details and specifications in Item No. 1) all complete as per designs, details and specifications. | | Sq.ft | | **326** |  | |  |
| **3** | **Low Height Partition** | |  | |  |  | |  |
|  | Providing and fixing double skin partly paneled and partly glazed Low Height Partitions ( cash cabin side & back partitions / paritions b/w officer counters / BM cubicle partition ) with 12mm thick glass neatly and strongly inserted as per design and pattern , with the specifications of the fully panelled portion identical to the specifications given in Item No. 1 above. All exposed members shall be of teakwood, and polished and protected with Melamine Polish. Wicket doors shall be paid for at the same rate, even though they may be fully panelled, including all necessary hardware. | |  | |  |  | |  |
|  | All other specifications and conditions to be same as Item No. 1 above. | | Sq.ft | | **165** |  | |  |
| **4** |  | |  | |  |  | |  |
|  | **(LOW HEIGHT CABINET)** Providing and Fixing Low Height Cabinet finished with 1.0mm thick laminate, all complete with shelves, cabinets, etc., as per drawings and details, vertical and horizontal dividing members to be of 19mm thick BWP plywood cabinets, cabinet shutters to be of 19mm thick BWP plywood, all exposed surfaces to be covered with 1.0mm thick laminate, all inner surface to be covered with 0.8mm | |  | |  |  | |  |
|  | laminate, all handles to be of Efficient Gadgets / Ebco / Godrej / Hettich of approved quality and colour, all complete as per instructions of E/I. (Note: Elevation area to be measured) | |  | |  |  | |  |
|  | 1'-6" wide | | Sq.ft | | **60.00** |  | |  |
| **5a** | **FULL HEIGHT STORAGE CABINET:** Providing and Fixing FULL Height Cabinet finished with 1.0mm thick laminate, all complete with cabinets, etc., as per drawings and details, vertical and horizontal dividing members to be of 19mm thick BWP plywood cabinets, cabinet shutters to be of 19mm thick BWP plywood, all exposed surfaces to be covered with 1.0mm thick laminate, all inner surface to be covered with 0.8mm laminateall handles to be of Efficient Gadgets / Ebco / Godrej / Hettich of approved quality and colour, all complete as per instructions of E/I. (Note: Elevation area to be measured) | |  | |  |  | |  |
|  | 1'-9" depth | | Sq.ft | | 0.00 |  | |  |
| **6a** | **FALSE CEILING (2'X2')** | |  | |  |  | |  |
|  | GRID CEILING: Providing & Fixing of Armstrong Mineral Fibre Acoustical Suspended Ceiling System with Dune (Bevelled Tegular) Edge Tiles With Armstrong 15mm Exposed GRID. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.5, Light Reflectance ≥85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0 / Class 1 (BS 476 pt - 6 &7) in module size of 600 x 600 x 16mm , suitable for Green Building application, with Recycled content of 32%. The tile shall be laid on Armstrong Silhouette profile grid system with 15mm white flanges incorporating a 6mm central reveal in white/black colour and with a web height of 45mm and a load carrying capacity of minimum 15.68 Kgs/M2 & minimum pull out strength of 100 Kgs.. Silhouette, Main Runners & Cross Tees to have mitred ends & “birdsmouth” notches to provide mitred cruciform junctions. The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system of Armstrong make. The Tile & Grid system used together should carry a 30 year warranty. | |  | |  |  | |  |
|  | ARMSTRONG SUSPENSION SYSTEM accessories manufactured and supplied by Armstrong World Industries consisting of M6 Anchor Fasteners with Vertical Hangers made of Galvanised steel of size 26 x 26 x 25 x 1.2mm with a Galvanised Thickness of 80gsm, A pre Straightened Hanger wire of dia – 2.5 mm of 1.8 m length., thickness of 80gsm and a tensile strength of 344-413 MPa, along with Adjustable hook clips of 0.8mm thick, galvanised spring steel for 2.68 mm with a minimum pull strength of 110 kg. The adjustable clip also consists of a 3.5 mm aquiline wire to be used with the main runner. | | Sq.ft | | 500.00 |  | |  |
| **b** |  | |  | |  |  | |  |
|  | GYPBOARD CEILING WITH PAINTING: Providing and fixing suspended false ceiling consisting of 12.5mm thk Gypsum board (India Gypsum) suspended on GI framewrok to consist of GI permiter channels 0.55mm thick 20mm x 30mm along permieter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied joining tape and joining compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer alongwith 2 coats of acrylic paint. Rate quoted to include vertical, drops, all cutouts required etc. | | Sq.ft | | 335.00 |  | |  |
| **7** |  | |  | |  |  | |  |
|  | **INTERNAL COLUMN PANELLING** | |  | |  |  | |  |
|  | P/F wall paneling on soft wood frame 1” x 2” placed @ 1‟-6” c/c horizontally & vertically, finished with 6mm thick plywood by making horizontal grooves of size 1/8”x1/8” @ 18” c/c, 1.00 mm thick laminate, 8'-6" high as per design, the paneling shall be closed with 1.5” x 3/4” teak wood beading. | |  | |  |  | |  |
|  | The panelling shall have provision for housing cable system for power and communication cable separately. The power cables shall run at 0.75 mtr. Height and communication cables at skirting level. Every screw used in wall should properly fixed with M. Seal compound and raw plugs. | | Sq.ft | | 110.00 |  | |  |
| 8 | **Roller Blinds** | |  | |  |  | |  |
|  | Providing and fixing Roller Blinds (make-VISTA), all complete, with all fixing mechanisms, in specified color / texture / screen, as per attached list, all complete with installation, testing, correcting any deficiencies, all complete as per instructions of E/I. | | Sq.ft | | 65.00 |  | |  |
| **9** | **FURNITURE** | |  | |  |  | |  |
| A | **TABLE** | |  | |  |  | |  |
|  | Providing and Placing new tables alongwith matching credenza of plan size (basic) as given below and credenza of plan size as given below, table top to be made of 19 mm thick BWP plywood, edged with Teakwood beading of 40 mm x 25 mm, cut to required shape with the entire table to be finished with superior quality 1mm thick wood finish laminate / approved equivalent. Teakwood Beading to be polished to required colour and finished and protected with a top-coat of melamine finish. | |  | |  |  | |  |
|  | A credenza unit , (3'-0"x1'-6"x2'-6" Ht.) top, back and sides made out of 19mm thick BWP plywood, top to be finished with superior 1mm thick wood finish laminate / approved and and minimum 0.8mm thk laminate to be pasted on the inner side, which is not visible with identical detailing as specified above. | |  | |  |
|  | Tables to have a vertical modesty panel of 19mm thick BWP plywood covered with 1mm thick superior wood finish laminate(textured / raised wherever required) / approved equivalent of approved colour and | |
|  | minimum 0.8mm thk laminate to be pasted on the inner side, which is not visible. | |
|  | Drawers and cabinet shutters to be laminated on all external surfaces and 0.8mm laminate on all internal surfaces as specified above. | |
|  | All drawers and cabinets (both in tables and credenza) to be provided with „Godrej‟ locks and handles. Independent locking arrangement (cam lock) for each pedestal. 6‟ wide table to be provided with two pedestal one at each sides. At least 3 nos of drawers in each pedestal. Sleek handles for easy grip. | |
| **I** | Table top to be provided with 8 mm clear float glass with bevelled edges finish all sides. Holes, cutting wherever necessary to be provided at no extra cost. | |
| **II** | BM Table Set: 6'-0" x 3'-0' ( as/ design) | | Each | | 1 |  | |  |
| **III** | Officer / SWO Table Set: 4'-0" x 2'-6' ( as/ design) | | Each | | 3 |  | |  |
| **IV** | Server table set- 4'-6"X2'-0"( as/ design) | | Each | | 1 |  | |  |
|  | Cash cabin table set - 4'-9'' x 2'-9'' ( in two level) | |  | |  |  | |  |
|  | Providing & Fixing Cash counters set with two levels i.e. 2‟-6” & 4‟-0” ht. The lower portions top & all other exposed surface will be as per item given in 9a..The upper portion, i.e. customers‟ level will be of 12 mm granite top 12” wide. The vertical modesty panel will be semi glazed made up of 19 mm thick BWP plywood covered with 1 mm laminate of approved shade up to ht of 4'-0'' and toughned glass of 12mm thickness with holes/sleeves as per design up to ht of 7'-0'' supported at sides and top with teakwood lipping fixed on TW frames with ply over it as per item given in 9a. | | Each | | 1 |  | |  |
| **10** | **CHAIRS** | |  | |  |  | |  |
| **I** | Providing and placing Chairs of Godrej / approved equivalent make, all complete as per Banks Colours / Specifications, etc., all complete. | |  | |  |  | |  |
| **II** | Clerk /Officer's Chairs - Mid Back -Diva series | | Each | |  |  | |  |
| **III** | BM Chairs-Midback - Bravo series | | Each | |  |  | |  |
| **IV** | Visitors Chairs with armrest-Bravo series | | Each | |  |  | |  |
| **V** | 3 Seater perforated SS lounge chair with armrest - Perch series | | Each | |  |  | |  |
|  |  | |  | |  |  | |  |
| **11** | **WRITING LEDGE, DROP BOX & COMPLAINT BOX:** | |  | |  |  | |  |
|  | Providing and fixing writing ledge at finished ht. of 4‟-0”, size 9‟-6” x 1‟-0” x 0‟-7 ½” high (face area) around central column as per design drg. Made of 19mm th. plywood, 1 mm thk. Laminate with teak wood lipping etc. 12mm thick machine polished glass to be provided on top of the writing ledge. Small boxes to be made out of 19mm ply woods to be made below the writing ledge finished with 1.0mm laminate, inside 0.8 mm laminate finished. | | Each | | 1.00 |  | |  |
|  | Cheque drop box and complaint box of size 12” width x 18‟‟ ht. has also to be provided below the ledge made of 12mm thick ply at all sides finished with 1.0mm laminate, inside 0.8 mm laminate finished. . The other hardware, such as S.S. handles, brass hinges, locks and magnetic catchers etc. shall be shall be provided as per requirement. The work to be Completed as per design and approval of the Bank‟s Officials. | | Each | | 1.00 |  | |  |
| **12** |  | |  | |  |  | |  |
|  | **NOTICE / SOFT BOARDS** | |  | |  |  | |  |
|  | Providing & fixing soft boards of size 4‟-6”x 2‟-6” on 10mm th. ply board 12mm th. soft board finished with cotton fabric , 1”x2” teak wood beading. ( basic cost of fabric Rs. 200/- per mt.) | | Each | | 1.00 |  | |  |
| **13** |  | |  | |  |  | |  |
| **a** | **ALUMINUM MAIN DOOR (2 NOS)** | |  | |  |  | |  |
|  | Providing and fixing Aluminum door comprising of approximate 83.5mm vertical members, approximate 85-90mm top & bottom, approximately 83.5mm middle member, Black powder coated. Thickness of section not less than 1.5mm. Hemco/Dorma/ Gezee/ Insta floor spring (for 100 kg weight and rated for min 0.3 million cycles) and Pivot on top. 12 mm clear glass with scratch free film on both sides. Suitable rubber beading. Wool pile/ weather strip on one vertical member. Providing and fixing color customized door handle 18” long to fit on aluminum section and locking arrangement of 100mm GODREJ Mortice Lock of 6 lever all complete including necessary dismanteling RCC/brick work for fixing of floor springs and fixing of frame. The door size is 2‟6” x 7‟ | | Sq.ft | | 25.00 |  | |  |
| **b** | **ALUMINUM FIXED PARTITION** | | | | |  | |  |
|  | Providing and fixing Aluminum panel fixed comprising of approximate 83.5mm vertical members, top &bottom and middle members. Black powder coated. Thickness of section not less than 1.5mm. 12 mm clear float glass (Modi/ Saint Gobain) to be used. Depending on the width & hieght of the façade, one or two panels may be made. | Sq.ft | | 45.00 | |  | |  |
| **14** | **PAINTING WORK** |  | |  | |  | |  |
|  | **Plastic Emulsion Paint** |  | |  | |  | |  |
|  | Providing and applying washable oil-bound distemper of Approved brand and of approved shade firstly removing old paint / black stains with scratching using stiff wire / fiber brush, sand paper, fine steel wool then removing all loose and powdery residue, any fungus and algae thorough brushing, cleaning, making surface imperfections such as holes, dents, small visible cracks by filling using mixture and then after surface preparations, then applying one coat of approved primer, then providing and applying two coats of washable oil bound distemper of approved colour, shade etc. All complete as per the Direction Of Consulting Engineer / In Charge | Sq.ft | | 0.00 | |  | |  |
| **15** | **Synthetic Enamel Paint** |  | |  | |  | |  |
|  | Thoroughly scraping and cleaning the surface applying one coat of prime, and two coats of oil paint to window grills, channel gate and other area as required. complete as per the direction of Consulting Engineer / in-charge | Sq.ft | | 0.00 | |  | |  |
|  | **TOTAL**  GST  **GRAND TOTAL**  **GRAND TOTAL IN WORDS:-** |  | |  | |  | |  |
|  |  |  | |  | |  | |  |

SEAL & SIGNATURE OF CONTRACTOR

|  |  |  |  |
| --- | --- | --- | --- |
|  | **CENTRAL BANK OF INDIA, KATIHAR, BIHAR** | | |
| **INTERIOR MAKE LIST** | | | |
|  |  |  |  |
| 1 | Ply Board | Century/ Green/Archid |  |
| 2 | Block Board | Anchor / Century / Archid |  |
| 3 | Laminates | Greenlam / Century / Sunmica. /Merino |  |
| 4 | Door Closer | Godrej/Link/Quba |  |
| 5 | Door/Drawer Handle | Godrej/Link/Quba |  |
| 6 | Telescopic channels | Godrej/Link/Quba |  |
| 7 | Magnet/ Tower Bolt | Godrej/Link/Quba |  |
| 8 | Locks | Godrej/Link/Quba |  |
| 9 | Floor Spring | Ozone/ HARDWIN/Godrej |  |
| 10 | Toughened Glass | Saint Gobin/ Modi Guard/Ais |  |
| 11 | Plain Glass | Saint Gobin/ Modi Guard/Ais |  |
| 12 | Grid Type False Ceiling | India Gypsum/Armstrong/ Saint Gobin | |
| 13 | Gypsum False Ceiling | India Gypsum/Armstrong/ Saint Gobin | |
| 14 | Vertical Blinds | MARVEL / VISTA/ad |  |
| 15 | Paints | Asian/Nerolac/Berger |  |
| 16 | Glue | Fevicol |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TENDER FOR ELECTRICAL WORKS CENTRAL BANK OF INDIA, KAHALGAON BRANCH (PART B)** | | | | | |  | |  | |
| S. | Description | | Unit | TOTAL | Rate | | Amount | |
| No. |  | |  | QTY |  | |  | |
|  | **W I R I N G** | |  |  |  | |  | |
| 1 | Providing wiring ( supply, fixing, testing and comm. etc) for light point / Exhaust fan point / Call bell point/6A Switch-socket point etc with 2x1.5+1X1.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend , junction box etc in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose , bulb/angle holder etc including 1.5 sqmm PVC insulated copper earth wire etc complete as required. Wire colors : Red, Black, Green .Supplying, providing wiring (supply, fixing, testing and comm. etc) for circuit with 2 x 2.5 + 1 x 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc ( Wiring from D.B. / Source to Board/destination ) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed. | |  |  |  | |  | |
| 1.1 | Primary light point | | Point | 19 |  | |  | |
| 1.2 | Secondary light point | | Point | 18 |  | |  | |
|  | Note: Maximum 3 points to be looped from primary. | |  |  |  | |  | |
| 1.3 | Plug point /ceiling Rose Point (for wall fans/Exhaust fan) Supply, fixing and commissioning of 1 No 6A multi Socket/Ceiling rose with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc. on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed. | | Point | 12 |  | |  | |
| 1.4 | 6 AMP. POINTS ON SAME BOARD (Half point): | | Point | 8 |  | |  | |
| Supply, fixing, testing and commissioning of 1 No 6 A | |
| Multi Socket with 1No. 6 A switch ( Modular type ) with | |
| cover plate , sheet steel box / PVC modular box etc on | |
| surface / concealed manner I/c electrical connections | |
| and making good all the damages, painting, cleaning | |
| the site etc. complete as required as per site requirement | |
|  | and as directed. | |
| 1.5 | Ceiling fan point (rate should include electronic fan speed regulator) | | Point | 5 |  | |  | |
| 2 | Wiring for **circuit/ sub main** wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed with PVC conduit as required. | |  |  |  | |  | |
| a | 4 X 4 sq. mm + 1 X 2.5 sq. mm earth wire (**Sub Main Wiring frompanel to UPS/Light DB Panel)** | | Meter | 35 |  | |  | |
| b | 4X 6 sq. mm + 1 X 4 sq. mm earth wire(**Sub Main Wiring from panel to power DB)** | | Meter | 20 |  | |  | |
| 3 | **UPS points (any length)** | | | |  | |  | |
|  | Supplying and fixing suitable size box with modular plate and cover including providing and fixing 5 pin 3X6/16 amps modular socket outlet and 16 amps modular switch on board connection etc. as required with wiring with 2 X 2.5 sq. mm + 1 X 2.5 sq. mm FRLS PVC insulated copper conductor wire in MMS grade PVC conduit with all accessories etc. (wiring from DB / Source to Board/destination). (For power plugs to be used in non-residential buildings). | | Each | 7 |  | |  | |
| 4 | **LAN POINT (any length)** | | | |  | |  | |
|  | Supplying and fixing four pair CAT 6 LAN cable tinned copper conductor (from Server rack to I/O outlet) through PVC conduit including connection, testing etc. as required with | |  |  |  | |  | |
| a | Net socket outlet with shutter modular type Rj-45 I/O with suitable size PVC modular boxes complete as required (**D-Link Make)** | | Each | 7 |  | |  | |
| b | Supply fitting fixing Rack 9 U server Rack complete etc. as required | | Each | 1 |  | |  | |
|  | | | | |  | |  | |
| 5 | | **16 AMP. POWER POINTS: (including circuit wiring):** | Each | 7 |  | |  | |
| Supply, fixing, testing and commissioning of 1 No 16 A |
| switch & 1 No. six pin 6/16 Amp. Multi Socket ( Modular |
| Type ) with cover plate , sheet steel box etc. on surface / |
| concealed manner I/c electrical wiring with 2 X4 sqmm |
| + 1 X 4 sqmm FRLS PVC insulated copper conductor |
| single core multi stranded wire in MMS grade-PVC |
| conduit with conduit accessories like bend, junction box |
| etc. on surface / recessed manner etc. ( Wiring from D.B. |
| / Source to Board to destination ) and making good all |
| the damages, painting, cleaning the site etc. complete |
| as required as per site requirement and as directed. |
| 6 | | **MODULAR BLANK PLATE** | | |  | |  | |
|  | | Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required. | Each | 6 |  | |  | |
|  | | **AC POINTS :** | Each | 4 |  | |  | |
| 7 | | Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 25 A Metal plug and socket, with 25A/32A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc. (Wiring from D.B. / Source toBoard/destination ) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed. |
|  | | (MCB of C-Curve with S.C Capacity 10 kA) |
| 8 | | **MCCB, MCB & DB'S** | | |  | |  | |
| A | | **LIGHT DISTRIBUTION BOARD** |  |  |  | |  | |
|  | | Supplying and fixing following way, horizontal type single pole and neutral, sheet steel, MCB distribution board double door , 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including Earthing etc. as required. |  |  |  | |  | |
|  | | 4 way TPN DB IP 42, Double door |  |  |  | |  | |
|  | | INCOMER |  |  |  | |  | |
|  | | 1 No. TPN-RCBO 63 Amp ,100 ma sensitivity |  |  |  | |  | |
|  | | OUTGOINGS |  |  |  | |  | |
|  | | 10-12 Nos SPMCB 6/10/16 Amp, B-Curve |  |  |  | |  | |
|  | | SET AS ABOVE | Each | 1 |  | |  | |
| B | | **AC / RAW POWER DISTRIBUTION BOARD** |  |  |  | |  | |
|  | | Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board double door , 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including Earthing etc. as required. |  |  |  | |  | |
|  | | 4 way TPN DB IP 42, Double door |  |  |  | |  | |
|  | | INCOMER |  |  |  | |  | |
|  | | 1 No. TPN MCB 63 Amp ,C Curve |  |  |  | |  | |
|  | | OUTGOINGS |  |  |  | |  | |
|  | | 12 Nos SPMCB 25/32 Amp, C-Curve |  |  |  | |  | |
|  | | SET AS ABOVE | Each | 1 |  | |  | |
| C | | **UPS Distribution Board** |  |  |  | |  | |
|  | | Supplying and fixing following way, horizontal type SPN DB, sheet steel, MCB distribution board double door , on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including Earthing etc. as required. |  |  |  | |  | |
|  | | 1 NOS 12 WAY SPN DIST BOARD |  |  |  | |  | |
|  | | INCOMER |  |  |  | |  | |
|  | | 2 No. DP MCB 40 Amp |  |  |  | |  | |
|  | | OUTGOINGS |  |  |  | |  | |
|  | | 8 Nos SPMCB 6/10 Amp |  |  |  | |  | |
|  | | SET AS ABOVE | Each | 1 |  | |  | |
| D | | Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required. | Each | 8 |  | |  | |
| E | | Danger Sticker / Board for Indication | Each | 1 |  | |  | |
| **9** | | **CALL BELL** |  |  |  | |  | |
|  | | Call bell point/circuit wiring including Ding – Dong bell with 1.5 mm sq. FRLS multi strand PVC copper wire including plate switches, sockets, etc. in EXECUTIVE chambers. | Nos | 1 |  | |  | |
|  | | | | |  | |  | |
| 10 | | **CHEMICAL EARTHING** |  |  |  | |  | |
| a | | SITC of Chemical Earthing using minimum 17 mm dia. 2 mtr long high tensile low carbon steel circular rod with minimum copper bonded thickness of 250 microns. Providing copper strip150 mm x 25 mm x 6 mm in straight through joint to terminate Earth Rod having 4 holes for connections complete with excavation in all types of soil/stone, civil works etc. The voltage between Neutral & Earth not to exceed 2 volts & IR value less than 1 ohm. The earth resistance shall be as per IS 3043. | Nos | 2 |  | |  | |
| A hole of 100 mm to 125 mm dia to be augured to a depth of about 2.5 meters. |
| Providing & Backfill Earthing enhancement Compound minimum 20 kg approved by NABL. |
| P & F Concrete/Iron Chamber with plaster incl. all civil works complete with concrete/iron lid painted black with pulling hooks on top. |
| Size: 300x300x300 mm internal |
| Labour Charges for completing the above process for Earthing |
| with Earth excavation, provide Earthing electrode and refilling |
| b | | Connecting from Earthing terminal to electrical DB system by 12 SWG Copper wire with nut bolt and 20mm PVC pipe and fittings including. | Mts. | 40 |  | |  | |
|  | | | | |  | |  | |
| 11 | | **ELECTRICAL PANEL** |  |  |  | |  | |
|  | | Supply, erection, connecting, testing and commissioning of cubicle type panel fabricated out of CRCA sheet steel, Wall mounted totally enclosed switchboard of uniform width suitable for use of 415 volts , 3 phase, 50 HZ complete and housed with Copper bus bar equipment and their accessories including supply and fixing of base channel of 100 x 50 x 6 mm as required and with following incoming and outgoing switchgear as per the specifications and schematic diagram Powder Coated. All feeder units to be compartmentalized. Interconnecting single core multi strand lugged copper wire of suitable capacity & size with lugs from bus bar to switch gears/MCCB/MCB, two Earthing terminal bus bars of size 25x5 mm with nuts and bolts at outside the panel. |  |  |  | |  | |
|  | | SFU TPN 100 A with HRC fuses (just after meter and prior to MainPanel) |  |  |  | |  | |
|  | | INCOMER: |  |  |  | |  | |
|  | | 1 Nos 125 Amp TPN,36kA, MCCB's with microprocessor based releases for overcurrent, short circuit and earth fault, with isolable neutral, ON indication, 1 no. multifunction digital meter (showing all power parameters), with selector switch, matching cast resin CT's. |  |  |  | |  | |
|  | | BUS BAR |  |  |  | |  | |
|  | | A set of TPN insulated Copper bus bar rated for 125A (after considering all necessary ratings) 3 phase 4wire, 50Hz. |  |  |  | |  | |
|  | | (All Internal Wiring With 35 Sq. mm copper Wire) |  |  |  | |  | |
|  | | OUTGOING |  |  |  | |  | |
|  | | 3 nos 100A TPN MCB's, 25 kA with indication lamps (1 each for light DB, AC DB & Power DB) |  |  |  | |  | |
|  | | 3 nos 63 A DP MCB's, 25 kA with indication lamps (2 for UPS Incoming/Outgoing & 1 for GSB) |  |  |  | |  | |
|  | | Other items such as |  |  |  | |  | |
|  | | 1 Lot of control Copper wiring |  |  |  | |  | |
|  | | 1 Set of designation plates |  |  |  | |  | |
|  | | Switchbaord as above complete |  |  |  | |  | |
|  | | with all internal wiring and thimble including. |  |  |  | |  | |
|  | | including 1 nos of 63 A three phase Load Changeover | Sets | 1 |  | |  | |
| 12 | | **FIXTURES AND FITTINGS** |  |  |  | |  | |
| a | | Supply, installation, testing and commisioning of 15 W LED recessed mounted down light. Lumen output: 1000 lumen Approved model: Philips Green Perform Sleek DN295B LED 10S-6500 PSU WH | Nos. | 12 |  | |  | |
| b | | 1200mm ceiling fan - 5 star rating Make- Crompton/ Bajaj | Nos. | 5 |  | |  | |
| c | | Supply, installation, testing and commisioning of 2'x2' square commercial LED of minimum 32-40 W of correction colour temperature 6500 K recess mounted lumanaries . (Minimum output: 4000 lumen) , PF >0.9, CRI >=80. Approved model: Philips FullGlow RC380B LED 42S - 6500 G5 L60W60 PSU OD | Nos. | 11 |  | |  | |
| d | | Supply and fixing of 400 mm dia. white wall fan HI-speed, Having two cord one for 3 no. swing and another one for speed control, motor speed 1400 RPM - 5 star rating | Nos. | 6 |  | |  | |
| e | | Supply of exhaust fan heavy duty with louver shutter (ISI marked) of 200 mm dia 900 RPM | Nos. | 1 |  | |  | |
| f | | 20 W LED T5 tube light Wall/ceiling mounted light fittings | Nos. | 3 |  | |  | |
|  | | | | |  | |  | |
| 13 | | **MAIN (SERVICE) CABLE** |  |  |  | |  | |
|  | | Supply and installation cable from electric meter to LT Panel with 3.5 core 35 sqmm flame proof PVC insulated aluminium conductor armoured CABLE of 650/1100 volts grade with required earth wire with concealed / exposed PVC pipe, including making all the connections, including cutting chases and making good the surfaces wherever required. | MTR | 30 |  | |  | |
| 14 | | **GENERATOR CABLE** |  |  |  | |  | |
|  | | Supply and installation cable from generator to LT Panel with 3.5 core 25 sqmm flame proof PVC insulated aluminium conductor armoured CABLE of 650/1100 volts grade with required earth wire with concealed / exposed PVC pipe, including making all the connections, including cutting chases and making good the surfaces wherever required.-Finolex/RR/Polycab | MTR | 0 |  | |  | |
|  | | | | |  | |  | |
| 15 | | Glow Sign Board point wiring: | MTR | 15 |  | |  | |
| 2 x 4 sqmm + 1 x 2.5 sqmm multi strand PVC copper wire in PVC Pipes. This is to be connected to either one of SP or DP MCB of the Main Panel. Finolex/RR/Polycab |
|  | | **TOTAL**  GST  **GRAND TOTAL**  **GRAND TOTAL IN WORDS:-** |  |  |  | |  | |
|  | |  |  |  |  | |  | |

SEAL & SIGNATURE OF CONTRACTOR

|  |  |  |  |
| --- | --- | --- | --- |
|  | CENTRAL BANK OF INDIA, KAHALGAON, BIHAR | | |
| ELECTRICAL MAKE LIST | | | |
| 1 | Wire | Finolex/Havells/Polycab |
| 2 | Switch,Socket | Phillips/Havells/Roma |
| 3 | Ceilling fan | Crompton/Havells/Usha |
| 4 | Wall fan | Crompton/Havells/Usha |
| 5 | Exhaust fan | Crompton/Havells/Usha |
| 6 | 18W round light | Syska/Havells/phillips |
| 7 | 2'X2' Square light | Syska/Havells/Phillips |
| 8 | Armoured cable | Finolex/Havells/Polycab |
| 9 | Earthing | Remedies/Ashlok |
| 10 | MCB/MCCB/DB | Havells/L&T/Phillips/Ligrand |
| 11 | AC Socket | Phillips/Havells/Anchor |
| 12 | 10W LED light | Phillips/Syska/Havells |
| 13 | Call bell | Havells/Anchor |
| 14 | Internet wire | Havells/finolex |
| 15 | Internet outlet | Havells/finolex/Roma |
| 16 | AC units | Carrier/Hitachi/Voltas |
| 20 | PVC pipe | Durga/Malhotra |
| 21 | AC | Voltas/Blue Star/Carrer/Hitachi |

**ABSTRACT**

**SUB: FURNISHING AND ELECTRICAL WORK AT KAHALGAON BRANCH**

|  |  |  |
| --- | --- | --- |
| Sr. no. | Particulars | Amount |
| 1 | Furnishing work (Part-A) | *To* ***be filled in E-procurement portal*** *only* |
| 2 | Electrical and allied work work (Part-B) |
| 3 | Total (1+2) |
| 4 | Discount if any |
| 5 | **TOTAL (3 - 4)** |

*\*The Prices quoted must be inclusive of all taxes, duties labour, transporation etc.* ***except******GST****. GST will be reimbursed as applicable.*

**Seal & Signature of Firm,**