

| TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION),THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR | | | | | |
|--|---|------|--------|-----------------------|---------------|
| NAME OF THE WORK :-EXECUTION OF ADDITIONAL EXTERNAL ELECTRIFICATION WORK FOR POWER SUPPLY TO DISTRICT COURT BUILDING AT KENDRAPADA IN THE DIST. OF KENDRAPADA. | | | | | |
| BID REF NO.- 32/JM/ELECT/OPHWC/2019-20 | | | | | |
| Bidder Name | | | | | |
| SCHEDULE OF WORKS | | | | | |
| Sl. No. | Description of work | Unit | Qty. | Estimated Cost in Rs. | |
| | | | | RATE IN RS. | AMOUNT IN RS. |
| SCOPE-A | Installation of 250 KVA 11/0.4KV Plinth mounted sub station - 1 No. | | | | |
| 1 | 100x50x6mm GI channel each 2.8 mtr long(9.2K.g/mtr)x 6 Nos. | K.g | 309.12 | 99.00 | 30602.88 |
| 2 | 50x50x6mm GI Angle (4.5Kg/mtr)x4 Nos. | K.g | 67.5 | 99.00 | 6682.50 |
| 3 | 11 KV AB switch 3 pole(400A)50 HZ | set | 1 | 11850.00 | 11850.00 |
| 4 | 11KV HG fuse 3pole (400A) with PI | No | 1 | 11530.00 | 11530.00 |
| 5 | 40mm nominal bore GI Pipe medium gauge earthing device 3mtr long | No | 5 | 1050.00 | 5250.00 |
| 6 | 25x6 mm GI Flat | Kg | 120 | 75.00 | 9000.00 |
| 7 | 40x6 mm GI Flat | Kg | 60 | 75.00 | 4500.00 |
| 8 | Materials for massonary work for eathpit, charcoal,salt etc including construction of earthing chamber(size : 2"x2") & RCC slab cover | No | 5 | 2270.27 | 11351.35 |
| 9 | 50mm ² 11 kv grade pvc insulated conductor | Km | 0.04 | 30000.00 | 1200.00 |
| 10 | GI nut bolt & Washer of Assorted size | Kg | 20 | 78.00 | 1560.00 |
| 11 | 250 KVA 11/4 KV TFR AL with tap changer,BIS Energy Level-II | No | 1 | 268450.00 | 268450.00 |
| 12 | LT Distrubution Box with MCCB Aluminium busbar of 3 bay with kitkat fusefor 250 kVA S/S | No | 1 | 48000.00 | 48000.00 |
| 13 | 3 1/2 x300 mm ² PVC cable for I/C(1No.)250 kva Tfr. | Mtr | 24 | 994.00 | 23856.00 |
| 14 | 3 1/2 x300 mm ² PVC cable for O/G(2 No.)250 kva Tfr. | Mtr | 32 | 994.00 | 31808.00 |
| 15 | 100x116 mm RS Joist 4 Mtr. Long x23 kg for resting of LT cable | Mtr | 92 | 65.00 | 5980.00 |
| 16 | Plinth for TFr. 6 Ft. height (below GL 2ft)x5ftx5ft | No | 1 | 16800.00 | 16800.00 |
| 17 | Barbed wire fencing(30'x30') with construction of retaining wall, erection of RCC fencing post , sand filling, metal spreading & fixing of iron gate as per CESU. | No | 1 | 97020.00 | 97020.00 |
| 18 | Sundries for survey, PVC tape , ampire tape, danger board ,small size nut & bolt preparation of drawing cable Socket etc. | LS | 1 | 2772.00 | 2772.00 |

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|-------------------------|---|------|--------------------------|---------------|------------------|
| SCOPE-B | Conversion of 3 Ph 5 W LT Line with 3x50+1x35+1x16 sq.mm ABC to 3x95+1x70+1x16 sq. mm ABC-0.165 Km Stringing of additional feeder of LT Line with 3x95+1x70+1x16 sq. mm ABC-0.165 Km | | | | |
| 1 | 2 ph 3 W X Arm 4.82 kg /each | No | 5 | 360.00 | 1800.00 |
| 2 | X Arm back clamp 0.85 kg each | No | 5 | 80.00 | 400.00 |
| 3 | MS Nuts and bolts of assorted size | Kg | 3 | 78.00 | 234.00 |
| 4 | LT shackle insulator | No | 10 | 30.00 | 300.00 |
| 5 | GI strap and bolt | Pair | 10 | 80.00 | 800.00 |
| 6 | 80 sq. mm AAAC (for jumpering) | Km | 0.013 | 43000.00 | 559.00 |
| 7 | AB cable(3x95+1x70+1x16 sq. mm) | Km | 0.34 | 243000.00 | 82620.00 |
| 8 | Red Oxide Paint | Ltr | 0.5 | 150.00 | 75.00 |
| 9 | Alluminium Paint | Ltr | 0.5 | 200.06 | 100.03 |
| 10 | Sundries(survey,tree cutting,insulated tape etc.) | L/S | 1 | 435.60 | 435.60 |
| A | TOTAL MATERIAL COST(FOR-2018-19) | | | | 675536.36 |
| B | Stock, Storage & Insurance @ 3% of A | | | | 20266.09 |
| C | SUB TOTAL | | | | 695802.45 |
| D | Contingency @3% of C | | | | 20874.07 |
| E | T & P 2% of C | | | | 13916.05 |
| F | Transportation @ 7.5% of C | | | | 52185.18 |
| G | Erection Charges for PSC Pole @ 20% | | | | 0.00 |
| H | Erection Charges of Tfr. @ 5% | | | | 13825.18 |
| I | Erection Charges of other @ 10% | | | | 41929.89 |
| J | Sub Total | | | | 838532.83 |
| SCOPE-C | Additional Labour charges towards dismantling of LT Line (3 Ph 5 W) with ABC with transportation from site to section store. | No | 4 | 175.00 | 700.00 |
| A | TOTAL RS. | | | | 839232.83 |
| B | Total Estimated Cost in Figures | | | | 839233.00 |
| EXCESS | <input type="checkbox"/> | LESS | <input type="checkbox"/> | (Please Tick) | _____ % |
| Quoted Amount in Figure | | | | | |
| Quoted Amount in words | | | | | |

N:B- The Estimated cost is exclusive of GST.

Signature of Tenderer with seal

Sd/-
Asst. Project Manager[Elect.]

Sd/-
APM Elect. (Hqr.)

Sd/-
Consultant(Elect.)

Sd/-
Joint Manager(Elect.)