

AMUNDESHWARI ELECTRICITY SUPPLY CORPORATION LTD

Estimate No: PCR-2576

DATE: 23-09-2022

Estimate for APS to 10KW Commercial installation in favour of Indus Towers @ No.299/10
Hommaragalli Village, Hampapura section, H D Kote Sub Division under SEW

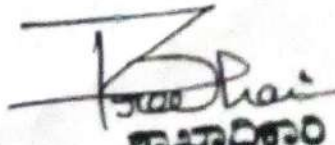
PART-A Running 11 KV Line

| Sl No | Particulars, Name of The Materials | Unit | Qty | Rate | Amount | Labour Charges | Amount |
|---------------------------|--|------|--------|----------|-----------------|----------------|-----------------|
| | | | | | | Rate | |
| 1 | RCC pole 9 Mtr long | No | 1 | 7153.00 | 7153.00 | 1341.00 | 1341.00 |
| 2 | PSC pole 9 Mtr long (strut) | No | 1 | 4276.00 | 4276.00 | 1341.00 | 1341.00 |
| 3 | Pole Concreting : | | | | | | |
| | Base concreting | No | 2 | | | 273.00 | 546.00 |
| | Pole Concreting | No | 2 | | | 3158.00 | 6316.00 |
| | Cooping | No | 2 | | | 542.00 | 1084.00 |
| 4 | PSC pole 8m long | No | 2 | | | | 0.00 |
| 5 | DP structure using 9m RCC poles | No | 0 | 3578.00 | 0.00 | 1072.00 | |
| 6 | 200A Single Break GOS | Set | 0 | 21369.00 | | 4114.00 | |
| 7 | Horizontal cross arms with HT/ST | Set | 0 | 9125.00 | 0.00 | 805.00 | 0.00 |
| 8 | 11 KV Polymeric pin insulators | No | 3 | 668.00 | 2004.00 | 122.00 | 366.00 |
| 9 | 45 KN Polymeric Disc insulator | No | 3 | 221.00 | 663.00 | | |
| 10 | 45 KN Polymeric Disc insulator | No | 12 | 202.00 | 2424.00 | | |
| 10 | Rabbit conductor with 1.5% Sag | Km | 0.3654 | 61515.00 | 22477.58 | 3299.00 | 1205.45 |
| 11 | Guy set | Set | 2 | 1209.00 | 2418.00 | 448.00 | 896.00 |
| 12 | Jungle Clearance | Km | 0 | | | 6940.00 | 0.00 |
| 13 | Spiral Earth Electrode | No | 2 | 248.00 | 496.00 | 70.00 | 140.00 |
| 14 | LT 4 Pin cross arms | No | 0 | 439.00 | 0.00 | 122.00 | 0.00 |
| 15 | Horn Gap fuse unit | Set | 0 | 5672.00 | 0.00 | 178.00 | 0.00 |
| 16 | MISCELLEANEOUS | L/S | | | 44.00 | | 70.00 |
| | | | | | | | 212.00 |
| 1 | MATERIALS COST | | | | 41955.58 | | 13305.45 |
| 2 | CASUAL LABOUR | | | | 13305.45 | | |
| 3 | L. A. 30% on Labour charges | | | | 3991.64 | | |
| 4 | Contengencies @ 2% on material + labour charges + LA | | | | 1185.05 | | |
| 5 | ESCOM Establishment cost 20 % on labour charges | | | | 3459.42 | | |
| PART-A GRAND TOTAL | | | | | 63897.14 | | |
| Rounding off | | | | | 63897.00 | | 64233.00 |

PART-B Erection of 25 KVA DTC:-

| Sl No | Particulars, Name of The Materials | Unit | Qty | Rate | Amount | Labour Charges | Amount |
|-------|---|------|-----|----------|-----------|----------------|---------------|
| | | | | | | Rate | |
| 1 | Erection of 3 phase 11KV / 433 V 25 KVA Distribution Transformer centre on DPTS Along with GOS, DTC Metering along with CT (As Per CDS - 24) incude charges,labour charges,material charges. | Set | 1 | 174596.0 | 174596.00 | 14490.00 | 14490.00 |
| | | | | | | | 828.00 |

Loading & unloading cost


K. S. Prasad
 Manager
 H. D. Kote Sub Division
 H. D. K. S. D. S. Sub Division

| | | | | | | | |
|---------------------------|--|----|---|--|--|------------------|------------------|
| 2 | Pole Concreting : | | | | | | |
| | Base concreting | No | 2 | | | 273.00 | 546.00 |
| | Pole Concreting | No | 2 | | | 3158.00 | 6316.00 |
| | Cooping | No | 2 | | | 542.00 | 1084.00 |
| 1 | MATERIALS COST | No | 2 | | | | 22436.00 |
| 2 | CASUAL LABOUR | | | | | 174596.00 | |
| 3 | L. A. 30% on Labour charges | | | | | 22436.00 | |
| 4 | Contengencies @ 2% on material + labour charges + LA | | | | | 6730.80 | |
| 5 | ESCOM Establishment cost 20 % on labour charges | | | | | 4075.26 | |
| | | | | | | 5833.36 | |
| PART-A GRAND TOTAL | | | | | | 213671.42 | 214785.80 |
| PART-B GRAND TOTAL | | | | | | | |

93

PART-C Running LT 3Phase 4wire line :-

| Sl No | Particulars, Name of The Materials | Unit | Qty | Rate | Amount | Labour Charges | Amount |
|---------------------------|--|------|--------|----------|---------|------------------|---------|
| | | | | | | Rate | |
| 1 | RCC pole 9m long | No | 0 | 7153.00 | 0.00 | 1341.00 | 0.00 |
| 2 | PSC pole 9m long | No | 0 | 4276.00 | 0.00 | 1341.00 | 0.00 |
| 3 | RCC pole 8m long | No | 1 | 5306.00 | 5306.00 | 1072.00 | 1072.00 |
| 4 | PSC pole 8m long | No | 0 | 3578.00 | 0.00 | 1072.00 | 0.00 |
| 5 | 4 Pin cross arms | No | 1 | 439.00 | 439.00 | 122.00 | 122.00 |
| 6 | 1.1 KV pin insulators | No | 0 | 65.00 | 0.00 | | |
| 7 | 8KN Strain insulator | No | 8 | 25.00 | 200.00 | | |
| 8 | Guy set complete | No | 1 | 1179.00 | 1179.00 | 448.00 | 448.00 |
| 9 | Weasel conductor with 1.5% sag | KM | 0.0203 | 37018.00 | 751.47 | 2420.00 | 49.13 |
| 10 | Pole Concreting : | | | 61515.00 | 1250.00 | 329.00 | |
| | Base concreting | No | 1 | | | 273.00 | 273.00 |
| | Pole Concreting | No | 1 | | | 3158.00 | 3158.00 |
| | Cooping | No | 1 | | | 542.00 | 542.00 |
| 11 | MISCELLEANEOUS | L/S | | | 0.00 | | 0.00 |
| | | | | | | | 49.13 |
| 1 | A) MATERIALS COST | | | | 7875.47 | 8374.00 | 5664.13 |
| 2 | B) CASUAL LABOUR | | | | 5664.13 | | 5685 |
| 3 | L. A. 30% on Labour charges | | | | 1699.24 | | |
| 4 | Contengencies @ 2% on material + labour charges + LA | | | | 304.78 | | |
| 5 | ESCOM Establishment cost 20 % on labour charges | | | | 1472.67 | | |
| PART-C GRAND TOTAL | | | | | | 17016.28 | |
| Round off | | | | | | -17016.00 | |

70

17558.00

[Signature]
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| | |
|---------------------------------|-----------|
| Part-A | |
| Part-B | 63897.00 |
| Part-C | 213671.42 |
| Electrical Inspectorate Charges | 17016.00 |
| TOTAL : | 3100.00 |
| Round off | 297684.42 |

297684.42

CERTIFICATE:- Certified that I have personally visited the spot and prepared this estimate using current schedule of rates in the most economical and safe way of executing the work.

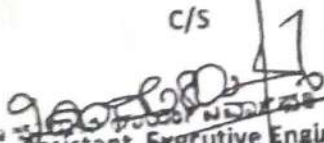
REPORT:- This estimate amounting to Rupees 297684-00 for APS to 10KW Commercial Installation in favour of Indus Towers @ No.299/10 Hommaragalli Village, Hampapura section, H D Kote Sub Division under SEW

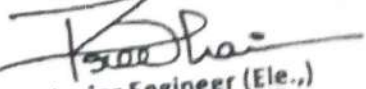
1X25KVA transformer has been proposed to arrange supply to this installation to take proposed Load. The HT tapping is from existing 11 KV Hommaragalli Town feeder.

This estimate involves following work :

- 1. Proposed HT extension to a distance of = 0.08 KM
- 2. Proposed additional 25KVA DTC is = 1 No
- 3. Proposed LT 3 ph 4 wire line to a distance of = 0.01 KM

Neat sketch is enclosed herewith and all the necessary line materials and labour charges have been provided in this estimate. Hence this estimate may kindly be sanctioned at the earliest. There is no Feasibility in LT lines in the surroundings, So TC has been Proposed.

C/S

 Assistant Executive Engineer (Ele.)
 CESC, O&M Sub-Division
 H D Kote

Submitted

 Junior Engineer (Ele.)
 CESC, O&M Section
 Hampapura
 H. D. K. O. Sub-Division