

Revised Estimate for Supply of material and Erection, testing and commissioning of new 11 kV lines, New DTs, LT lines for release of BPL beneficiary connections under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) on turnkey basis at the risk and cost of M/s Electromech Engineers, Faridabad in Palwal District funded by REC under the jurisdiction of DHBVN on turnkey basis against tender enquiry no TER-20/R-APDRP/2016.

Detail of Estimated Price (Palwal District)

| Sr No | Detail/Description | Unit | Total Material required for completion of the RGGVY Project of Palwal District | Material erected by M/s Electromech Engineers Faridabad under TED-152 | Material supplied by M/s Electromech Engineers Faridabad under TED-152 | Total Material required for completion of project as per Scope of present NIT | Unit Supply Rate (Including all Taxes, ED, CST, VAT, Levies, Freight, transportation & insurance etc.) (In Rs.) | Total Estimated Cost for Supply of material (Including all Taxes, ED, CST, VAT, Levies, Freight, transportation & insurance etc.) (In Rs.) | Unit Erection Charges (In Rs.) | Total Estimated Cost for Erection of material (In Rs.) |
|-------|--|------|--|---|--|---|---|--|--------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1 | PCC Poles 9.0 M Long. | No | 3848 | 195 | 195 | 3653 | 2415.00 | 8821995.00 | 315.00 | 1150695.00 |
| 2 | 11KV Top Brackets / hamper Wt. 1.480 Kg (Galvanised) | No | 902 | 0 | NIL | 902 | 101.38 | 91444.76 | 7.40 | 6674.80 |
| 3 | 11KV Pin Insulator | No | 5373 | 0 | NIL | 5373 | 37.95 | 203905.35 | 3.30 | 17730.90 |


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|----|--|----|-------|---|-----|-------|----------|------------|---------|-----------|
| 4 | 11KV GI Pins | No | 5373 | 0 | NIL | 5373 | 65.55 | 352200.15 | 5.70 | 30626.10 |
| 5 | 11KV Disc Insulator (45 kN T&C type) | No | 1358 | 0 | NIL | 1358 | 209.30 | 284229.40 | 18.20 | 24715.60 |
| 6 | 11 KV Disc Fitting (T & C Type) | No | 2259 | 0 | NIL | 2259 | 97.75 | 220817.25 | 8.50 | 19201.50 |
| 7 | ACSR 50 mm ² Conductor (Rabbit) | KM | 197 | 0 | NIL | 197 | 33490.30 | 6597589.10 | 2912.20 | 573703.40 |
| 8 | Stay Wire 7/ 8 SWG | Kg | 24190 | 0 | NIL | 24190 | 71.40 | 1727166.00 | 6.21 | 150219.90 |
| 9 | GSL No. 8 SWG | Kg | 13980 | 0 | NIL | 13980 | 67.39 | 942112.20 | 5.86 | 81922.80 |
| 10 | Barbed Wire | Kg | 1516 | 0 | NIL | 1516 | 57.50 | 87170.00 | 5.00 | 7580.00 |
| 11 | V-Shape cross arm 100X50X6 mm Wt. 12.135 kg (Galvanised) Drg. No. 2366 R1 (using steel of TATA/ SAIL make only) | No | 902 | 0 | NIL | 902 | 781.49 | 704903.98 | 56.80 | 51233.60 |
| 12 | Half Clamp Assembly Wt. 1.47 kg (Galvanised) HVPN Drg. No. 2380 | No | 5805 | 0 | NIL | 5805 | 101.27 | 587872.35 | 7.40 | 42957.00 |
| 13 | Full Clamp Assembly Wt. 2.325 kg (Galvanised) HVPN Drg. No. 2349 | No | 2033 | 0 | NIL | 2033 | 160.13 | 325544.29 | 11.70 | 23786.10 |

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|----|--|----|------|---|---|-----|------|---------|------------|-------|-----------|
| 14 | Eye Screw Bolt 9"X5/8" Wt. 0.483 kg (Galvanised) | No | 0 | 0 | 0 | NIL | 0 | 35.21 | 0.00 | 2.60 | 0.00 |
| 15 | Stay sets 8' long complete with X plat 460 mm2 of Angle 65x65x6 mm, Elbow & rod Wt. 13.80 Kg. (Galvanised) | No | 2419 | 0 | 0 | NIL | 2419 | 906.20 | 2192097.80 | 65.60 | 158686.40 |
| 16 | M.S. Channel 100x50x6 (2200 mm) Wt. 17.38 kg (Galvanised) (using steel of TATA/ SAIL make only) | No | 855 | 0 | 0 | NIL | 855 | 1119.27 | 956975.85 | 76.10 | 65065.50 |
| 17 | M.S. Channel 75x40x6 (2200 mm) For fuse unit. Wt. 12.54 kg for fuse unit (Galvanised) (using steel of TATA/ SAIL make only) | No | 228 | 0 | 0 | NIL | 228 | 822.00 | 187416.00 | 56.80 | 12950.40 |
| 18 | M.S. Angle iron 50x50x6. (2400 mm) for earth wire Wt. 10.80 Kg. (Galvanised) (using steel of TATA/ SAIL make only) | No | 533 | 0 | 0 | NIL | 533 | 707.94 | 377332.02 | 50.00 | 26650.00 |

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| 19 | 25 KVA, 11/0.433 kv 250 V three ph. Al. wound, BEE, 4 star rated oil immersed, naturally cooled conventional out-door type Distribution T/F as per Nigam Tech. Spec. and relevant ISS with latest amendments. | No | 275 | 0 | NIL | 275 | 53089.75 | 14599681.25 | 923.30 | 253907.50 |
| 20 | Transformer plate form set complete, WT.58.85kg DHBVN, Drg No. 103 (Galvanised) (using steel of TATA/ SAIL make only) | No | 275 | 0 | NIL | 275 | 3814.45 | 1048973.75 | 275.40 | 75735.00 |
| 21 | 11 KV 400 Amps. GO Switch complete with handle, pipe & Supporting Channel. As per Nigam's technical specification | No | 275 | 0 | NIL | 275 | 6900.00 | 1897500.00 | 600.00 | 165000.00 |
| 22 | GI Nuts & Bolts & Washer off sizes | Kg | 8927 | 0 | NIL | 8927 | 79.35 | 708357.45 | 5.30 | 47313.10 |
| 23 | Earthing Set complete with GI Pipe (40 mm dia,6 mtr. Long B | No | 1517 | 0 | NIL | 1517 | 1771.00 | 2686607.00 | 154.00 | 233618.00 |

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| 36 | <p>facility) suitable for 10 No. Consumers. (2mm CRCA sheet box, Bus bars for load as per 25 KVA DT/Fs only with holes for incoming cable and O/G cable with rubber glands.</p> | No | 9163 | 647 | 647 | 8516 | 2000.00 | 17032000.00 | 173.91 | 1481017.56 |
| | <p>BPL connection complete with all the required material for release of connection i.e. 1-Ph electronic energy meter (with GSM compatible RS-232 port without modem) as per Technical specifications, with sealable MCB (Meter Cover Box), wooden board, 1 no CFL 20 watts with holder and switch ISI mark), cutout 5-10 A, 2CX4 mm2 PVC Armoured cable (Average 30 mtr. for each connection), GSL 8 SWG, LT connector etc.</p> | | | | | | | | |  |

