

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 (RGVY) on turnkey basis at the risk and cost of M/s Electromech Engineers, Faridabad in Faridabad District funded by REC under the jurisdiction of DHBVN on turnkey basis against tender enquiry no TER-19/R-APDRP/2016.

Detail of Estimated Price (Faridabad District)

Sr No	Detail/Description	Unit	Total Material required for completion of the RGVY Project of Faridabad District	Material erected by M/s Electromech Engineers Faridabad under TED-151	Material supplied by M/s Electromech Engineers Faridabad under TED-151	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		3	4	5	6	7	8	9	10	11
1	PCC Poles 9.0 M Long.	No	827	384	NIL	443	2415.00	1069845.00	315.00	139545.00
2	11KV Top Brackets / hamper Wt. 1.480 Kg (Galvanised)	No	126	0	NIL	126	101.38	12773.88	7.40	932.40
3	11KV Pin Insulator	No	902	0	NIL	902	37.95	34230.90	3.30	2976.60

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4	11KV GI Pins	No	903	0	NIL	903	65.55	59191.65	5.70	5147.10
5	11KV Disc Insulator (45 kN T&C type)	No	725	0	NIL	725	209.30	151742.50	18.20	13195.00
6	11 KV Disc Fitting (T & C Type)	No	561	0	NIL	561	97.75	54837.75	8.50	4768.50
7	ACSR 50 mm ² Conductor (Rabbit)	KM	72.564	8.5	NIL	64.064	33490.30	2145522.58	2912.20	186567.18
8	Stay Wire 7/ 8 SWG	Kg	3794	0	NIL	3794	71.40	270891.60	6.21	23560.74
9	GSL No. 8 SWG	Kg	1795	0	NIL	1795	67.39	120965.05	5.86	10518.70
10	Barbed Wire	Kg	407	0	NIL	407	57.50	23402.50	5.00	2035.00
11	V-Shape cross arm 100X50X6 mm Wt. 12.135 kg (Galvanised) Drg. No. 2366 R1 (using steel of TATA/ SAIL make only)	No	135	0	NIL	135	781.49	105501.15	56.80	7668.00
12	Half Clamp Assembly Wt. 1.47 kg (Galvanised) HVPN Drg. No. 2380	No	1145	0	NIL	1145	101.27	115954.15	7.40	8473.00
13	Full Clamp Assembly Wt. 2.325 kg (Galvanised) HVPN Drg. No. 2349	No	704	0	NIL	704	160.13	112731.52	11.70	8236.80

2

14	Eye Screw Bolt 9"X5/8" Wt. 0.483 kg (Galvanised)	No	149	0	NIL	149	35.21	5246.29	2.60	387.40
15	Stay sets 8' long complete with X plat 460 mm2 of Angle 65x65x6 mm, Elbow & rod Wt. 13.80 Kg. (Galvanised)	No	393	0	NIL	393	906.20	356136.60	65.60	25780.80
16	M.S. Channel 100x50x6 (2200 mm) Wt. 17.38 kg (Galvanised) (using steel of TATA/ SAIL make only)	No	176	0	NIL	176	1119.27	196991.52	76.10	13393.60
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	177	0	NIL	177	822.00	145494.00	56.80	10053.60
18	M.S. Angle iron 50x50x6 (2400 mm) for earth wire Wt. 10.80 Kg. (Galvanised) (using steel of TATA/ SAIL make only)	No	216	0	NIL	216	707.94	152915.04	50.00	10800.00

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	97	0	NIL	97	53089.75	5149705.75	923.30	89560.10
20	Transformer plate form set complete, WT.58.85kg DHBVN, Drg No. 103 (Galvanised) (using steel of TATA/ SAIL make only)	No	97	0	NIL	97	3814.45	370001.65	275.40	26713.80
21	11 KV 400 Amps. GO Switch complete with handle, pipe & Supporting Channel. As per Nigam's technical specification	No	97	0	NIL	97	6900.00	669300.00	600.00	58200.00
22	GI Nuts & Bolts & Washer off sizes	Kg	1264	0	NIL	1264	79.35	100298.40	5.30	6699.20
23	Earthing Set complete with GI Pipe (40 mm dia, 6 mtr. Long B	No	341	0	NIL	341	1771.00	603911.00	154.00	52514.00

22

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	1494	375	NIL	1119	2000.00	2238000.00	173.91	194605.29
<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>										

