

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 Gurgaon District funded by REC under the jurisdiction of DHBVN on turnkey basis against tender enquiry no TER-18/R-APDRP/2016.

Detail of Estimated Price (Gurgaon District)

Sr No	Detail/Description	Unit	Total Material required for completion of the RGGVY Project of Gurgaon District	Material erected by M/s Electromech Engineers Faridabad under TED-150	Material supplied by M/s Electromech Engineers Faridabad under TED-150	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	808	16	NIL	792	2415.00	1912680.00	315.00	249480.00
2	11KV Top Brackets / hamper Wt. 1.480 Kg (Galvanised)	No	78	0	NIL	78	101.38	7907.64	7.40	577.20
3	11KV Pin Insulator	No	1774	0	NIL	1774	37.95	67323.30	3.30	5854.20

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4	11KV GI Pins	No	1774	0	NIL	1774	65.55	116285.70	5.70	10111.80
5	11KV Disc Insulator (45 kN T&C type)	No	456	0	NIL	456	209.30	95440.80	18.20	8299.20
6	11 KV Disc Fitting (T & C Type)	No	312	0	NIL	312	97.75	30498.00	8.50	2652.00
7	ACSR 50 mm ² Conductor (Rabbit)	KM	42.52	0	NIL	42.52	33490.30	1424007.56	2912.20	123826.74
8	Stay Wire 7/ 8 SWG	Kg	2300	0	NIL	2300	71.40	164220.00	6.21	14283.00
9	GSL No. 8 SWG	Kg	876	0	NIL	876	67.39	59033.64	5.86	5133.36
10	Barbed Wire	Kg	481	0	NIL	481	57.50	27657.50	5.00	2405.00
11	V-Shape cross arm 100X50X6 mm Wt. 12.135 kg (Galvanised) Drg. No. 2366 R1 (using steel of TATA/ SAIL make only)	No	73	0	NIL	73	781.49	57048.77	67.96	4961.08
12	Half Clamp Assembly Wt. 1.47 kg (Galvanised) HVPN Drg. No. 2380	No	1680	0	NIL	1680	101.27	170133.60	7.40	12432.00
13	Full Clamp Assembly Wt. 2.325 kg (Galvanised) HVPN Drg. No. 2349	No	2054	0	NIL	2054	160.13	328907.02	11.70	24031.80

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14	Eye Screw Bolt 9"X5/8" Wt. 0.483 kg (Galvanised)	No	78	0	NIL	78	35.21	2746.38	2.60	202.80
15	Stay sets 8' long complete with X plat 460 mm ² of Angle 65x65x6 mm, Elbow & rod Wt. 13.80 Kg. (Galvanised)	No	372	0	NIL	372	906.20	337106.40	65.60	24403.20
16	M.S. Channel 100x50x6 (2200 mm) Wt. 17.38 kg (Galvanised) (using steel of TATA/ SAIL make only)	No	276	0	NIL	276	1119.27	308918.52	97.33	26863.08
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	276	0	NIL	276	822.00	226872.00	71.48	19728.48
18	M.S. Angle iron 50x50x6 (2400 mm) for earth wire Wt. 10.80 Kg. (Galvanised) (using steel of TATA/ SAIL make only)	No	265	0	NIL	265	707.94	187604.10	61.56	16313.40

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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	105	0	NIL	105	53089.75	5574423.75	923.30	96946.50
20	Transformer plate form set complete, WT.58.85kg DHBVN, Drg No. 103 (Galvanised) (using steel of TATA/ SAIL make only)	No	105	0	NIL	105	3814.45	400517.25	275.40	28917.00
21	11 KV 400 Amps. GO Switch complete with handle, pipe & Supporting Channel. As per Nigam's technical specification	No	105	0	NIL	105	6900.00	724500.00	600.00	63000.00
22	GI Nuts & Bolts & Washer off sizes	Kg	3339.8	0	NIL	3339.8	79.35	265013.13	6.90	23044.62
23	Earthing Set complete with GI Pipe (40 mm dia, 6 mtr. Long B	No	478	0	NIL	478	1771.00	846538.00	154.00	73612.00

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	Class) with wire etc.																	
24	G.I. Strip 25x6 mm 9 mtr. For earthing Wt.10.80 Kg. (using steel of TATA/SAIL make only)	No	372	0	NIL	372	0	NIL	372	760.15	282775.80	66.10	24589.20					
25	11KV Lightning Arrester 9 KVA	No	315	0	NIL	315	0	NIL	315	483.00	152145.00	42.00	13230.00					
26	P.G. Clamps	No	268	0	NIL	268	0	NIL	268	46.00	12328.00	4.00	1072.00					
27	Egg Insulator	No	97	0	NIL	97	0	NIL	97	11.50	1115.50	1.00	97.00					
28	D-Strap	No	1056	0	NIL	1056	0	NIL	1056	75.90	80150.40	6.60	6969.60					
29	LT Insulator	No	1380	0	NIL	1380	0	NIL	1380	11.50	15870.00	1.00	1380.00					
30	LT Armored Cable 3.5/C 25mm2	K.M	21	0	NIL	21	0	NIL	21	117681.80	2471317.80	5116.60	107448.60					
31	LT Armored Cable 2/C 10mm2	Km	33	0	NIL	33	0	NIL	33	58606.30	1934007.90	2548.10	84087.30					
32	Danger Plate Enamalled with clamp	No	473	0	NIL	473	0	NIL	473	75.90	35900.70	6.60	3121.80					
33	Number Plate with clamp	No	556	0	NIL	556	0	NIL	556	75.90	42200.40	6.60	3669.60					
34	Phase Plate	Set	215	0	NIL	215	0	NIL	215	63.25	13598.75	5.50	1182.50					
35	L.T. Distribution box (sealable with lock	No	862	0	NIL	862	0	NIL	862	575.00	495650.00	50.00	43100.00					

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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	2882	0	NIL	2882	2000.00	5764000.00	173.91	501208.62
<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>										

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