

SECTION – VI: PRICE BID

NIT no. CMC/BY/26-27/RB/AS/JYS/31 Dated: 29.08.2026					
Scheme no.EC26SH4011: Shifting of 11 nos 33KV U/G feeders from old 33KV DTL Yard Rajghat to new 220/33KV GIS DTL Grid S/Stn Rajghat.					
Sr.No.	Description	UNIT	QTY	Rate (e/x GST)	Amount (e/x GST)
1	Surveying of cable Route, Detailed Site Plan & Profile using Ground penetration Radar System, Excavation of trial pits as per field requirement, preparation of route drawing with location of joint chambers position and finalizing the cable route in consultation with BSES Representative	KM	5		
2	Digging of cable trench as per specification and drawings. Rate is inclusive of digging and backfilling. Measurement shall be as per actual depth excavated . For Ordinary Soil.	CUM	1000		
3	Digging of cable trench as per specification and drawings. Rate is inclusive of digging and backfilling. Measurement shall be as per actual depth excavated . For Ordinary Bituminous/C.C.Road.	CUM	1000		
4	Digging of cable trench as per specification and drawings. Rate is inclusive of digging and backfilling. Measurement shall be as per actual depth excavated . For Dense Carpeted bituminous Road.	CUM	4000		
5	Digging of cable trench as per specification and drawings. Rate is inclusive of digging and backfilling. Measurement shall be as per actual depth excavated. For Semi Rocky Soil	CUM	1000		
6	Digging of cable trench with the help of tractor hammer cutting where digging through standard tools like pickaxe and spade is not possible. The work includes demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	CUM	3000		
7	Making the hole in RCC Wall with the help of tractor hammer cutting where digging through standard tools like pickaxe and spade is not possible.	SQM	40		

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8	Laying of under ground cable in trench ,covering with RCC cable cover,covering with sand ,Sand cushion will be min 75mm below and 75mm above the cable, fixing of cable identification tags (9" X 4") at every 30 Mtrs, Laying of warning tape above 250mm of the docket, refilling the trench and ramming the surface & removal of malba if any, including watch and ward till charging of cable (This activity includes only labour jobs) for 33 KV cable Running Mtr	M	7800		
9	Laying of GI/HDPE pipe for crossing small Nallas in the cable route or in the existing trenches	M	18600		
10	Crossing of roads by trench-less technology by laying of HDPE pipe excluding supply of pipe .Laying by HDD Machine Moling. Drilling and laying. 200mm dia.	M	6400.00		
11	Cable laying of 33KV,XLPE,stranded Aluminium 3CX400sq. mm Armoured,FRLS outer PVC sheath	M	24200		
12	Mounting of 33KV,3x400sq.mm.XLPE cable with cable end box on the steel structure and fixing it with suitable wooden cleats (wooden cleats shall be supplied by contractor) i/c.its jumpering with the isolator as required.	EA	22		
13	Identification of cable and Puncturing of the identified cable at the time of shut down(Shut down shall be arranged by BYPL). The work includes providing of skilled man who will identify the cable and will ensure to get it punctured at the time of shut down. Necessary T&P such as heater, Clip on meter and cable puncturing equipment etc shall be provided by the contractor -----33 KV cable	EA	22		
14	Phasing of cables before commissioning. The work includes disconnection/reconnection of cable for matching the phase sequence of cables including providing skilled workmen at both ends. For 66KV/33KV/11KV cables	EA	22		

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15	Providing testing instruments, vehicle and skilled manpower during inspection by the electrical inspector. The work includes operation of electrical equipments as per the requirements/satisfaction of electrical inspector for obtaining the EIC Certificate. For EHV Cables.	Per KM	6		
16	Charges for providing tent, lighting arrangement and labour for supporting the jointer for making the 11/33/66 kv St.through/end termination box	EA	210		
17	Charges for Hi pot test - Testing equipment to be provided by the contractor. For 33 KV cables	EA	22		
18	Removal of Malba including Loading / Unloading on own vehicle. The payment shall be restricted to the quantity of sand laid.	CUM	2800		
19	Digging of joint pit suitable for 33/66 KV cable joint box and covering the joint box with sand and providing protection as per BYPL/BRPL design. For Ordinary bituminous road	CUM	120		
20	Digging of joint pit suitable for 33/66 KV cable joint box and covering the joint box with sand and providing protection as per BYPL/BRPL design. For Dense carpeted bituminous road.	CUM	600		
21	Digging of joint pit suitable for 33/66 KV cable joint box and covering the joint box with sand and providing protection as per BYPL/BRPL design. For Semi Rocky Soil	CUM	120		
22	Supply and fixing of Cable Route/Joint Marker as per approved drawing.For 33/66 KV cables.	EA	80		
23	Digging of test pits of requiried size(not lessthan 1/2 Mtr. Wide at site for identification of cable route). Relevent volume shall be deducted from quantities of same item of cable digging for Ordinary Soil	EA	30		

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24	Digging of test pits of required size(not less than 1/2 Mtr. Wide at site for identification of cable route). Relevant volume shall be deducted from quantities of same item of cable digging For Dense carpeted bituminous road / CC Road	EA	40		
25	Digging of test pits of required size(not less than 1/2 Mtr. Wide at site for identification of cable route). Relevant volume shall be deducted from quantities of same item of cable digging For Hard Rocky Soil	EA	30		
26	Demolishing cement concrete including disposal of material outside the premises: PCC	CUM	20		
27	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of shuttering, centring, finishing and reinforcement-All work upto plinth level : 1:2:4 (1 cement : 2 coarse sand : 4 graded stone agg. 20mm nominal size.)	CUM	100		
28	Watch & Ward Charges.	DAY	360		
29	Transportation of electrical equipment i.e. CB, CT, PT, ISOLATORS, LA, CABLE DRUMS etc. from store/any site in Delhi to site of work in Delhi including loading and unloading at both ends by using T & P such as Tripod/cranes etc.(Considering max lead of 50KM)	TRP	120		
30	Transportation of electrical equipment from store/any site in Delhi to site of work in Delhi including loading and unloading at both ends manually.(Considering max lead of 50KM)	TRP	100		
31	Transportation of Empty cable drum from site to site or from site to store any where in Union territory of Delhi.	TRP	106		
32	Transportation of material by hand-cart	TRP	500		

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Sr.No.	Description	UNIT	QTY	Rate (e/x GST)	Amount (e/x GST)
33	Dismantling/ Reclaiming and de-termination of HV cables from dugged out trench and re-rolling the cable on the drum or in the shape of coil and transportation to store site/tent site --- 66 kV, 1CX1000/1CX630/ECX400, sqmm XLPE cable	M	500		
34	Charges for providing continous steel barricade 1.2 mtr high including cost of all material plant consumables transport and labour for shifting placing painting and regular maintenance.40% qty for selected portion	M	3000		
35	Painting of nomenclature of size(s) as reqd. on power transformer/Breakers/Capacitor bank/Battery Bank/CRP/Panels etc. including supply of paint ----- rates are per alphabet.	EA	2000		
36	Digging of earth pit upto depth of 10 ft. inrocky/ semi rocky as per feasibility at site of embedding 600 x600mm earth plate with M.S Flate 50 x8 mm running the same through 3/4 " dia G.I. grouting pipe. Earth Plate to be covered by charcoal 200kg. And 100 Kg. Sodium chloride in the earth pit and refilling etc. NOTE: Charcoal, commonsalt, earth plate, G.I. Pipe, MS flat, Badarpur, Cement and bricks to be supplied by the contractor	EA	88		
37	Making of civil goomitties around GI earthpipe as per standard design of BSES. Supply of necessary bricks, cement, badarpur, sand, C1 cover of size 1'x1' and providing the same at the top of goomitties.	EA	88		
38	Providing and Laying Sand cushioning for cable route as per BRPL/BYPL specification and drawing.	CUM	1800		
39	Fixing of GI/HDPE cleats on 33 kV 3Cx400 sq mm cable for cable mounting structures	EA	176.00		

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40	Laying of G.I strip from the main earth electrode upto the transformer body, neutral point, RMU, LT/HT Panel etc. including passing through suitable GI pipe clamping etc. wherever required and the proper end connections (supply of nuts, bolts, washers in the contractor scope) G.I strip of 50x6 sq.mm.	M	1000		
41	Supply and fixing of wire mesh fencing 2.5 mtr height with gate frame of 3 mtr x 2.5 mtr with complete material including painting eg angle,chain link,wire mesh and civil material etc complete as per specification & drawing of BSES.Angle iron size 50x50x6 mm & MS strip 50 x 3 mm,Wire mesh 1"x3" of 8 SWG wire to be used for wire-mesh with providing support at 1.25m distance.	SQM	300		
42	Grouting of cable mounting structure with cement concrete having ratio 1:3:6 including fixing with gantry structure. Badarpur, cement and stone ballast shall be supplied by contractor.Suitable for mounting 33/66 KV cable.	EA	22		
43	ETC of H Pole (Including pull out cable from cellar room, cutting the cable in proper manner and mounting of cable to H # Pole)	nos	11		
44	Providing Auto Cad cable route drawing after completion/commissioning of work. The cable laying drawing should mark the position(distance from nala/building/main carriage way of cable). The position of cable after each 100 mts of length and position of straight through/outdoor/Indoor joints to be marked. -----up to 1 Km for 66 KV cable/33 Kv cable /11 KV cable.	Route length upto 1 Km.	3		
45	Fabrication work using MS steel (for any type & as per drawing, specification provided by BSES) including all consumables i.e. welding rods, supplying and providing 2 coats of red oxide primer and one coat of aluminum paint, nuts, bolts and washers. All type frames,structure,clamps etc.Steel shall be provided by Contactor.	KG	20000		

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46	ETC of Line differential cum distance relay including integration with LIU and optical fiber cable	NOS	22		
47	Retrofitting in existing switchgear panel for installation of Line Differential cum distance relay	NOS	22		
48	Fixing of Aluminum Cable identification tags with Nylon string at every 30 Mtrs cable length	NOS	1600		
49	ETC of RFID based electronic buried type cable route marker	NOS	2250.00		
50	Application of fire retardant coating on 33 kV 3Cx400 sq mm cables	M	220.00		
51	12 mm cement plaster of mix 1:4 (1 cement : 4 fine sand) (13.1.1-AR192)	SQM	140.00		
52	15 mm cement plaster on rough side of single or half brick wall of mix 1:4 (1 cement : 4 fine sand) (13.2.1-AR193)	SQM	220.00		
53	Distempering with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including water thinnable priming coat to give an even shade. (13.40-AR209)	SQM	150.00		
54	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in cement mortar 1 : 6 (1 cement : 6 coarse sand) (6.1.2-AR57)	CUM	30.00		
55	Erection of MS as well as galvanised structure for different equipment like isolator, C.T.'s, P.T.'s, CVT, LA's , ISO etc, cable supporting structure, 33kV/66 kV GI gantry structure , Tower Structure i/c consumables , welding electrode ,tack welding & hacksaw blades etc.	MT	20.00		

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56	Fixing of danger plate on poles including fabrication of clamps etc	NOS	22.00		
57	Fixing of circuit Name plate including fabrication of clamps etc	NOS	22.00		
58	MARKER ACTIVE MARKER,TYPE:CABLE;DESIGNATION:66 AND 33 KV CABLE;COLOR:RED;SIZE:10 DIA X600 L ;MATERIAL:PLASTIC;SPECIAL FEATURES:ELECTRONIC BALL	NOS	2250.00		
59	Supply of RCC Cable protection cover as per BYPL/BRPL specification & drawing. (50 Thick 550 mm wide)	EA	13000		
60	Supply of warning tape per BSES Design specification (Width=150mm, Thickness=0.3u)	M	16500		
61	Supply of Galvanized Nut & Bolts	KG	1000		
62	Providing and Installation of Box for Line differential cum distance relay	NOS	22		
63	Supply of HDPE pipes as per IS 4984,PN 4 class PE 63 - 200mm dia	M	23200		
64	CONDUIT,METAL,RIGID,SIZE:200 MM;MATERIAL:GALVANISED IRON;LENGTH:6 M	M	1800		
Total Amount (e/x GST)					
GST@18%					
Total Amount (i/c GST)					

NOTE:

- Prices quoted above shall remain firm for entire duration of the contract from the date of award of contract.

- 2) The bidder shall quote the prices strictly in the above format / item description / content. The bid shall be liable for rejection, if contractor fail to do so. If at any stage, the content is found to be changed from the given price format, the content as per the given price format will prevail and binding on the contractor
- 3) The bidder needs to quote for all the line items as mentioned above; failing which the bids are liable for rejection.

*As per given in scope.