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Tender Inviting Authority: Superintending Engineer, EUDC-II, Ghazalabad (U.P)

Item Rate Book

Name of Work: विद्युत नगरीय बिजली सार्व-पब्लिक, गाजियाबाद के कार्यालय में विनिर्देश पत्रानुसार 2024-25 (फॉर्म-2) नमूने में 33 केवीसी लाइन का सुदृढीकरण एवं आवश्यक सामानों की आपूर्ति के कार्य हेतु।

Contract No: 9193320800

PRICE SCHEDULE FOR Short Terms E-TENDER NO-07/M/2025-26/EUDD-VI/EUDC-2/GZB

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only) GST EXTRA as applicable

Sl. No.	Item Description	Quantity	Unit	Quoted Currency	BASIC RATE in INR / Other Currency	ENTERED BY THE BIDDER	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	विद्युत नगरीय बिजली सार्व-पब्लिक, गाजियाबाद के कार्यालय में विनिर्देश पत्रानुसार 2024-25 (फॉर्म-2) नमूने में 33 केवीसी लाइन का सुदृढीकरण एवं आवश्यक सामानों की आपूर्ति के कार्य हेतु।	3	4	5	6	7	8	
1.00								
1.01	Carriage of Cable HT XLPE 11 kv 3x185 sqmm from Store center to work site loading and unloading both side.	710	Mtr.	INR			0.00	INR Zero Only
1.02	Carriage of Cable HT XLPE 33 kv 3x300 sqmm from Store center to work site loading and unloading both side.	700	Mtr.	INR			0.00	INR Zero Only
1.03	Carriage of ST Pole 13 Mtr from Store center to work site loading and unloading both side.	6	No.	INR			0.00	INR Zero Only
1.04	Carriage of PCC Pole 11 Mtr from Store center to work site loading and unloading both side.	2	No.	INR			0.00	INR Zero Only
1.05	Carriage of ACSR Dog Conductor from Store center to work site loading and unloading both side.	5000	Mtr.	INR			0.00	INR Zero Only
1.06	Carriage of 33 kv composite Polymeric Pin Insulator from Store center to work site loading and unloading both side.	24	No.	INR			0.00	INR Zero Only
1.07	Dismantling of ACSR Scrap and Safety carriage from work site to Store center/JE store loading and unloading both side.	1100	Mtr.	INR			0.00	INR Zero Only
1.08	Dismantling of Iron Scrap and Safety carriage from work site to Store center/JE store loading and unloading both side.	520	Kg.	INR			0.00	INR Zero Only
1.09	Erection of ST pole 13 Mtr long at site complete in all respect as per RESPO norms.	6	No.	INR			0.00	INR Zero Only
2.00	Erection of PCC pole 11 Mtr long at site complete in all respect as per RESPO norms.	2	No.	INR			0.00	INR Zero Only
2.01	Providing Concreting of Pole at various site complete in all respect as per RESPO norms.	8	No.	INR			0.00	INR Zero Only
2.02	Laying of HT XLPE 33 kv 3x300 sqmm Cable with Trenchless Method without HDPE pipe at site complete in all respect as per RESPO norms.	560	Mtr.	INR			0.00	INR Zero Only
2.03	Laying of HT XLPE 33 kv 3x300 sqmm Cable with Trenchless Method through providing HDPE pipe at site complete in all respect as per RESPO norms.	70	Mtr.	INR			0.00	INR Zero Only
2.04	Laying of HT XLPE 33 kv 3x300 sqmm Cable loop and riser at site complete in all respect as per RESPO norms.	70	Mtr.	INR			0.00	INR Zero Only
2.05	Laying, Lifting and sagging of ACSR Dog conductor at various site complete in all respect as per RESPO norms.	5000	Mtr.	INR			0.00	INR Zero Only
2.06	Laying of 11 kv XLPE 3x185 sqmm cable at site complete in all respect as per RESPO norms.	710	Mtr.	INR			0.00	INR Zero Only
2.07	Fixing of 33 kv composite Polymeric Pin Insulator at various site complete in all respect as per RESPO norms.	24	No.	INR			0.00	INR Zero Only
2.08	Construction of pith suitable for RMU at various site complete in all respect as per RESPO norms.	3	No.	INR			0.00	INR Zero Only

2.08	Supply & fixing of 12kv 630 Amps 21KA for 3 Sec. SF6, BIL 28 KV/75 KV peak, extendible, outdoor duty 3-way, fully motorised and manually operated Ring Mains Unit originally manufactured by OEM in its factory only, comprising of 02 load break switch and 01 vacuum circuit breaker consisting of copper busbar in SF6 insulated tank with a provision electromechanical interlock to avoid accidental closure of earthing switch even when cable is in live condition. RMU should be Type Tested for internal arc of 21 KA for 1 Sec with AFLR classification and gas to be from rear bottom of the switchgear away from the operator to ensure safety of the operating personnel. Suitable CI 200-50/1 A with microprocessor based numerical over current relay (IDMTL + Inst.) for Protection to be provided with VCB Feeder with right angle boot for termination Kits. All the necessary wirings and Dummy panel/space for FRRU to be given along with RMU for future compatibility with SCADA system (Supply of FRRU is not in scope). Battery, Charger etc. for Motorised Operation of RMU to be provided. The scope is including Plinth/ Angle Iron Stand as per OEM design complete in all respect as per the direction of Engineer incharge. Complete RMU and its accessories should be suitable for altitude of 100 mtrs above Sea Level. (Makes: ABB/Siemens/Eaton/Schneider or authorized by UPPCL), complete in all respect.	3	No.	INR			0.00	INR Zero Only
3.00	Providing of earth electrode Pipe in pipe type proper hot dip Galvanization dia 50 mm length 3 mtr - 32mm x 6mm terminal connection hole dia 8mm. The cavity between the pipe & Pipe is filled with conductive Mixture - for hermetically Filling inside the cavity i.e. between secondary conductor & Primary conductor, crystalline compound is to be injected in the electrode assembly. It is a combination of high conductivity metal alloys, copper & aluminum power, conductive carbon / cement and bonding material etc. The electrode should be sealed from both the ends. The outer pipe of the electrode should be galvanized the characteristics of this compound is highly conductive, nonmagnetic & noncorrosive in G.I. including providing of backfill compound. Each electrode should be supplied with bags of 25 kg x 2 btl compound (ground resistance enhancement powder 50 kgs each CPRI tested for RMUs installed.	6	No.	INR			0.00	INR Zero Only
3.01	Providing and fabricating the Fencing of RMU at site complete in all respect as per respo norms.	3	No.	INR			0.00	INR Zero Only
3.02	Providing & fixing of Cable Box O/D 11 KV 3x185 XLPE at site complete in all respect as per respo norms.	18	No.	INR			0.00	INR Zero Only
3.03	Providing & fixing of Cable Box O/D 33 KV 3x300 sqmm at site complete in all respect as per respo norms.	8	No.	INR			0.00	INR Zero Only
3.04	Providing & fixing of Holding Clamp with Bolt & Nuts at site complete in all respect as per respo norms.	46	No.	INR			0.00	INR Zero Only
3.05	Providing & fixing of Nut & Bolt at site complete in all respect as per respo norms.	15	Kg.	INR			0.00	INR Zero Only
3.06	Providing & fixing of MS Channel 100x50 mm at site complete in all respect as per respo norms.	225	Kg.	INR			0.00	INR Zero Only
3.07	Providing & fixing of 33 KV disc insulator at site complete in all respect as per respo norms.	18	No.	INR			0.00	INR Zero Only
3.08	Providing & fixing of Earth Rod at site complete in all respect as per respo norms.	8	No.	INR			0.00	INR Zero Only
3.09	Providing & fixing of 33 kv Cross Arm V Type at site complete in all respect as per respo norms.	6	No.	INR			0.00	INR Zero Only
4.00	Making of all HT/LT connections required to energize the line and restoring of electricly supply to consumer properly complete in all respect.	3	Job	INR			0.00	INR Zero Only
Total in Figures								
Quoted Rate in Words								