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## Item Rate BoQ

Tender Inviting Authority: Staff officer (E&amp;M), NK Area, CCL

Name of the Work / Contract No:	Repairing and rewinding of 10 MVA, 33kV/11kV-6.6kV Transformer, 3 Phase, Make Kirloskar, Sl. No. 82VG-002/1 with testing of Transformer from NABL accredited Laboratory under KDH Project, NK Area	NIT No. GM (NK)/EnM/eNIT/2024-25/199; dated 16.01.2025.			
	Category of Services (To Be Selected by Department)	Category of Bidder (To Be Selected by Bidder)			
ITC Available	Works Contract	Bidder's Status (Mandatory)	Total GST(in Rs.)	GST to be Paid By Bidder (in Rs.)	GST to be Paid By CIL/Subsidiary (in Rs.)
Name of the Bidder/ Bidding Firm / Company :		Select	0.00	0.00	0.00

## PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be updated 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 )

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	6	7	8
1	Cost of TPC copper wire for one limb Primary and Secondary Coil (Total weight of coil of all three limbs primary and secondary coil is 3970kg; Primary 2383 kg and Secondary 1588 kg). Weight of one limb of primary and secondary coil is 1323.	1323.00	kg		0.00	INR Zero Only
2	Insulation material for all three limb primary and secondary winding	1.00	job		0.00	INR Zero Only
3	Labour charge for all three limb primary and secondary winding including to and fro transportation	1.00	job		0.00	INR Zero Only
4	Replacement of complete gasket of conservator, Radiator, Top cover, inspection chamber, on load tap changer with cleaning of tanks etc.	1.00	job		0.00	INR Zero Only
5	Filtration of Transformer oil	6820.00	Ltr		0.00	INR Zero Only

6	Providing and fixing of Magnetic Oil Level Gauge Dial Size 150 mm Housing and Body pressure Die Cast with powder coated for Transformer conservator with air cell and magnetic coupling.	1.00	Nos		0.00	INR Zero Only
7	Providing and fixing of Oil surge relay for OLTC conservator	1.00	Nos		0.00	INR Zero Only
8	Providing and fixing of Buchholz Relay Aluminium Pressure Die cast with mercury switches for Alarm and trip, Powder coated, 75 mm dia	1.00	Nos		0.00	INR Zero Only
9	Providing and fixing of Winding temperature Indicator with Trip, Non Trip and Alarming system having Capillary Tube length 5 meter long and calibrated as per Neutral CT	1.00	Nos		0.00	INR Zero Only
10	Providing and fixing of Oil temperature Indicator with Trip, Non Trip and Alarming system having Capillary Tube length 5 Meter long.	1.00	Nos		0.00	INR Zero Only
11	Providing and fixing of Marshaling Box with Terminal Box with 16 pin connectors.	1.00	Nos		0.00	INR Zero Only
12	Repairing and overhauling of on-load Tap changer with required spare parts like rotary switch, tap position indicator, push button switches, LED indicating Lamp, Auxilliary contactor, limit switch, MCB (3 pole) etc, overhauling of its motor & connections.	1.00	job		0.00	INR Zero Only
13	Complete dismantling, cleaning and Painting of Transformer from inside and outside with its Radiator Fins, Conservator, OLTC, Marshaling Box with one coat primer and double coat color enamel paint and fitting of Transformer at site after repairing.	2057.70	Sqft		0.00	INR Zero Only
14	Testing of Transformer insulating oil from NABL Laboratory					
15	(A) Dielectric strength (BDV)	1.00	Nos		0.00	INR Zero Only
16	(B) Moisture (water content)	1.00	Nos		0.00	INR Zero Only
17	© Acidity (Neutralization value)	1.00	Nos		0.00	INR Zero Only
18	(d) Dielectric dissipation factor (Tan delta) @ 90 C	1.00	Nos		0.00	INR Zero Only
19	(e) Dissolved gas analysis	1.00	Nos		0.00	INR Zero Only
20	(f) Specific Resistance (Resistivity)	1.00	Nos		0.00	INR Zero Only

21	Complete testing of Transformer including Tan Delta and capacitance test of Transformer winding and bushing, winding resistance measurement, short circuit test, insulation resistance (IR) test, turn ratio test, magnetizing current measurement, magnetic balance test, Vector group test, Hi Pot Test from NABL accredited laboratory.	1.00	Nos		0.00	INR Zero Only
22	Less scrap value of Item No. 01	1.00	job		0.00	INR Zero Only
23	<b>Total impact of GST for the purpose of CTC</b>	1.000	Nos	0.00	0.00	INR Zero Only
<b>Total in Figures</b>					0.00	INR Zero Only
<b>Quoted Rate in Words</b>	<b>INR Zero Only</b>					