



BHARAT HEAVY ELECTRICALS LIMITED
RAMACHANDRAPURAM :: HYDERABAD-32
TOWNSHIP ADMINISTRATION

TENDER DOCUMENTS (PRICE BID)

Name of work : Repair & Rewinding of 2 nos. of 250 kVA, 11kV/433V Transformers.

Tender Notice : HY/TA/E/OT-05/2016-17, Dt. 22.11.2016

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1. Schedule - A : Schedule of rates and approximate quantities

NAME & ADDRESS OF TENDERER:

PHONE NO. : _____

E-mail : _____

SCHEDULE - 'A'

REPAIR & REWINDING OF 2 NOS. OF 250 KVA, 11KV/433V TRANSFORMERS.

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)
1	250 KVA, 11000 KV/433V Distribution Transformer unloading, Oil draining from tank, Removing HV & LV bushing connections, Opening the top cover, Removing Core Coil Assembly (CCA) from tank, Dismantling of HV & LV Coils, Un-winding of coils, Rewinding with new copper conductors, Re-assembly of coils, Lead connections with brazing the joints, Drying CCA in oven for 3 to 4 days till getting good IR values, Tank flush out with hot oil jet, Re-assembling the CCA in the tank and all other accessories, Filling new oil & filtration with high vacuum filter machine, cleaning & painting the transformer etc.; all complete as directed by Engineer-in-charge.	OneJob	2	76,400.00	1,52,800.00
2	Testing for the following parameters before and after rewinding of the transformer and submit test reports: a. Insulation Resistance b. Polarization Index c. Turns Ratio d. Magnetic Balance e. Winding Resistance f. Open Circuit Test g. Short Circuit Test	OneJob	2	9,600.00	19,200.00
3	Supply of Double Paper Covered Copper conductors for winding HV & LV Coils (Cost after retaining the salvage).	Kg.	460	240.00	1,10,400.00
4	Supply of new insulation like press boards, insulation crepe paper tapes, runners, 70C gaskets & oil seals complete for each transformer.	Nos.	2	15,400.00	30,800.00

Sl. No.	Nature of work	Unit	Qty.	Rate	Amount (₹)
(1)	(2)	(3)	(4)	(5)	(6)
5	To & fro transportation charges for the Transformer.	L.S.	1	2,000.00	2,000.00
6	Loading & unloading the transformer by engaging a crane; complete as directed by Engr.-in-charge.	L.S.	1	1,600.00	1,600.00
GRAND TOTAL		(Rupees three lakhs sixteen thousand & eighty hundred only)			₹ 3,16,800.00

Note:- The tenderers are required to quote their tender value on %age basis at excess / less / on par with estimated value.

Tender (%)	in figures	in words
Excess		
Less		
Estimate rate only		

Conditions :

1	A penalty of 0.5% of the gross value of work will be levied for every week's delay of work subject to a maximum penalty of 10% of the gross value of work.
2	The rate quoted by the contractor shall be inclusive of all taxes (except service tax) and duties levied by Central/State Govt. organizations as well as local authorities, as applicable from time to time.
3	Service tax will be extra if applicable for this contract. Service Tax if paid by the contractor with respect to this work will be reimbursed by BHEL on production of documentary evidence for having paid the service tax by the contractor.
4	Period of contract : two (2) months from the date of commencement Maintenance period : six (6) months from the date of completion.