

Bid Sheet for Loading , Unloading & Transportation of 1 x 5MVA. 132/33KV Power Transformer of Nangalbibra to Lumshnong and Dragging of the 5MVA 132/33KV Power Transformer of Lumshnong substation

SI No.	Item (Scope of Works)	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	i) Draining of oil in empty barrels (Empty barrels provided by MePTCL) & Dismantling of accessories like HV Bushing, LV Bushing, Radiator bank, conservator tank carefully and sealing with blanking plate (Dummy plate) of the above transformer at Nangal Bibra.	Per job	1		
	ii) Dragging of above transformer, transformer oil, dismantled accessories etc. From site to loading point. (Distance=50 meter).	Per MT/M	22.7 MT		
	iii) Loading of above transformer, transformer oil, dismantled accessories etc. Like bushing with packing & oil etc on tailor at Nangalbibra.	Per MT	22.7 MT		
	iv) Transportation of the above transformer with necessary accessories & oil from Nangal bibra site Tura to Lumshnong Jaintia Hills. (Distance= 420 kilometer)	Per MT/KM	22.7 MT		
	v) Unloading of above transformer, transformer oil, dismantled accessories like bushing & oil etc. from tailor Lumshnong Jaintia Hills.	Per MT	22.7 MT		
	vi) Dragging of above transformer, transformer oil, dismantled accessories from the unloading point to plinth. (Distance=30 meter approx)	Per MT/KM	22.7 MT		
	viii) Draining of oil in empty barrels (Empty barrels provided by MePTCL) & Dismantling of accessories like HV Bushing, LV Bushing, Radiator bank, conservator tank carefully and sealing with blanking plate (Dummy plate)of the Lumshnong transformer at Lumshnong Jaintia Hills.	Job	1		
	ix) Dragging of 5 MVA transformer of Lumshnong from the Transformer pad. (30meter).	Per MT/KM	22.7 MT		
2	Total=				
3	GST @ 18% on Total=				
4	Grand Total=				

Signature of the Bidder

Sl. No.	Item (Scope of works)	Unit	Qty	Rate (Rs)	Amount (Rs)
1	i) Unloading & loading of the transformer at workshop, Opening of top cover, cleaning and washing of core & winding assembly and all other active part by hot oil spray to remove sludge, carbon deposition and any other foreign particles deposited over it. Paper covering to main lead and taping lead as required including supply of consumable insulating paper.	Job	1		
2	ii) Supply/ preparation of all the oil sealing gaskets made from rubberized cork sheet conforming to grade of IS 4253(part-ii) for whole transformer.	Job	1		
3	iii) Drying of Active part: Drying of the core coil in electrical oven on site and heating the active part with tank in oven maintaining the 110 degC temperature till satisfactory IR value achieved for approx 15 to 20 days. After getting the satisfactory IR value vacuum-nitrogen dry process applied for fine drying 4 to 5 cycle. & including supply of nitrogen gas. (iv) Dismantling of OLTC, Overhauling of OLTC, changing of gasket, cleaning OLTC and refitting.	Job	1		
4	v) Degreasing and de-rusting all the external surface of tank and fittings. Applying one coat of metal primer at rusted spots. Applying two coats of synthetic enamel paint having ISI mark at site.	Job	1		
5	vi) The following preliminary test of transformer for checking of healthiness of its windings are to be carried out: a) Low Voltage Excitation Current Test. b) Short Circuit Current Test. c) Magnetic Balance Test. d) Winding Resistance Test. e) Voltage Ratio Test f) No load current	Job	1		
6	vii) Oil sample to be tested at CPRI(Guwahati) and the report to be submitted	Job	1		
7	viii) Installation, erection, filtration of oil, testing & ready for commissioning of transformer	Job	1		
	Total				
8	GST @ 18% of Total				
9	Grand Total				

Signature of the Bidder