

Price Schedule (BOQ)

(To be provided in separate envelope)

Name of the work: Transportation of the 40 MVA transformer from Barnagar GSS to Agia GSS with required dragging at Barnagar along with Erection, Testing and Commissioning of the 40 MVA transformer at Agia GSS.

Rates should be quoted exclusive of 18% GST

Sl No	Description	Unit	Qty	Rate	Amount
1	Dragging of 40MVA transformer from temporary pad to loading point. (55 Mtr x 68 MT) = 3740 MT/Mtr.	Per MT/Mtr.	3740		
2	Loading of Transformer in trailer at Barnagar GSS. (Wt.= 68 MT)	Per MT	68		
3	Transportation of transformer along with all accessories considering low bed triler from Barnagar to Agia via Jogighopa. Distance aprox= 95 KM.				
	a) 0 KM to 50 KM (68 MT)	Per KM/MT	50 x 68		
	b) 50 KM to 150 KM (68MT)	Per KM/MT	45 x 68		
4	Unloading of Transformer in trailer at Agia GSS. (Wt.= 68 MT)	Per MT	68		
5	Hiring of Hydra for lifting work at Railway crossing at Dewhati & Chalantapara.	Per hr	10		
6	Transportation of transformer Oil Drums from Sarusajai/Mirza to Agia GSS	Barrels	20		
7	Dismantling of LA structure, modification and refitting	Set	1		
8	Dismantling of Neutral CT of existing Transformer including structure.	No.	1		
9	Dismantling of existing 16 MVA transformer assessories (HV & LV Bushings, Radiators, Conservator tank, thermosyphone etc. and sealing with blanking plates of existing power Transformer and placed the accessories to store etc. including hiring of crane)	Job	1		
10	Dragging of existing 16 MVA Transformer to distance of 50 Mtr. From pad to storage area. (Total weight of 16 MVA transformer 47.5 MT with the weight of Oil 11.6 MT. Thus considered the weight of Transformer is 35.9 MT after transferring of oil to intermediate tank and dismantling of all accessories before dragging)	MT/Mtr.	1795		
11	Dragging of 40MVA Transformer to a distance of 15 Mtr from unloading point to pad (15 mtr x 68 MT) = 1020 MT/Mtr.	MT/Mtr.	1020		
12	Erection of all transformer accessories (HV & LV Bushings, Radiators, Conservator tank, thermosyphone etc. And sealing with blanking plates of existing power Transformer and placed the accessories to store etc. including hiring of crane)	Job	1		
13	Preparation of Temporary Shed	Job	1		
14	Nitrogen Cylinder for Transformer Drying	No.	6		

NIT NO. 2023/02

Page 12 of 16



Bidders Signature & Seal

15	Jute, Marking cloth, Lugs, Ferrule, CRC etc for Pre-commissioning testing.	Job	1		
16	Arrangement of oil intermediate tank, filter m/c, preparation of oil from drums etc. (Filter Machine to be provided departmentally)	Job	1		
17	Installation of Transformer Marshalling Box including civil foundation, cable termination of WCT, WTI, OTI, Buchholze, PVR, MOG, OSR, Cooling Gears, AC and DC Connection etc. complete in all respect.	Job	1		
18	Testing and commissioning	Job	1		
19	Skilled and unskilled labour required for complete commissioning of the job				
	(a) Skilled Labour	Man Days	15		
(b) Unskilled Labour	25				
20	Site preparation (preparing the site for dragging of 16MVA transformer storing on the temporary pad) including purchase of sleepers.	Job	1		
21	Engagement of semi skilled labour to help departmental employees to minimise shut down period	Man Days	20		
22	Supply, Replacement and Sealing of gaskets on the transformer using Silicon Sealant as directed by the Site In Charge				
	A. Gasket 6 mm (600 x 900 mm)	Pcs	2		
	B. Gasket 8 mm (600 x 900 mm)	Pcs	2		
	C. Gasket 10 mm (600 x 900 mm)	Pcs	2		
	D. Anabon Auto gasket Maker	No.	2		
	E. Gasket Shellac	No.	2		
	F. Duco thinner	Ltr.	1		
				Total	
				GST @ 18%	
				Grand Total = Rs.	



Bidders Signature & Seal