

BILL OF QUANTITIES**Name of Work: Overhauling and Servicing of 7.5MVA, 33/11KV Power Transformer No-3 at the 33KV sub-station in IITG Campus.****NIT No: IITG/IPM/NIT/R/2025-26/40, Dated: 21.07.2025**

SL NO	Description of Items	Unit	Qty	Rate in Figure	Rate in Word	Amount
1.0	<u>Overhauling of Main Tank:</u>					
1.1	<u>Labour charge for:</u> Draining of old oil in empty barrels, dismantling of HV/LV terminals, HV/LV bushings, Transformer Top Cover, Raditor bank, conservator tank, vent pipe, Drain valve, Filter valve, Vent Pipe, Bucholze Relay, PRV, Bushing cover, MOG, Oil Gauge etc. Again refitting the same with new gaskets seals properly. Fitting of Silicajel Breather. (Including Transportation charges of Oil Filter machine, Tools, All required materials & Man Power etc.)	Job	1			
1.2	Supply of Gaskets & concal washer & other required materials, i.e. HV/LV bushing & Studs, Oil Glass etc as required .etc	Job	1			
1.3	Filtration & Dehydration of Transformer Oil .	Ltr	6518			
1.4	Supply of Silica-Jel Breather with fresh Silica-jel .	No	1			
1.5	Supply & Delivery of fresh transformer oil of standard quality as per IS:335/83 (Including Transportation Cost)	Ltr	420			
2.0	<u>Overhauling of OLTC:</u>					
2.1	Draining of old oil in empty barrels, Dismantling of Top/Bottom cover OSR, PRV etc. Cleaning of insdie of OLTC by spraying hot oil, checking of all nuts/bolts of Fixed/Moving contact and properly tightened if required. Again refitting the top/bottom cove, etc.	1	1			
2.2	Supply of Gaskets as required.	1	1			
2.3	Supply of Silicajel Breather.	1	1			
3.0	Cleaning/de-rusting of Transformer Body, raditor bank, Explosion vent pipe, conservator tank, Marshelling Box etc. then painting with double coat of special Eddy grey paints (Including Supply of Paints.	1	1			
				Grand Total Amount =		
<i>(Rupees Only)</i>						

NOTE: Rates shall be inclusive of all taxes.**Date:****Seal & Signature of bidder**