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Help

Item Wise BoQ

Tender Inviting Authority: Superintending Engineer (MM1), PVVNL, Meerut

Name of Work: repair of damaged/burnt power transformer of assorted ratings 5 nos. 5 MVA , 8 nos. 8 MVA and 65 no. 10 MVA 37.5/11 KV or 33/11 KV

Tender Reference No : PVVNL-MT/MM/48(s)/22-23

Bidder
Name :

Sl. No.	Item Description	Unit	unit rate for transformer 5 (MVA)	unit rate for transformer 8 (MVA)	unit rate for transformer 10 (MVA)	Total Unit Price exclusive of GST (in Rs./Unit)	Total Unit Price exclusive of GST (In Words)
1	2	5	13	14	15	54	55
1	Preliminary inspection of transformers at PVVNL site/workshop involving minor repairs at site/workshop	per T/F				0.00	INR Zero Only
2	Preliminary inspection of transformers at PVVNL site/workshop for estimation involving major repairs unloading of transformers, at contractors work & repair of transformer cover, draining of oil, if any, de-tanking core and coil assembly, and replacement of damaged parts, minor repair of core and tank (if required) cleaning washing of dust & dirt etc. from all parts including core tank & cooling tubes of radiators removal of damaged parts, requiring replacement, fitting, fixing of new parts, making connection & assembly, complete in all respect, re-tanking after repairs, filling fresh transformer oil, making transformer ready for tests & testing for all tests as per clause 16.0 of Technical specification.	per T/F				0.00	INR Zero Only
3	HV leg coils complete with insulation, varnishing by vacuum impregnation (if required as per sample) and baking of coil assembly (variable base date 01.07.22)	per Kg				0.00	INR Zero Only
4	LV leg coils complete with insulation, vanishing by vacuum impregnation (if required as per sample) and baking of coil assembly (variable base date 01.07.22)	per Kg				0.00	INR Zero Only
5	HV bushing 33/37.5 KV	Each				0.00	INR Zero Only
6	LV Bushing 11 KV	Each				0.00	INR Zero Only
7	HV bushing metal parts	Each				0.00	INR Zero Only
8	LV bushing metal parts	Each				0.00	INR Zero Only
9	Set of gaskets (rubberized cork)	Each				0.00	INR Zero Only
10	Silicagel breather with fresh Silicagel	Each				0.00	INR Zero Only

11	Magnetic type oil level gauge with low level alarm contact	Each				0.00	INR Zero Only
12	Tapping switch 33/37.5 KV complete with handle	Each				0.00	INR Zero Only
13	Tapping switch handle	Each				0.00	INR Zero Only
14	Oil drain valve incorporating sampling device (with narrow orifice) & having suitable arrangement for locking	Each				0.00	INR Zero Only
15	Filter valve	Each				0.00	INR Zero Only
16	Dial type thermometer of minimum 150 mm dia with maximum temperature indicator complete with resetting device and alarm contacts	Each				0.00	INR Zero Only
17	Double float Bucholz relay complete with alarm and trip contacts	Each				0.00	INR Zero Only
18	Air release plug	Each				0.00	INR Zero Only
19	Replacement of damaged core	per kg				0.00	INR Zero Only
20	Pair of arcing horns	per pair				0.00	INR Zero Only
21	Radiator valve	per unit				0.00	INR Zero Only
22	Replacement of un repairable radiator of equivalent size with equal fins.	Per Sq. Mtr.				0.00	INR Zero Only
23	Overhauling of OLTC	LS				0.00	INR Zero Only
24	Replacement of OLTC contact	LS				0.00	INR Zero Only

25	Replacement of OLTC terminal barrier board	LS				0.00	INR Zero Only
26	Replacement of gaskets, lubrication of mechanical system	LS				0.00	INR Zero Only
27	M. S. Clamping ring	per T/f				0.00	INR Zero Only
28	Winding temperature indicator (complete set)	per T/f				0.00	INR Zero Only
29	Fresh transformer oil of standard quality as per IS:335/83 and latest amendment thereof.(variable base date 01.07.22)	per Ltr.				0.00	INR Zero Only
30	Sundry item viz cover bolt, plug, caps, screw, washers, insulation material, minor repairs of tank, other parts required if any, Aluminium Name Plate etc.	per T/f				0.00	INR Zero Only
31	Painting inside & outside of transformer including radiator tubes conservator with suitable primer and two coats of suitable paint of grey colour and marking etc.	per T/f				0.00	INR Zero Only
32	Burnt/damaged leg coils to be retained by the contractor (variable base date 01.07.22)	per kg.				0.00	INR Zero Only
33	Damaged metal parts of bushing to be retained by contractor	per kg.				0.00	INR Zero Only
34	Transportation/Carriage charges	per nos.				0.00	INR Zero Only
35	Upto 10 kms.	1 nos				0.00	INR Zero Only
36	Above 10 kms. To 25 kms.	1 nos				0.00	INR Zero Only
37	Above 25 kms. To 50 kms.	1 nos				0.00	INR Zero Only
38	Above 50 km. To 100 kms.	1 nos				0.00	INR Zero Only
39	Above 100 kms. To 150 kms.	1 nos				0.00	INR Zero Only
40	Above 150 kms. To 200 kms.	1 nos				0.00	INR Zero Only
41	Above 200 kms. But upto 300 kms.	1 nos				0.00	INR Zero Only
Total in Figures						0.00	
Quoted Rate in Words		Zero Only					