

SOCIETY FOR ELECTRONIC TRANSACTIONS AND SECURITY [SETS]



Strategy and Synergy for Security

(Registered under The Societies Registration Act XXI of 1860 Registration No. S.42605 of 2002)

(Under O/o the Principal Scientific Adviser to the Government of India)

Operational Headquarters

MGR Knowledge City, CIT Campus, Taramani, Chennai – 600 113. Tamilnadu India

Phone: 044 – 66632506, Fax: 044 – 66632501 website: www.setsindia.in

Dr. P. NAGESWARA RAO

Officer (A&SP)

27th July 2022

To

Dear Sir,

Sub Quotation for filtration of Transformer Oil for 800 KVA Transformer number 1 with allied works - reg

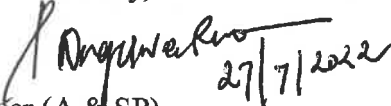
It is proposed to carry out Filtration of Transformer Oil for 800 KVA Transformer number 1 with allied works at our substation.

The work has to be carry out as per Standard Engineering Practice.

Before submitting the quotation, you are requested to inspect the site on any working day. You are requested to submit your sealed quotation for the above works in the prescribed format on or before 15:00 hrs on 10.08.2022

The Executive Director reserves the right to reject any or all quotations or to allot parts of the work to different agencies without assigning any reason there for. The detailed description of work with terms and conditions is enclosed herewith.

Yours faithfully,


27/7/2022
Officer (A & SP)

Strategy and Synergy for Security

Registered Office:

C/o. Electronics Corporation of India Limited, North Zone, B-7, LSC, 'A' Block, Naraina, Ring Road, New Delhi – 110028.

Delhi Office:

Room No. 418, TIFAC, Wing-A, Vishwakarma Bhavan, Shaheed Jeet Singh Marg, New Delhi – 110 016 Ph: 011 26510491.

Name of Work:-Filtration of Transformer oil for 800 KVA Transformer number 1 & 2 with allied works at SETS CAMPUS-Reg.,

Schedule of Quantity

SL.NO	Description of work	Qty	Unit	RATE (RS)	AMOUNT
1.	Filtration of Transformer oil for 2 no's 800 KV / 433 V, 3 Phase distribution transformer each 900 Ltrs capacity with neat workmanship up to the required insulation value (40-60 kv / min) and as directed by engineer in charge.	1800 LTRS	LT		
2.	BDV and Acidity test (2 X 1 times) FOR 2 No's of Transformers	2 NOS	NO		
3.	Topping up of Transformer oil as directed.	400 L	LT		
4.	Testing of earth electrode and supply and fixing of new SS bolt and nuts with anti-corrosive materials, painting on the top of concrete slat with black paint and lettering should be done with white paint.	30 NOS	NO		
5.	Testing and calibration comprising of following protective relays.				
a.	Earth fault relay (inverse) Type CDG	6 NOS	NO		
b.	Instantaneous Earth fault Relay Type	3 NOS	NO		
c.	Over current Relay (inverse) Type CDG	8 NOS	NO		
d.	Over current Relay (inverse) Type MCDG	6 NOS	NO		
e.	Earth Fault relay (inverse) Type MCDG	3 NOS	NO		
f.	Tripping Relay Type MVAJ	3 NOS	NO		
g.	Instantaneous under voltage Relay Type MVAGM	1 NOS	NO		
h.	Auxiliary Relay Type MVAA	4 NOS	NO		
i.	Bucholz relay	2 NOS	NO		
j.	Tr.Temp. Relay	4 NOS	NO		
6.	Checking, cleaning, servicing and tightening of all bolt and nuts in various lighting and power panels provided for the electrical distribution system.				
a.	MV panel Board	1 SETS	SET		
b.	Indoor HT Breaker	1 SETS	SET		
c.	Outdoor HT Breaker	2 SETS	SET		
7.	Primary injection test for HT side	4 NOS	NO		
8.	Supply and fixing of 25 KVAR,3 Pole Contactor (Make:-L&T) suitable for 25 KVAR capacitor(415 V/ 50HZ for Capacitor Panel 1 & 2	4 NOS	NO		
9.	Supply and fixing of 50 KVAR,3 Pole Contactor (Make:-L&T) suitable for 25 KVAR capacitor(415 V/ 50HZ for Capacitor Panel -2	02 NOS			
10.	Capacitor panel – 1 & 2 control 240 v A/C LED panel indicator Light / replacement work:- 1. Red colour LED lights 2. Green colour LED lights.	16 NOS 16 NOS	No No		
11.	Supply and Fixing of 11 KV, H.T. RMG Panel Front Glass (Partly) with changing Rubber Gasket for outdoor and indoor Panel Board.	01 SETS	SET		
12.	Transformer 1 & 2 all gasket replacement	02 SETS	SET		

	and leak repair work (overall gasket)				
13.	Transformer 1 & 2 Breather Silica gel (Blue) 2 Kg should be replace	02 SETS	NO		
14.	Supply and Fixing 25 KVAR Capacitor, 415 V.50 HZ., (For Capacitor Panel 1 & 2	04 NOS	No		
15.	H.T. Panel 11KV VCB breaker, (Make:- Anand) AVT type, 3.15 A PT fuses.	03 NOS	NO		
16.	Supply and Fixing of 3 phase digital voltmeter(Make:- L&T,Range 0- 500 V) as suitable in the existing panel board 440 V / 500 V A.C. as follows:-				
	Location:-				
a.	At M.V. Panel board room (Sub- station)	02 SETS	SET		
b.	At Green Zone, Ground Floor, Electrical Room	01 SETS	SET		
c.	At Red zone, Ground Floor, Electrical Room	01 SETS	SET		
d.	At Green zone, Ground Floor, UPS room.	02 SETS	SET		
e.	At Red Zone, Ground Floor, Electrical Room	02 SETS	SET		
f.	At Red Zone, Ground Floor, MSB Power Panel	02 SETS	SET		
17.	Supply and Fixing of 3 phase digital Ammeter (Make:- L&T, Range 0 – 600 A) as suitable in the existing panel board 440 V /600A A.C. as follows:-				
	Location:-				
a.	At M.V. Panel board room (Sub- station)	02 SETS	SET		
b.	At Green Zone, Ground Floor, Electrical Room	01 SETS	SET		
c.	At Red zone, Ground Floor, Electrical Room	01 SETS	SET		
d.	At Green zone, Ground Floor, UPS room.	02 SETS	SET		
	At Red Zone, Ground Floor, Electrical Room	02 SETS	SET		
f.	At Red Zone, Ground Floor, MSB Power Panel	02 SETS	SET		
	Amount				
	SGST				
	CGST				
	Grand Total				

Signature of the contactor with seal

SPECIAL CONDITIONS

1. The firm / contractor is a "A" grade contractor and possess experience in similar work and shall carry out the work accordingly to the SETS.
2. The firm / contractor holds "A" grade contractor certificate and valid licence copy of the same are attached.
3. The firm / contractor have carried out similar work in many private company / firm, C.P.W.D., P.W.D., or govt., undertaking society and corporation and etc., The photo copy of details of similar works done to various firms are attached.
4. The firm / contractor shall take all safety precautions and indemnify SETS against all losses claims for injuries or damages to any person's property including third party risks whatsoever.
5. The firm / contractors personnel engaged on work shall abide by all security measures imposed by the SETS from time to time.
6. No advance payment shall be insisted and shall be willing to accept the payment after successful completion of the work against actual measurements.
7. The work shall be carried out as per the rules of Chief Electrical Inspector to Govt., or Central Electricity Authority, New Delhi, as well as Indian Electricity rule 1956 & CPWD general specification of Electrical work as applicable.
8. The work shall be completed within 10 days from the date of work order.

Signature of the Firm /
Contractor with seal & date