

Ref. No. IIMT/2020-21/QUO/Pur./EO/Trans/T&S/21

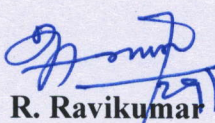
October 29, 2020

Sub: Quotation for Transformer Testing & Service – Reg

Dear Sir / Madam,

You are requested to quote your lowest rate for Transformer and Panel testing and servicing works as per the specifications, scope of works and terms & conditions given below:

S.NO	Particulars	Qty	Rate	Amount in INR
1	Servicing Air Circuit Breaker, 800Amps - H.T./ L.T Panel (Detailed scope of works are provided in the succeeding pages).	13 Nos.		
2	Servicing Vacuum Circuit Breaker, 630A H.T./ L.T Panel. Make: Crompton Greeves (Detailed scope of works are provided in the succeeding pages).	24 Nos.		
3	Servicing of 1600 K.V.A H. T / L.T -Oil transformer Filtration, Filtered oil O.L.T.C Servicing, Relays, Gasket, Others (Detailed scope of work is as given below)	02 Nos.		
4	Servicing of 500 K.V.A/11KV/415V H.T / L.T Dry Type Transformers. (Detailed scope of works are provided in the succeeding pages).	05 Nos.		
5	Servicing of 315 K.V.A/11 KV /415 V H.T / L.T Dry Type Transformers. (Detailed scope of works are provided in the succeeding pages).	01 No.		
Total Amount Excluding GST				
GST @ _____%				
Total Amount Including GST				


R. Ravikumar

Administrative Officer (A, S&P)

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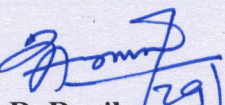
Scope of Work:

ACB Panel service & testing (Quantity: 13 Nos.)

1. Checking and Cleaning of insulators, partitions, shrouds & panel interior.
2. Check & lubrication of wheel as well as moving part of breaker truck.
3. Check tripping coil & closing coil.
4. Tightening of control wiring at terminals.
5. Check manual spring charger.
6. Check control fuses
7. Check earthing connection.
8. Check IR values of breaker.
9. Check trip unit

11 KV VCB Panel service & testing (Quantity: 24 Nos.)

1. Checking and Cleaning of insulators, partitions, shrouds & panel interior.
2. Check lubrication of drive mechanism as per manual.
3. Checking of wheel as well as moving part of breaker truck.
4. Checking of shutter mechanism & door hinges and locks.
5. Check whether the door, breaker truck & earth truck functional.
6. Check adjust alignment for smooth movement of CB truck
7. Tightening of moving power contact.
8. Tightening of bolts in drive mechanism
9. Check tripping coil & closing coil.
10. Tightening of control wiring at terminals.
11. Check control plug
12. Check manual spring charger
13. Check Draw-out-male-female isolating power contact and if required apply grease.
14. Check contact erosion
15. Check healthiness of space heater & thermostat
16. Check control fuses
17. Check earthing connection.
18. Check IR values of breaker.
19. Check millivolt test across switching contacts.
20. Check closing & opening coil.


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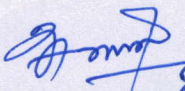
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Oil Type transformer servicing & testing :1600KVA/11KV/433V (Quantity: 02 Nos.)

1. Check insulation resistance test
2. Check winding resistance test.
3. Check ratio test
4. Check magnetic balance
5. Check magnetic current
6. Check vector group test
7. Check windings, oil temperature, Bucholz relay and master trip circuit.
8. Oil filtration work which including refilling of oil upto 5to 10 liters
9. BDV test before and after filtration
10. Check acidity test
11. Gasket to be replaced

Dry Type transformer servicing & testing :500KVA/11KV/433V (Quantity: 05 Nos.) and 315 KVA/11KV/415 V CSS (Quantity: 01 Number)

1. Check insulation resistance test
2. Check winding resistance test.
3. Check ratio test
4. Check magnetic balance
5. Check magnetic current
6. Check vector group test
7. Check vector ventilation fan
8. Check vector tightness at control terminals.
9. Check winding protection relay setting in HT & LT
10. Check tap changer in various taps
11. Check windings, oil temperature, Bucholz relay and master trip circuit.


29/10/2020

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भारतीय प्रबंध संस्थान तिरुचिरापल्ली

Indian Institute of Management Tiruchirappalli

(An Institute of National Importance, Ministry of HRD, Government of India)

तिरुचिरापल्ली - 620 024, तमिल नाडू, भारत

Tiruchirappalli - 620 024, Tamil Nadu, India

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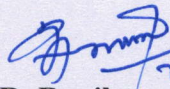
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Terms & conditions:

1. The above cost should be inclusive of all (Supply, Testing, Service, Freight Charges and GST). GST should be quoted separately.
2. The rate should be quoted inclusive of following spares:
 - a) Hardware's like circlip, locking and packing washers, sized bolts and nuts.
 - b) Lubrication - grease and white petroleum jelly.
 - c) Various types of lugs, sleeves and cable tie.
3. If any spares/parts other than the above items that would be required to be replaced during test/service, such requirements should first be informed to the Institute and the same will be provided by the Institute. The vendor/contractor should complete the work including the change of spares/parts without any additional charges.
4. **Work to be done at:**

Indian Institute of Management Tiruchirappalli, Trichy- Pudukkottai High way,
Chinna Suriyur, Tiruchirappalli – 620 024.

Email: purchase@iimtrichy.ac.in | Phone: 0431 – 250 5121/22
5. If you have any technical queries, please e-mail: estatemaintenance@iimtrichy.ac.in /
Phone: 0431 – 250 5048/5156.
6. Tax will be deducted as per rule in force.
7. Any legal disputes that may arise shall be subject to the jurisdiction of Madurai Bench of Madras High Court.
8. GST Number of IIM Tiruchirappalli is **33AAAAI5004R1ZO**.
9. Work to be completed within 25 days from the date of issue of work order.
10. Payment: 25 days from the date of submission of Invoice / Bill after completion of works.
11. The vendor should be a GST registered vendor and GST Number should be mentioned in the quotation.
12. The Contractor should have a valid **Electrical A grade license** and the same should be attached along with quotation.
13. The above said A Grade License should have been awarded by "A" grade Electrical Contractor/ Licenser.
14. The vendor should have the similar work experience and the experience certificate needs to be attached along with the quotation.


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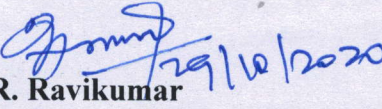
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15. The bidders are requested to visit the site before submission of quotation in working days during office hours (From 9.30 AM to 5.00 PM) to enable the bidders to make themselves fully acquainted with the nature and scope of the work.
16. Quotation should be submitted in the sealed cover super scribing **“Quotation for Transformer & Panel Testing & Service”** addressed to, “The Chief Administrative Officer (i/c), IIM Tiruchirappalli, Trichy Pudukkottai Highway, Chinna Suriyur, Trichy – 620 024 to reach us on or before **3.00 PM, 20th November 2020.**


R. Ravikumar
Administrative Officer (A, S&P)