

**नव मंगलूरु पत्तन प्राधिकरण**  
**NEW MANGALORE PORT AUTHORITY**  
**यांत्रिक अभियंता विभाग Mechanical Engineering Department**  
**इलेक्ट्रिकल इंजिनियरिंग डिविजन / Electrical Engineering Division**  
**पणंबूर मंगलूरु / Panambur, Mangaluru – 575 010**  
**Phone: 0824 – 2887746/2887739**  
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**GST - 29AAALN0057A2ZG**

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No. 6/Tr.Oiltesting/EE(E)II/2023

Date:31.07.2023

To,

Website

Sir,

**Sub :** NMPA – EE(E)II – Transformer Oil Testing & Analysis – Quotation requested – Reg.

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Quotations with Seal and Signature on each pages in sealed covers superscribed as Quotation for “Transformer Oil Testing & Analysis” are invited as detailed in the Schedule of Work, Annexure and in accordance with the Terms and Conditions of Contract as detailed below. Quotations may please be sent by post/courier duly addressed to Executive Engineer (Ele-II), Electrical division, Admin Building, NMPA Panambur, Mangaluru – 575010, so as to reach not later than **3.00PM on 16.08.2023**. Quotations will be opened on the same day at 3.30 PM in the presence of the offered who wish to be present.

**SCHEDULE OF WORK:**

S.No	Description	Qty	Rate/ Unit (Rs)	Rate in words	Total Amount (Rs)
	TRANSFORMER OIL TESTING. Particulars of tests to be carried out & reports to be submitted on oil samples. <ul style="list-style-type: none"> <li>a) Interfacial tension.</li> <li>b) Neutralization value (total acidity) in accordance with IS 1448 P:2</li> <li>c) Sediment or perceptible sludge in accordance as per 1886-2000</li> <li>d) Dielectric Strength (BDV)</li> <li>e) Flash point.</li> <li>f) Dielectric dissipation factor.</li> <li>g) Moisture content.</li> <li>h) Resistivity (sp.resistance)</li> <li>i) Dissolved gas analysis.</li> </ul>	28 Nos			
Applicable GST in %.					

**Terms & Conditions of the Contract:**

1. The time allowed for completion of work is **45 days** from the day of issue of the Work Order.
2. The Testing Laboratory should be approved by National Accreditation Board for Testing & Calibration Laboratories (NABL). The copy of the same shall be enclosed with the offer, without which the offer is liable for rejection.
3. The evaluation shall be done on the basis of total lowest value (L1) quoted. The GST element if any will not be considered for evaluation. Applicable GST will be paid extra. Tenderer should submit copy of GST registration certificate along with the tender.
4. Please note that no advance payment will be made. Full payment will be made within 15 days after satisfactory completion of the subject work along with Test reports & invoice to the entire satisfaction of the Engineer-in-Charge. Report to be submitted Sub-division wise as per Annexure.
5. Income Tax at the applicable rates will be recovered from the gross amount of the firm's bill as per the relevant provisions of the Acts.
6. The Tenderers should quote their Rates in figures as well as in words. The amount per each item should be worked out and requisite total should be

given. All rates shall be quoted in proper form as per the Tender. The Rates quoted should be valid for **90 days**.

7. The Tenderer **may visit the work site** and get acquainted himself with the site conditions, nature of work involved before quoting, taking prior appointment with the undersigned. Any assistance in this regard will be provided by the Department.
8. The materials to be used for the work should conform to the specifications and standards of IS. All materials to be used should be got approved by the Engineer-in-Charge in the first instance and the work shall be carried out conforming to Indian Electricity Rules.
9. The oil sample required for testing & analysis is to be collected from the site at NMPA. No tools, plant, labour, equipment, transport etc., required for the work will be supplied by the Department and the Contractor has to make his own arrangements.
10. Port entry passes to the Contractor, his workmen and vehicle during the period of work will be issued to carry out the work as per rules on chargeable basis.
11. The Tenderer shall be responsible for making good of all the damages done during the work and has to employ skilled & competent workers for carrying out the work.
12. The Tenderer shall be responsible for taking precautionary measures for the safety of the workmen working under him and the responsibility arising due to any mishap during the execution of work, payment of any compensation etc., lies entirely on the part of the Contractor. Safety Items required while working are to be provided by the Contractor. Applicable ESI to the employees of Contractor should be paid by the Contractor.
13. The Tenderer has to submit an undertaking before the commencement of work as follows:
  - i) We shall ensure that our workforce will be provided with and use all the necessary safety gears and equipments required for the job.
  - ii) We shall follow all the required safety procedure while executing the job.
  - iii) We indemnify the Port for any accidents / incidents while carrying out the contract.
  - iv) We have read and fully understood the enclosed Standard Operating Procedures (SOP) and shall strictly follow the same while executing the job.

14. The acceptance of the Tender rests with the competent authority of NMPA who does not bind himself to accept the lowest Tender and reserves to himself the authority to reject any or all the Tenders received without assigning any reason.

Yours faithfully,

-Sd/-  
Executive Engineer (Ele)II  
NMPA, Panambur.

**ANNEXURE**

Details of Transformers installed at NMPA Ele. Sub Dvn. – I to V are as under.

	<b>200KVA 11KV/440V</b>	<b>500KVA 11KV/440V</b>	<b>1000KVA 11KV/3.3KV</b>	<b>3000KVA 33/11KV</b>	<b>3MVA OLTC</b>
S.D.I	1 No.	1 No.	--	--	--
S.D.II	2 No.	6 No.	--	2 No.	2 No.
S.D.III	6 No.	2 No.	--	--	--
S.D.IV&V	--	4 No.	2 No.	--	--
<b>Total</b>	<b>9 No.</b>	<b>13 No.</b>	<b>2No.</b>	<b>2No.</b>	<b>2No.</b>

-Sd/-  
Executive Engineer (Ele).