



NLC TAMILNADU POWER LIMITED
 [A JV between NLC India Ltd(formerly Neyveli Lignite Corporation Ltd) &TANGEDCO and subsidiary of NLC India Ltd]
Contracts & Purchase Division
Office of Chief Executive Officer
2x500 MW Thermal Power Plant,
Harbour Estate,Tuticorin-628004. Tamilnadu, India.

Phone: 0461-2352844, 2352840
Fax: 0461-2352480
Email:ceo.ntpl@nlcindia.com, candp.ntpl@nlcindia.com

CIN:
U40102TN2005GOI058050
GST NO.:
33AACCN3238N1ZD

Due Date of receipt of Quotation on or before : 23/11/2018 15:00:00 hrs. IST (Check NTPL eproc website for any change in due date of opening.)
Note : Quotation should be valid for 60 days from the date of opening.

Gentlemen,
 We shall be glad to receive your lowest online offer submitted through <http://eproc.ntplpower.com> for the material mentioned below, subject to our terms and conditions. Any other mode of offer will be rejected. Please indicate the enquiry number in all future correspondence. Offer details of the participating bidders will be available online after the tender is opened.

क्र.सं. SI No.	विवरण Details	माप की इकाई UOM	मात्रा Quantity																										
1	<p align="center">विनिर्देश Specification</p> <p>31 031 0135 : Transformer Oil online Moisture tester with standard measuring accessories as per technical factor.</p> <table border="1"> <thead> <tr> <th>क्र.सं. SI No.</th> <th>तकनीकी कारक Technical Factor(s)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Make is M/s VAISALA. Model: MM70 Hand-Held Moisture and Temperature Meter for spot-Checking of Transformer Oil.</td> </tr> <tr> <td>2</td> <td>Required Measurement range: aw 0 to 1.</td> </tr> <tr> <td>3</td> <td>Accuracy (including nonlinearity, hysteresis and repeatability) When calibrated against salt solutions (ASTM E104-85): 0 ... 0.9 plus or minus 0.02 0.9 ... 1.0 plus or minus 0.03</td> </tr> <tr> <td>4</td> <td>Temperature Measurement range -40 ... +100 Deg C (-40 ... +212 Deg Deg F), Typical accuracy at +20 Deg C plus or minus 0.2 Deg C (plus or minus 0.36 Deg F)</td> </tr> <tr> <td>5</td> <td>Response time (90%) at +20 Deg C (+68 Deg F) in still oil (with stainless steel filter) 10 min.</td> </tr> <tr> <td>6</td> <td>Numerical and Graphical Display is required multilingual, menu-based user interface and a backlit LCD display. The measurement parameters can be numerically and graphically displayed and logged into the meter's memory at the same time. An analog output option is required.</td> </tr> <tr> <td>7</td> <td>The probe is suitable to insert directly into the process pipe through a ball valve without draining the oil in the system.</td> </tr> <tr> <td>8</td> <td>PROBE: Probe Operating temperature range for electronics -40 ... +60 Deg C (-40 ... +140 Deg F) Operating pressure range max. 20 bar during installation through ball valve max. 10 bar Oil flow range max. 1 m/s,</td> </tr> <tr> <td>9</td> <td>Indicator: Operating temperature range -10 ... +40 Deg C (+14 ... +104Deg F) Operating humidity range non-condensing</td> </tr> <tr> <td>10</td> <td>OUTPUT: Analog output 0 ... 1 VDC, Output resolution 0.6 mV, PC interface MI70 Link software with USB or serial port cable Data logging capacity 2700 points.</td> </tr> <tr> <td>11</td> <td>The following accessoriessupply along with MM70 i) The MM70 Consist of Probe/sensor unit MMP78 ii) M170 measurement indicator ii) Power supply: AC adaptor with Rechargeable NiMH battery pack.</td> </tr> <tr> <td>12</td> <td>Electromagnetic compatibility: Complies with EMC standard EN61326-1.</td> </tr> </tbody> </table>	क्र.सं. SI No.	तकनीकी कारक Technical Factor(s)	1	Make is M/s VAISALA. Model: MM70 Hand-Held Moisture and Temperature Meter for spot-Checking of Transformer Oil.	2	Required Measurement range: aw 0 to 1.	3	Accuracy (including nonlinearity, hysteresis and repeatability) When calibrated against salt solutions (ASTM E104-85): 0 ... 0.9 plus or minus 0.02 0.9 ... 1.0 plus or minus 0.03	4	Temperature Measurement range -40 ... +100 Deg C (-40 ... +212 Deg Deg F), Typical accuracy at +20 Deg C plus or minus 0.2 Deg C (plus or minus 0.36 Deg F)	5	Response time (90%) at +20 Deg C (+68 Deg F) in still oil (with stainless steel filter) 10 min.	6	Numerical and Graphical Display is required multilingual, menu-based user interface and a backlit LCD display. The measurement parameters can be numerically and graphically displayed and logged into the meter's memory at the same time. An analog output option is required.	7	The probe is suitable to insert directly into the process pipe through a ball valve without draining the oil in the system.	8	PROBE: Probe Operating temperature range for electronics -40 ... +60 Deg C (-40 ... +140 Deg F) Operating pressure range max. 20 bar during installation through ball valve max. 10 bar Oil flow range max. 1 m/s,	9	Indicator: Operating temperature range -10 ... +40 Deg C (+14 ... +104Deg F) Operating humidity range non-condensing	10	OUTPUT: Analog output 0 ... 1 VDC, Output resolution 0.6 mV, PC interface MI70 Link software with USB or serial port cable Data logging capacity 2700 points.	11	The following accessoriessupply along with MM70 i) The MM70 Consist of Probe/sensor unit MMP78 ii) M170 measurement indicator ii) Power supply: AC adaptor with Rechargeable NiMH battery pack.	12	Electromagnetic compatibility: Complies with EMC standard EN61326-1.	Number	1.0000
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एनटीपीएल स्टोर्स टुटिकोरिन में आपके प्रस्ताव को दरवाजा डिलीवरी आधार पर होना चाहिए।
YOUR OFFER SHOULD BE ON DOOR DELIVERY BASIS AT NTPL STORES TUTICORIN
 निरीक्षण बंध /Inspection Clause : Inspection at Tuticorin
 गारंटी की आवश्यकताएँ /Guarantee Requirement : General Guarantee for Warranty as per NTPL format Warranty Period: 12 months from the date of commissioning or 18 months from the date of receipt of material, whichever is earlier.

संलग्नक Terms and Conditions of Enquiry
 Attachments :



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GST NO.:
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क्र.सं. Sl No.	विवरण Details	माप की इकाई UOM	मात्रा Quantity									
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मुख्य कार्यकारी अधिकारी के लिए - एनटीपीएल

For Chief Executive Officer- NTPL