



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
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CIN:
U40102TN2005GOI058050
GST NO.:
33AACCN3238N1ZD

निविदा जाँच सं: /TENDER ENQUIRY NO :ENQ/NTPL/21-22/110010/CandP01(01) दिनांक/DATE :03/05/2021 पृष्ठ /Page - 1

Due Date of Cover-I Opening : 20/05/2021 15:00:00 hrs. IST (Check NTPL eproc website for any change in due date of opening.)
Note : Quotation should be valid for 120 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																				
	Note: The firms who are having local content above 20% alone are eligible to bid as per Enquiry Terms & Conditions																						
1	<p align="center">विनिर्देश Specification</p> <p>630010013 : Mobile Transformer oil storage tank Horizontal type capacity of 20 KL,with Centrifugal Oil Pump with inlet & outlet valves,and as per technical specification</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>Mobile Transformer oil storage tank- Horizontal type of capacity 20KL with Centrifugal Oil Pump with inlet & outlet valves, and as per technical specification</td> </tr> <tr> <td>2</td> <td>Type: Transformer Oil storage tank - Mobile type with horizontally mounted oil tank on 8 pneumatic tyre trolley. The tank shall be of cylindrical shape & mounted horizontally.</td> </tr> <tr> <td>3</td> <td>Standard: The oil storage tank shall be designed and fabricated as per relevant standard IS 10987/BS2594.</td> </tr> <tr> <td>4</td> <td>Material Construction : 1) Shell Thickness: 6/8mm MS Steel as per IS 2062 2) Dished End Thickness: 10 mm MS Steel as per IS 2062.</td> </tr> <tr> <td>5</td> <td>Dimensions: The whole dimension of the mobile oil storage tank shall be such that it can be moved in a 4-Meter-wide road. Kindly mention the dimension details: L*B*H in mm.</td> </tr> <tr> <td>6</td> <td>Tank:Tank shall be manufactured by using suitable size of steel plates covered under IS: 2062 with latest amendments.</td> </tr> <tr> <td>7</td> <td>Structural sections: The dimension of steel material used for structural section shall conform to IS:808 with latest amendments.</td> </tr> <tr> <td>8</td> <td>Saddles : Shall be provided so that it can be kept on Jack while completely filled with oil. The tank shall be provided with suitable saddles so that tank can be rested on ground after removing the pneumatic tyres.</td> </tr> <tr> <td>9</td> <td>Accessories : The tank shall be fitted with manhole, outside & inside access ladder, Silica gel breather assembly, inlet & outlet valve, oil sampling valve with suitable adapter, Oil draining valve, air vent, Temperature indicator, Oil level indicator from 0 to 20000 Litres scale etc. Pulling hook on both ends of the tank shall be provided for pulling of tank either end while completely filled with oil. Oil level indicator shall be provided with units in litres so that any time operator can have an idea of oil inside the tank. Suitable float switch with alarm & Hooter arrangement shall be provided to prevent overflow in the tank.</td> </tr> </tbody> </table>	क्र.सं. SI No.	तकनीकी कारक Technical Factor(s)	1	Mobile Transformer oil storage tank- Horizontal type of capacity 20KL with Centrifugal Oil Pump with inlet & outlet valves, and as per technical specification	2	Type: Transformer Oil storage tank - Mobile type with horizontally mounted oil tank on 8 pneumatic tyre trolley. The tank shall be of cylindrical shape & mounted horizontally.	3	Standard: The oil storage tank shall be designed and fabricated as per relevant standard IS 10987/BS2594.	4	Material Construction : 1) Shell Thickness: 6/8mm MS Steel as per IS 2062 2) Dished End Thickness: 10 mm MS Steel as per IS 2062.	5	Dimensions: The whole dimension of the mobile oil storage tank shall be such that it can be moved in a 4-Meter-wide road. Kindly mention the dimension details: L*B*H in mm.	6	Tank:Tank shall be manufactured by using suitable size of steel plates covered under IS: 2062 with latest amendments.	7	Structural sections: The dimension of steel material used for structural section shall conform to IS:808 with latest amendments.	8	Saddles : Shall be provided so that it can be kept on Jack while completely filled with oil. The tank shall be provided with suitable saddles so that tank can be rested on ground after removing the pneumatic tyres.	9	Accessories : The tank shall be fitted with manhole, outside & inside access ladder, Silica gel breather assembly, inlet & outlet valve, oil sampling valve with suitable adapter, Oil draining valve, air vent, Temperature indicator, Oil level indicator from 0 to 20000 Litres scale etc. Pulling hook on both ends of the tank shall be provided for pulling of tank either end while completely filled with oil. Oil level indicator shall be provided with units in litres so that any time operator can have an idea of oil inside the tank. Suitable float switch with alarm & Hooter arrangement shall be provided to prevent overflow in the tank.	Number	1.0000
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एनटीपीएल स्टोर्स ट्यूटोरिन 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 : NTPL Inspection Clause as per Annexure
 गारंटी की आवश्यकताएँ /Guarantee Requirement : General Guarantee for Warranty, Bank Guarantee for Faithful Performace 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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क्र.सं. Sl No.	विवरण Details	माप की इकाई UOM	मात्रा Quantity
10	CARRIAGE: - The oil storage tank shall be mobile, mounted on an under carriage with tubeless or tube tyres/puncture proof wheels. Towing arrangement shall be provided. The electrical panels shall be enclosed and protected against climatic conditions. The screw jacks for reliving load on wheels at stationary conditions shall be provided. Lifting hooks / arrangements for plant shall be provided to facilitate easy loading / unloading of plant.		
11	ACCESSORIES TO BE SUPPLIED ALONG WITH EQUIPMENT AT FREE OF COST : The following shall form part of supply along with Oil Storage tank. a. Four Nos. of 50 NB suitable Nitrile rubber hoses for transformer oil application up to temperature of 100 deg C , full vacuum and pressure up to 2.5 kg/cm2 with suitable couplers and union each of 10 meters long shall be provided. b. Two numbers of 100 NB suitable hose for full vacuum without collapsing and kinking , with couplers and unions each of 10 meters long shall also be provided. c. 1- No of Air pump - foot operated(100 Psi) shall be supplied with suitable hose and pressure indicator for filling air in pneumatic tyres.		
12	Painting: All structures, Tanks, Ladder, handrails, etc shall be thoroughly cleaned and free from rust/scale surface. The minimum total thickness of outside painting of tank shall not less than 150 microns. There shall be three layers of coat i.e Primer coat, Under coat and Finish Coat. The final coat shall be of Aliphatic Polyurethane paint. The internal & external surfaces shall be painted after sand blasted or shot blasted to remove all rust and scale of foreign adhering matter or grease. All steel surfaces in contact with insulating oil shall be painted with two coats of heat and oil resistant anti-corrosive paint. The internal surface of the tank shall be painted with Hot oil resistant, Non corrosive type paint suitable to withstand 100 Deg C Temperature. All paint should be carefully selected to withstand heat & extremes of weather. The paint should not scale off or crinkle or be removed by abrasion due to normal handling.		
13	The tank shall contain a self-mounted centrifugal oil pump with inlet and outlet valves, with couplers suitable for nitrile rubber hoses as mentioned and necessary switchgear for its control. The outlet system shall be provided with a centrifugal / mono block pump of minimum capacity 6000 Litres per hour. The discharge head of the outlet pump shall not be less than 10 metres. The pump motor and the control cabinet shall be enclosed in cubicle with IP55 enclosure. The drive shall be of DOL type with Class-F insulation motors conforming to IS: 325. The make of the drives shall be Crompton / Kirloskar / Siemens / ABB / Alstom / Schneider only. The panel shall be suitable for 415V, 3 phase, 4 wire, 50 Hz AC supply. All the control gear, Mains isolating arrangement, starters, contactors, pilot lamp, push buttons, relays, indicating lamps shall be housed in a compact control panel and shall be made of FRP sheets. Indicating meters shall be provided to measure all the three phases current and voltage. Main isolating switch shall be of SWITCH Fuse type. The supply ON / OFF indication shall be provided with indicating lamps. All Switchgear shall be of ABB / BCH / Siemens / L&T / Schneider Electric / GE Power only.		
14	Required Pressure Test, NDT and Hydraulic test shall be conducted as per standards to check any distortion, noise and Leak etc.		
15	INSPECTION: - The firm has to intimate the readiness of the Transformer Oil storage tank 30 Days in advance, prior to the supply of material to NTPL to facilitate departmental inspection at manufacturing site/Lab. However, NTPL reserves the right to waive the inspection if required. QAP for testing shall be submitted to NTPL.		
16	Manufacturer test certificate for leak proof is to be furnished. The test certificates of main brought out items are to be furnished. The MS Steel test certificate conforming to IS 2062 is to be furnished. Material compliance certificate shall be submitted.		
17	Drawings: The general arrangement drawing for the entire tank and Electrical wiring drawings for the control cabinet shall be submitted during enquiry for approval of NTPL Executives.		
वितरण अनुसूची Delivery Schedule			
	Delivery Type	Period From PO Date (Days)	Quantity
	Bulk delivery at NTPL stores, Tuticorin	0 to 120	1.0000
परीक्षण प्रमाणपत्र Test Certificate			
Routine test certificate as per relevant standard in triplicate shall be submitted along with the material. Material compliance certificate shall be submitted.			

मुख्य कार्यकारी अधिकारी के लिए - एनटीपीएल

For Chief Executive Officer- NTPL



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REVERSE AUCTION IS NOT APPLICABLE.

BIDDERS ARE ADVISED TO QUOTE THE MOST COMPETITIVE PRICE IN THE INITIAL BID AS WELL AS IN THE REVERSE AUCTION (RA), WHEREVER APPLICABLE, SINCE THERE WILL NOT BE POST TENDERING NEGOTIATIONS WITH THE L1 BIDDER UNDER ANY CIRCUMSTANCES.

Terms and Conditions offered by the bidder in the Techno Commercial bid alone will be considered for evaluation. Bidder's own Terms and Conditions indicated elsewhere will be ignored