



## TAMILNADU POLLUTION CONTROL BOARD

From, Er N. Sundara Gopal, M.E, Member Secretary Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-32.	To  Published in TNPCB website
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**Letter No: TNPCBd/Labs/ Pur-II/2378-3/2014 date 21.06.2017**

Sub: TNPC Board - Labs -Purchase of 1 No of COD digester to  
DEL. Perundurai – Limited tender called for- Regarding

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Please furnish your sealed (**to be sealed with sealing wax**) and signed Tender for the supply of 1 No of **COD digester** to TNPC Board Labs as per the specification enclosed in the Annexure on or before **18. 07.2017** addressed to the Deputy Director (Labs) Water Tamil Nadu Pollution Control Board. If the rates quoted are for indigenous item it should be in Rupees and indicating Sales Tax, Packing, Forwarding and Delivering Charges. If the rates quoted are for the imported items the price should be quoted in foreign currency including freight, forwarding charges, insurance excluding customs duty. The Board is eligible for concessional customs duty. The Warranty period, offered by you and the delivery period required by you to supply the stores should be clearly mentioned in the Tender with the following specification. The actual manufacturers or their authorized agent and stockiest having at least three years experience in these products should only quote. In case of dealers, authorization letter for dealership from the original manufacturer should be enclosed.

The sealed cover, super scribed as "**Tender for the supply of COD digester**" our reference number and due date of tender, should be sent to the following address:-

**THE DEPUTY DIRECTOR (LABS) Water  
TAMIL NADU POLLUTION CONTROL  
BOARD (ANNEXE),  
76, MOUNT SALAI,  
GUINDY,  
CHENNAI – 600 032.**

Tender received after the due date will not be considered.



## TAMILNADU POLLUTION CONTROL BOARD

If the tender is accepted supply order will be issued to successful bidder under the following terms and conditions stipulated below:-

01.	EMD	:	Rs 2000/- (Rupees Two Thousand Only) by the Name of Demand Draft in favor of TNPCB, Chennai
	Payment	:	30 days from the date of effecting full supply
02.	Penalty	:	10% p.a. on the value of goods for every day of delay beyond the time schedule of delivery till the date of completion of supply.
03.	Agreement	:	An agreement has to be concluded with the Tamil Nadu Pollution Control Board in a non-judicial stamp paper to the value of Rs.20/- at your cost within 15 days from the date of the order.
04.	Security Deposit	:	Demand Draft for 5% of the value of the order placed by the Board may be drawn in favor of Tamil Nadu Pollution Control Board, Chennai, from any one of the Nationalised Bank payable at Chennai towards Security Deposit and sent to this office within 7 days from the date of receipt of the order or before effecting the supply, whichever is earlier. This shall be refunded after Two years from the date the relevant supply and installation of the instrument.
05	Delivery Period required	:	21 days from the date of receipt of the supply order.
06.	Place of Delivery	:	DEL, Perundurai
07.	Buy back	:	Under buy back scheme of any make of obsolete COD digester
08	warranty	:	Comprehensives warranty of minimum 2 years

  
For Member Secretary  


**TAMIL NADU POLLUTION CONTROL BOARD**  
**TECHNICAL SPECIFICATION OF AUTOMATIC COD DIGESTOR SYSTEM**  
**(WATER CONDENSORS)**

1.	Reaction Vessel Capacity	Micro (100ml.vol.)	
2.	No. of Samples		
3.	Heating Block	Aluminum Solid Metal Block	
4.	Heater Source	Casted Aluminum Alloy Heater	
5.	Heater Power	1500 watts	
6.	Reaction Vessel	Borosilicate Vessel 100ml capacity	
7.	Water Condensers	Reflux Condensers with ball joint	
8.	Temperature Range	40 to 450 °C (COD operating temperature: 250°C)	
9.	Temperature Controller	PID temperature Controller with Auto Tuning Facility	
10.	Temperature Accuracy	± 1°C of set temperature	
11.	Temperature Indication	Digital Display	
12.	Temperature Setting	Feather Touch Membrane Keys	
13.	Insulation	Ceramic wool	
14.	COD Insert Rack	SS Insert Rack Stand for holding reaction vessels.	
15.	COD Condenser Rack	SS Condenser rack for water condensers	
16.	Support Rack	To place Insert rack with reaction vessel after digestion	
17.	Safety Features	Auto over temperature protection/Auto Error Indication/Sensor break Protection	
18.	Timer	Up to 99.59 Hrs with digital display with cut off facility	
19.	Water tank	PRP water tank with provision of tap water circulation connectivity to cool 12 Nos. of vessels during addition of reagents.	
20.	Electrical Requirement	230V, 50Hz, AC Mains	

*R. Srinivasan*  
Deputy Director(Labs) W

*22/6/17*