

**Pondicherry University**  
**Centre for Pollution Control & Environmental Engineering**

*Quotation Notice No CPEE/R-8(b), R-15/2013 dated 30.09.2013*

Sealed quotations are invited for the purchase of the items given in the attached list for this centre, so as to reach the undersigned on or before 10.10.2013, 3 PM

**This notification is subject to the following terms and conditions:**

- a) Your tenders must be sealed ones and **our reference and due date must be mentioned on the covers**. Quotations without full specifications WILL BE CONSIDERED INVALID.
- b) Prices quoted by you should clearly indicate all the taxes/duties applicable. For any item that qualifies for DGS&D rates or any other duty concessions applicable to governmental organizations or educational institutions, this fact must be indicated prominently and such concessional rates must be quoted along with the normal ones.
- c) Make sure that dates, rates etc are correctly put. Avoid overwriting. If in a rare case you have to make a correction, please do initial it (the initial must be by the same person who signs the tender response).
- d) Your responses must reach us by the due time. Please therefore ensure that you send them well in advance by speed post or reliable courier. Alternatively they should be delivered in person. **Late tenders shall not be accepted under any circumstances.**
- e) The university rules do not permit advance payment. But as soon as items are received in satisfactory condition, your bills will be passed.
- f) Price validity: The base price quoted by you should be valid against any upward revision for at least 90 days from the date of your quotation.
- g) For any clarification please contact undersigned on e-mail <Prof.S.A.Abbasi@gmail.com>.

Puducherry  
Date: 30.09.2013

**Prof S. A. Abbasi, Head**  
Center for Pollution Control and Environmental Engineering  
Pondicherry University  
Kalapet, Pondicherry 605 014

**List of items appended with quotation notice CPEE/R-8(b),R-15/2013**

	<b>Items with specifications</b>
1.	<p><b>Heat Flux sensors with data acquisition kit</b>                      Heat flux – upto 100 kw/m<sup>2</sup>                      Temperature upto – 800° c                      Accuracy – ± 2 % for 0 – 100 kw/m<sup>2</sup>                      Response time &lt; 0.5 sec                      Mountable on cylindrical or any curved surface</p>
2.	<p><b>Thermocouple wire</b>                      K type (24 gauge)                      Ceramic fiber insulated                      Can measure temperature upto – 1200° C</p>
3.	<p><b>Data acquisition module for the thermocouples which can record temperature from up to 8 thermocouples</b>                      Measures from -270 to 1820°C (-454 to 3308°F)                      Accepts thermocouple Types J, K, T, E, R, S, B and N                      Automatic cold junction compensation                      High Accuracy and Resolution                      Multiple units can be run on a single PC                      Minimum 10 readings per second per thermocouple                      Windows software included: TC-08 recorder and TC-08 player                      USB Interface</p>
4.	<p><b>Water pump</b>                      At least 3 HP rated, self-priming, portable electric pump having a maximum operating head of 15 m and minimum discharge of 1000 L/min. Pump inlet and outlet diameters should be not more than 2 inches in diameter. Weight should be not more than 30 kg. Should have oil alert and flow control. Should have at least 6 month warranty.</p>
5.	<p><b>Sewage/slurry pump</b>                      1 HP pump of size 1.5" x 1.5"</p>
6.	<p><b>Battery for Lenovo Y550 laptop</b>                      6 cell Li-ion, min 11. V, 56 Wh, 4.8 Ah battery for Lenovo ideapad Y550 41862EQ laptop</p>
7.	<p><b>Spherical flask heating mantle</b>                      Spherical flask heating mantle, with fabric interior, capable of holding a 500 mL round bottom flask. Interior diameter is about 10 cm and depth about 6 cm. Should be able to withstand 400°C internal operating temperature.</p>
8.	<p>Aluminum Mesh (6mm hole size)</p>
9.	<p>Plastic trays (45*25*15cm, Volume 17 lit)</p>