

## Market survey

-Avviso ai sensi dell'art. 216 comma 9 D.Lgs. 50/2016 under italian law-

**OBJECT: Commitment of n. 1 oxygen depletion cone calorimeter for performing forced combustion tests according to ISO 5660 and ASTM E1354 standards.**

The Politecnico di Torino DEPARTMENT of APPLIED SCIENCE AND TECHNOLOGY lets be known that it wants to commission "n. 1 oxygen depletion cone calorimeter for performing forced combustion tests according to ISO 5660 and ASTM E1354 standards".

In order to contact as many as possible the interested suppliers and to obtain several quotes from them, it publishes this communication.

Information of this communication have only an approximate value and do not represent an obligation for Politecnico di Torino regarding interested suppliers, that cannot demand anything to Politecnico di Torino, with regard to this communication.

### 1. Description service

Purchase of one Oxygen consumption cone calorimeter having at least the following features:	
Feature	Description
Cone calorimeter	<p>Oxygen consumption cone calorimeter for performing forced combustion tests according to the Standards ISO 5660 and ASTM E1354 is requested.</p> <p>The apparatus:</p> <ul style="list-style-type: none"><li>- should provide a radiant heat flux within 0 and 100 kW/m<sup>2</sup>;</li><li>- should carry out tests on samples placed both in horizontal and vertical position</li><li>- should be equipped with O<sub>2</sub> analyzer (concentrations within 0 e 25%), CO analyzer (concentrations within 0 and 1%) e CO<sub>2</sub> analyzer (concentrations within 0 and 10%)</li><li>- should be equipped with 1 touchscreen display and 1-unit keyboard with touchpad</li><li>- should be equipped with specific software for acquiring and elaborating the conocalorimetric data</li><li>- should be equipped with a laser system for measuring the quantity and opacity of the smokes evolving during the tests.</li></ul>

### 2. Maximum costs

*EURO 132.000,00 VAT not included.*

The offer include:

- Oxygen depletion cone calorimeter,- shipping,- installation, - travel, - hotel and subsistence costs for Engineer, - packed ex-works, - CPT charges (Road Freight to Alessandria, 15121, Italy) - Warranty: 12 Months

### 3. Minimum requirements of economic/financial and technical/professional capabilities

*The interested supplier must possess:*

- requirements of Article. 80 of D. Lgs. no. 50/2016, implementing art. 57 EU directive 24/2014
- **suitability to pursue the professional activity;** *Contracting authorities may require economic operators to be enrolled in one of the professional or trade registers kept in their Member State of establishment, described in Annex XI directive 24/2014*
- requirements detailed in the art. 80 D.lgs. 50/2016.

### 4. Due date

Within the day January 8, 2017, the suppliers with the above mentioned requirements interested to participate to the further negotiation for the equipment below would reply to this market survey sending a communication by email:

- Email Address: [procurement.tecnici@polito.it](mailto:procurement.tecnici@polito.it)
- OBJECT: the same subject of this advice
- Text of the communication:

*I undersigned \_\_\_\_\_, Fiscal code \_\_\_\_\_, on behalf of the company \_\_\_\_\_ - VAT ID, declare that our company is interested to participate to a further negotiation for the equipment in object.*

*I declare:*

- *To possess the requirements detailed in the art. 216, comma 9 del D. Lgs. 50/2016*
- *Not to pretend any fees from Politecnico di Torino replying to this market survey;*
- *I consent to the processing of my personal data, in accordance with the privacy laws D.Lgs. 30 giugno 2003, n. 196.*

### 5. Further information

Clarifications and further technical information could be required only by email at the addresses [procurement.tecnici@polito.it](mailto:procurement.tecnici@polito.it)

Torino, December 19, 2016