

## Invitation for spot quotations

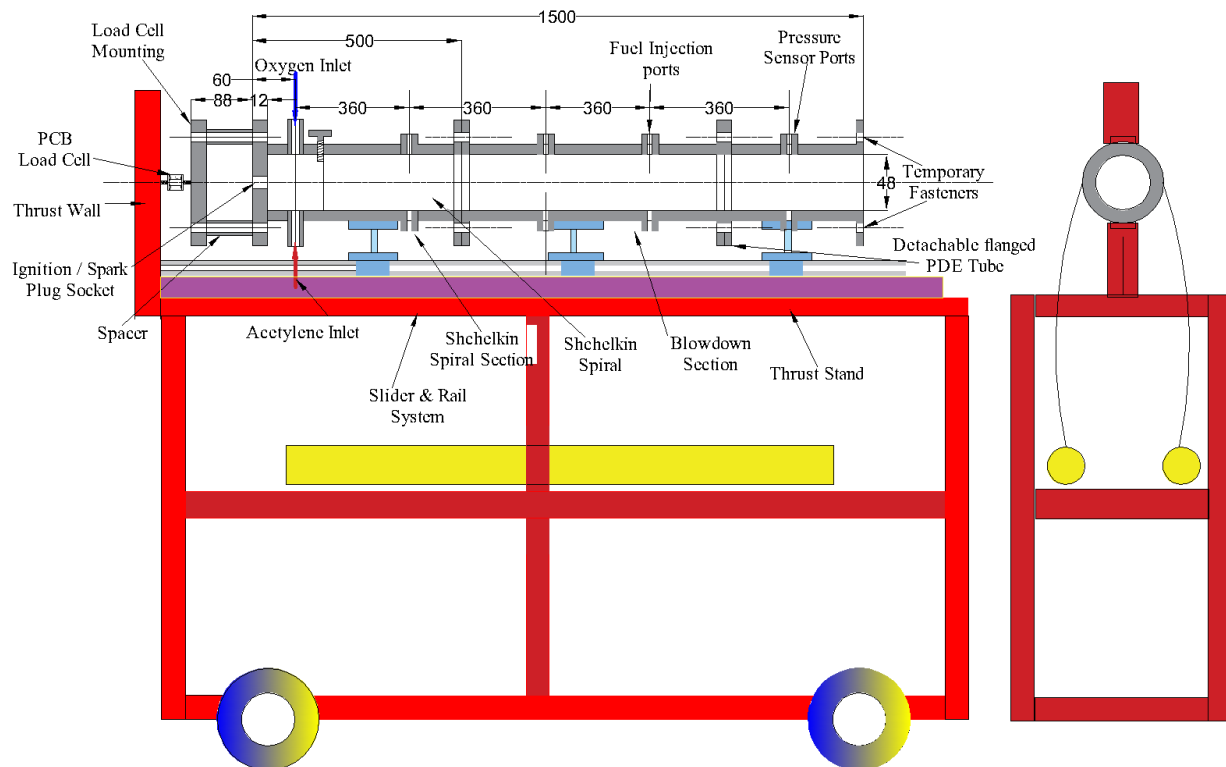
### FOR THE PURCHASE OF CUSTOMIZED PORTABLE PULSE DETONATION TEST RIG AND ACCESSORIES

The Punjab Engineering College, Chandigarh invites quotations from potential bidders for supply of the **CUSTOMIZED PORTABLE PULSE DETONATION TEST RIG AND ACCESSORIES**

Interested eligible Bidders may obtain further information from Prof. T K Jindal, Professor, Aerospace Engineering Department, Punjab Engineering College, Sector 12, Chandigarh 160012, India.

The drawing and the specifications are given below.

The Indicative Drawing is given below



**Terms and conditions:**

The fully functional test rig along with all accessories should be delivered to PDE lab, Aerospace Engineering Department, PEC Chandigarh-160012.

The full payment will be made by the institute on successful delivery and demonstration by the successful supplier (L1 bidder) after certification from principle investigator, Dr. T K Jindal.

All the transportation cost will be borne by the supplier.

The bill in favour of “The Director, Punjab Engineering College Chandigarh” should be submitted in triplicate at the time of delivery.

All legal disputes will be subject to Chandigarh Jurisdiction and will be interpreted under Indian Laws.

**Specifications:**

1. Portable Thrust Stand with engageable wheels
2. Frame made of MS thick gauge pipe/section. ( $L*B*H = 72* 36* 42$ ) (all dimension in inches)
3. Settling Chamber- 2 (One for Oxygen, One for Acetylene) – with dial type pressure gauge  
Material- Stainless Steel Grade-304  
Length-1 m  
Dia-100mm
4. Detonation Tubes- Length 1.5 m (0.5m+1m), Diameter (1 inch, 2 inches, 3 inches)  
Existing tubes can be modified (if possible).  
With LM Slider and brackets  
With provision for fitting 5 oxygen and 5 acetylene valves and spark plug.
5. Flow and ignition control system for controlling all valves for oxygen & Acetylene and spark plug.
6. All other necessary accessories required for successful experiments.

**The quotations should be submitted before 5.00 PM on 26.08.2019 by post or by hand to the following address**

**Head, Aerospace Engineering Department, Punjab Engineering College, Sector 12, Chandigarh 160012, India.**