Department of Aerospace Engineering

Enquiry No: AE/KP/2017-18/ Platform Balance
Opening Date: August 08, 2017
Closing Date: August 22, 2017 (1:00 PM)

Subject: Fabrication & integration of a loadcell-based 6-component platform balance for NWTF.

Quotation for the item mentioned above is requested in a sealed envelope. The quotation should reach on or before August 22, 2017 (1:00 PM) to the address given below.

Description of Platform Balance

Details of the platform balance are given below including various tasks to be completed. For fabrication drawing of the components and any other queries please contact Mr. Abhinath Kumar Yadav at abhinath@iitk.ac.in

1. *Top Load Cell Mounting Assembly:*
   - Load cell adaptor – 01 no.
   - Bearing housing (plate with bearing) – 01 no.
   - Load cell adaptor mounting – 01 no.
   - Top load cell and model connector – 01 no.
   - Top shaft connector – 01 no.
   - Fasteners
   - Bearing – 01 no.
2. *Bottom Load Cell Mounting Assembly:*
   - Load cell adaptor – 01 no.
   - Load cell adaptor mounting – 01 no.
   - Bottom load cell and model connector – 01 no.
   - Bottom shaft connector – 01 no.
   - Fasteners
3. *Integration and commissioning of Platform Balance at NWTF, IIT Kanpur*

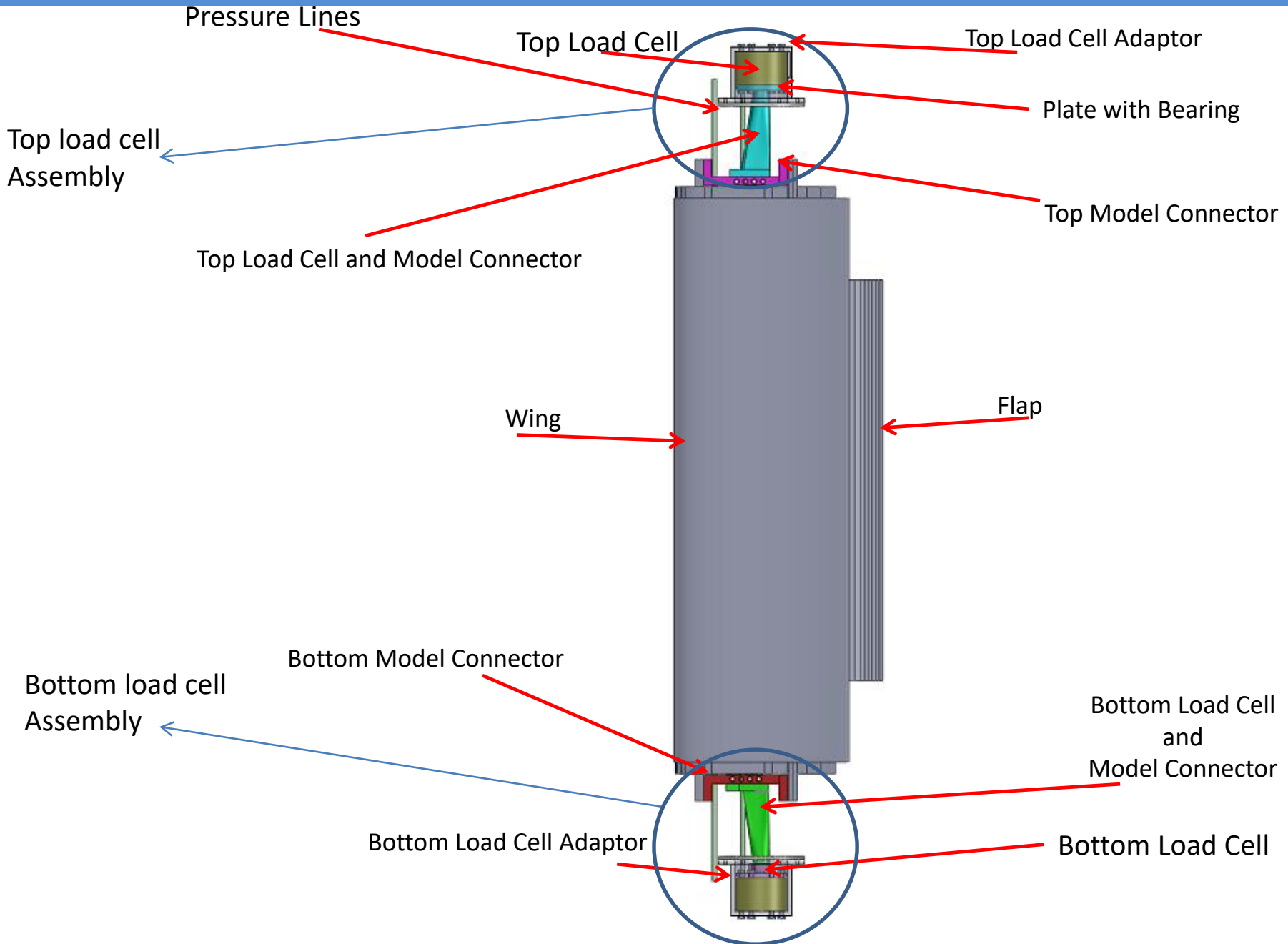
Kindly send your offer for the above items along with the following:

1. A signed quotation should have a validity of minimum 60 days
2. The freight/shipping/documentation etc. costs are to be mentioned separately.
3. The equipment should be provided with a warranty of at least one year after installation and commissioning.
4. The delivery period should be specifically stated.
5. The price should be quoted on ex-works basis along with maximum possible educational discount.
6. Fabricator should have state of the art fabrication facilities including 3 and 5 axes CNC milling and Lathe machines, and inspection facilities.

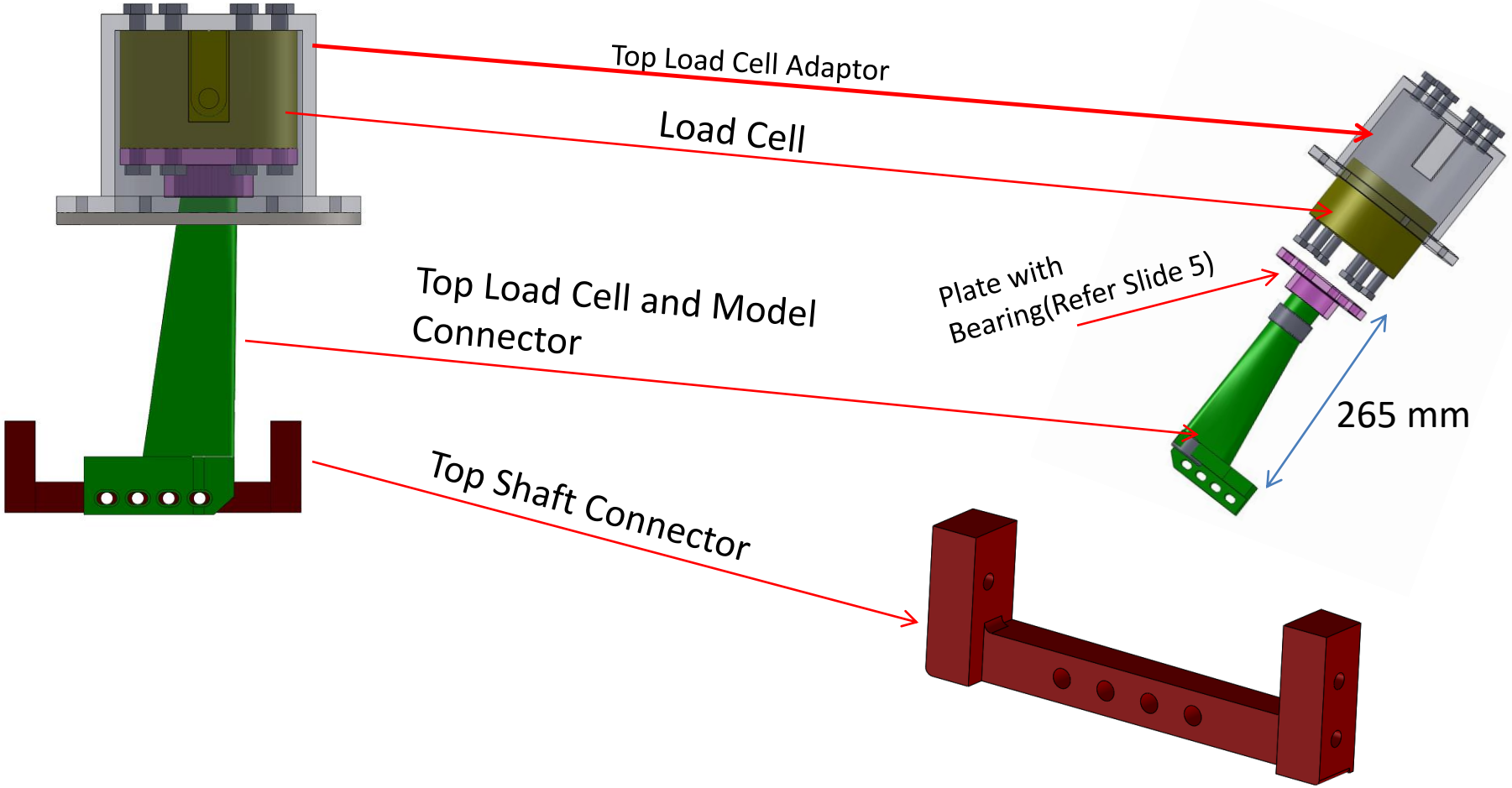
Address for the quotation:

Abhinath Kumar Yadav
Aerospace Engineering Department
Indian Institute of Technology Kanpur
Kanpur-208016, India
E-mail: abhinath@iitk.ac.in
Phone: +91-512-2597812

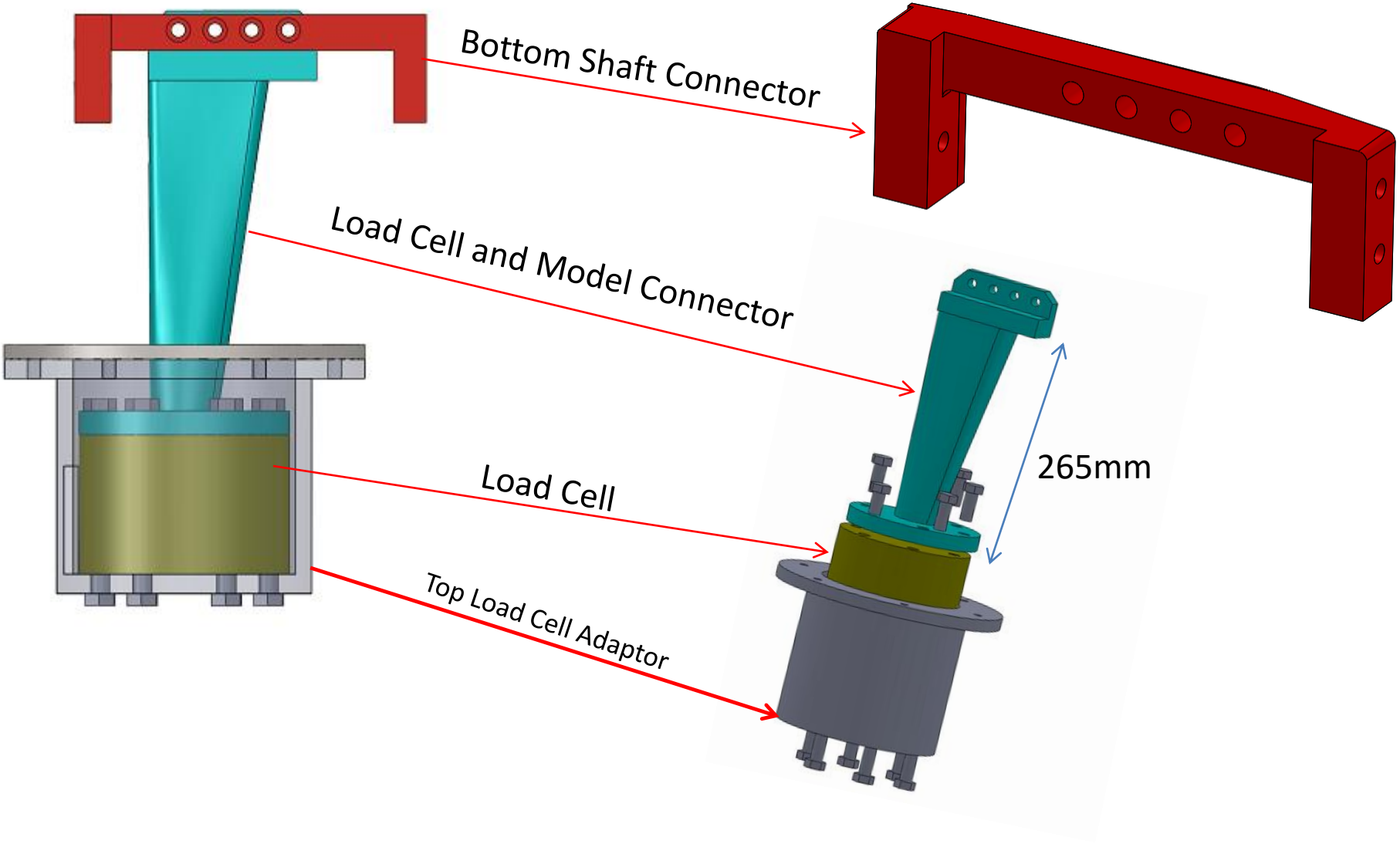
Assembly of Model



Top Load Cell mounting Assembly



Bottom Load Cell Mounting



- Bottom Connection is without Bearing