

## NOTICE INVITING QUOTATION (NIQ)

**Date:** Thursday, 29<sup>th</sup> January, 2015

Sealed quotations on company letterhead are invited from reputed fabricators/ manufactures in India, abroad, or their authorized suppliers/ dealers and service agents in India for the supply of the equipment mentioned in this document of Notice Inviting Quotations (NIQ).

The quotation must provide detailed information of the configuration and specifications of the items as well as price (in Indian Rupees only) and terms and conditions of the payment. The quotation should mention individual unit cost of each of the components, also total cost of delivery, fabrication, installation, and commissioning as well as full demonstration at IIT Delhi site. The cost should be FOB New Delhi (IIT Delhi). Comprehensive warranty of three years is required.

The quotation should be submitted in the office of the Head, Department of Civil Engineering, Room No. 221, Block No. IV, Indian Institute of Technology (IIT), Delhi, Hauz Khas, New Delhi - 110 016 (India). The validity of the submitted quotation must extend up to at least four months from the date of submission. The last date for submission of the technical and financial bid is 20<sup>th</sup> February 2015.

Interested parties are required to submit their technical and financial bids in separately sealed envelopes and marked respectively as "Technical Bid" and "Financial Bid" on the outside. The two sealed envelopes should be enclosed inside a single large envelope and marked, "Attention: Dr. Vasant Matsagar, Sealed Quotation for Self-Balanced Steel C-Loading Frame to be opened by Purchase Committee". Also, it is mandatory to provide a summary sheet clearly giving information if the specifications asked for are met in the offer.

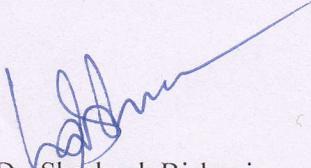
The bidder is required to provide bid security through a Bank Guarantee or Demand Draft (DD)/Pay Order (PO) of Rs. 5,000/- valid until at least four months from the date of submission, enclosed in the Technical Bid.

The institute reserves the right to accept/ reject any/ all the offers without assigning any reason whatsoever.

Sr. No.	Item Name and Specifications	Quantity
1.	<p><b>Self-Balanced Steel C-Loading Frame</b></p> <ul style="list-style-type: none"><li>The self-balanced C-loading frame shall be capable of transferring a load of at least 200 kN or more.</li><li>The frame shall not be taller than 3.02 m and exactly match the existing similar setup (refer sketch below).</li><li>The frame shall be able to accommodate an existing fire furnace (refer sketch below). The load will be applied from the top and the frame shall allow the user to vary the location of hydraulic jack. The frame shall have adequate vertical clearance to accommodate the fire furnace and hydraulic jacks there.</li><li>The material of the frame shall conform to IS 2062: 2006.</li></ul> <p>Documentation related to guarantee / warranty of sub-components from various manufacturer's to be provided in the name of IIT Delhi with clear mention of duration.</p>	01 Number

NOTES:

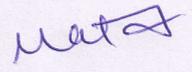
- (1) All Documents and Manuals should be in English language.
- (2) Each of the essential specification needs to be responded either in range or any applicable answer. Bidder should also provide the timeframe of delivery. Failure to respond to any essential specification can lead to disqualification.
- (3) Technical Bid not accompanied by the Bank Guarantee/DD/PO will be disqualified.
- (4) Applicable taxes should be clearly specified.
- (5) Vendor should provide reference of supply of equipment earlier within India or outside of similar equipment. Any negative comments from any one referred would disqualify the bid. IIT Delhi reserves the right to interact/ visit with the referred customer as per its convenience.
- (6) Installation, Commissioning and Terms of Conditions: The quoted cost should be in Indian Rupees including taxes and freight to IIT Delhi. The cost should include fabrication, delivery, unloading at IIT Delhi site, installation, deputation of competent engineers for installation and systems required for smooth running of the equipment. Pre-installation requirements, if any, such as base to accommodate the self-balanced C-frame shall be mentioned along with their detailed technical specifications. Interested bidders are welcome to see the space availability at the Concrete Structures Laboratory (CSTL) Laboratory, Block IV - 112, Department of Civil Engineering, IIT Delhi by taking prior appointment. All items mentioned in this NIQ should be provided within 4 weeks of Supply Order placement so that IIT Delhi can prepare the installation requirements well in time. Vendor is required to supply, fabricate, install, and ensure proper commissioning of the equipment within 15 days of the Supply Order.  
The supplier should demonstrate the performance of the equipment to the specifications by conducting trial tests at the Concrete Structures Laboratory (CSTL) Laboratory, Block IV - 112, Department of Civil Engineering, IIT Delhi. Complete set of Manuals for operation, maintenance, and safety should be provided.
- (7) Each of the essential specification needs to be responded either in range. Failure to respond to any essential specification will lead to disqualification.



Dr. Shashank Bishnoi  
(E. Code: 16300)



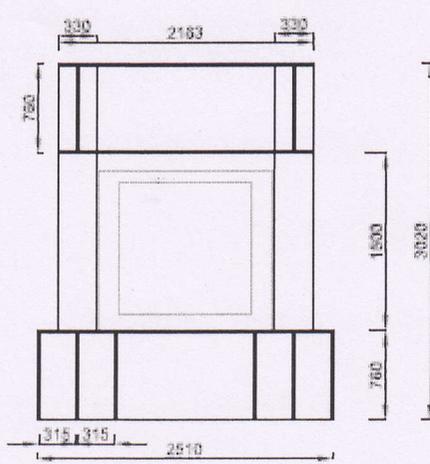
Dr. Dipti Ranjan Sahoo  
(E. Code: 16333)



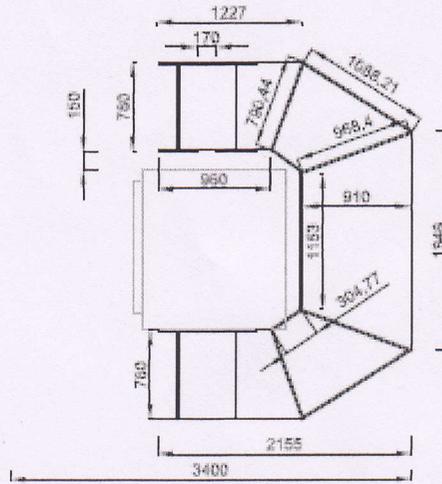
Dr. Vasant Matsagar  
(E. Code: 16247)

Dr. K. N. Jha  
(E. Code: 16132)

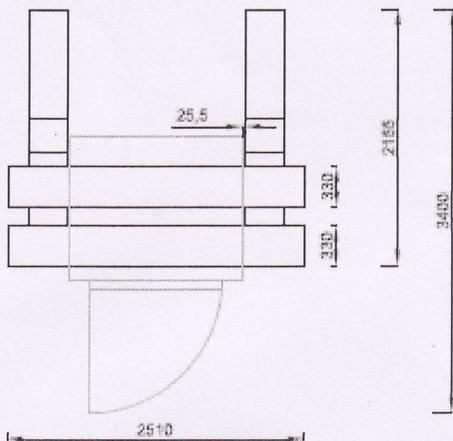
# LOADING FRAME FOR FURNACE



FRONT ELEVATION

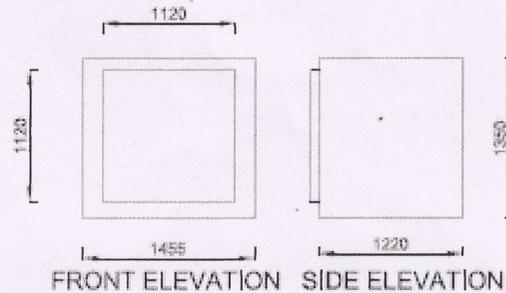


SIDE ELEVATION

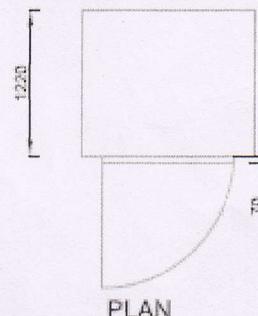


PLAN

## FURNACE (1455 X 1350 X 1220)



FRONT ELEVATION      SIDE ELEVATION



PLAN

NOTES:  
 1. ALL DIMENSIONS ARE IN MM.  
 2. THICKNESS OF ALL STEEL PLATES IS 16 MM.

Tentative sketch of the self-balanced steel C-loading frame and fire furnace

*[Handwritten signatures in blue ink]*