



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

MATERIALS MANAGEMENT / CAPITAL EQUIPMENT

ENQUIRY – Corrigendum 1

(This is not an E-tender, please submit your offer in hard copies)

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NIT No. 36585

**Enquiry
Number:**

2601800002

**Enquiry
Date:**

10.01.2018

**Due date for submission
of quotation:**

02.02.2018

You are requested to quote the Enquiry number date and due date in all your correspondences. This is only a request for quotation and not an order

Please note that under any circumstances both **delayed offer** and **late offers** will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the date of tender opening

Item Description: Servo Hydraulic Static and Dynamic Testing System

Details of Corrigendum

AMENDMENT TO CLAUSE No. DD2 of PART - B

SI No.	BHEL Requirement (Existing)	BHEL Requirement (New) Amended as
DD.2. of PART B	- Rigid 6-column construction(4 solid and 2 screws (spindles)) - - Integrated hydraulic wedge grips in open front construction for easy sample loading/removable and changing of inserts (jaws) - Chrome plated columns for easy cleaning and longest life - Anti-rotation system for the actuator to prevent the natural tendency of the actuator to rotate - Piston stroke end-switch - Actuator mounted in the base of the machine - With integrated precision electronic load cell for direct force measurement - With high resolution digital displacement transducer with resolution less than 1 microns	- Rigid 6-column construction(4 solid and 2 screws (spindles)) or 4 notched column construction (2 notched column and 2 lead screws) - Integrated hydraulic wedge grips in open front construction for easy sample loading/removable and changing of inserts (jaws) - Chrome plated columns for easy cleaning and longest life - Anti-rotation system for the actuator to prevent the natural tendency of the actuator to rotate - Piston stroke end-switch - Actuator mounted in the base of the machine - With integrated precision electronic load cell for direct force measurement - With high resolution digital displacement transducer with resolution less than or equal to 1 microns



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SI No.	BHEL Requirement (Existing)	BHEL Requirement (New) Amended as
DD.2. of PART B	• Shall comply to the technical requirement as below: * Max. test load static ± 600 kN * Accuracy according to ISO 7500-1 Grade 0.5 from 0.6 kN to 600 kN * Piston stroke 200 mm or more * Piston stroke accuracy according Grade 0.5 or 0.13 mm ISO 9513 stroke (displacement), whichever is greater * Testing speed up to 75 mm/min. * Column spacing 540 mm (test space width) * Tension space 0-700 mm (excluding piston stroke) * Compression space Min 550 mm (excluding piston stroke) * Adjustable Crosshead Speed 200 mm/min. * Dimensions of frame (WxDxH) Not to exceed 850 x 600 x 2300 mm * Frame Stiffness 600 kN / mm - Weight of the frame Not to exceed 2900 kg	• Shall comply to the technical requirement as below: * Max. test load static ± 600 kN * Accuracy according to ISO 7500-1 Grade 0.5 from 1.2 kN to 600 kN * Piston stroke 150 mm or more * Piston stroke accuracy according ISO 9513 Grade 0.5 or 0.13 mm stroke (displacement), whichever is greater * Testing speed up to 75 mm/min. * Column spacing 350 mm or more (test space width) * Tension space 0-700 mm (excluding piston stroke) * Compression space Min 550 mm (excluding piston stroke) * Adjustable Crosshead Speed 200 mm/min or better * Dimensions of frame (WxDxH) Not to exceed 850 x 600 x 2500 mm * Frame Stiffness 600 kN / mm or better - Weight of the frame Not to exceed 3000kg
All other terms and conditions and specifications as published in the NIT 36585 remain unaltered.		

BHEL's General guidelines / instructions (refer MM / CE / GENL / 001 - EMD) including bank guarantee formats and list of consortium banks, commercial terms compliance form can be downloaded from BHEL web site (<http://www.bhel.com>) http://www.bhel.com/tender/tender_home.php or from the Government tender website <https://eprocure.gov.in/epublish/app> under above Enquiry reference.

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Tenders should reach us before 14:00 hours on the due date
Tenders will be opened at 14:30 hours on the due date
Tenders would be opened in presence of the tenderers who have submitted their offers and who may like to be present

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

DGM / MM / Capital Equipment

S.PARTHASARATHY
MANAGER
CAPITAL EQUIPMENT / MM
BHEL, TRICHY-620014.