



An ISO 9001  
Company

# Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

<b>ENQUIRY</b>	Phone: +91 431 257 76 53 Fax : +91 431 252 00 31 Email : <a href="mailto:skaruna@bheltry.co.in">skaruna@bheltry.co.in</a> Web : <a href="http://www.bhel.com">www.bhel.com</a>
<b>NOTICE INVITING TENDER</b>	

<b>TWO PART BID</b> Tender to be submitted in two Parts	<b>Enquiry Number:</b> <b>2631400041</b>	<b>Enquiry Date:</b> <b>21.11.2014</b>	<b>Due date for submission of quotation:</b> <b>23.12.2014</b>
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You are requested to quote the Enquiry number date and due date in all your correspondence. This is only a request for quotation and not an order.

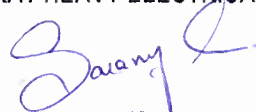
Please note that under any circumstances both delayed offer and late offers will not be considered. Hence vendors are requested to ensure that the offer is reaching physically our office before 14.00 hrs on the Date of tender opening.

Item	Description	Quantity
10	Hydraulic Scissor Lift Table as per the technical specification & commercial conditions applicable (to be downloaded from web site <a href="http://www.bhel.com">www.bhel.com</a> or <a href="http://tenders.gov.in">http://tenders.gov.in</a> )	01 No.

**Important points to be taken care during submission of offer**

1. The Checklist for Acceptance of Commercial Terms & Conditions to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation.
2. All updates, amendments, corrigenda, etc., (if any), for each tender will be posted only on the above websites from time to time, as and when required, until each tender is opened. There will be no publication of such updates, amendments, corrigenda, etc., through newspapers or any other media.

BHEL's General guidelines / instructions (refer MM/CE/GENL/001) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from BHEL web site <http://www.bhel.com> or from the Government tender website <http://tenders.gov.in> (public sector units > Bharat Heavy Electricals Limited page) under above Enquiry reference

<p>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.</p>	<p>Yours faithfully, For <b>BHARAT HEAVY ELECTRICALS LIMITED</b></p>  <p>Sr. Engineer/MM/Capital Equipment</p>
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**C. SARANYA**  
Senior Engineer  
MM / Capital Equipment  
BHEL / Tiruchirappalli - 620 014.

## ANNEXURE - I

<b>SUPPLY OF HYDRAULIC SCISSOR LIFT TABLE</b>		
<b>QUALIFICATION CRITERIA</b>		
S.No	Description	Vendor to specify details
1	Only those vendors, who have Supplied hydraulic scissor lift table of capacity 500 Kgs or more for at least to one company in the past seven years as on the date of opening of this tender can participate in the tender, for which the Purchase order copies are to be submitted along with the offer.	
2	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected.	

## ANNEXURE - II

### SPECIFICATION FOR HYDRAULIC SCISSOR LIFT TABLE;

- 1)Capacity of the lift table : 500 Kgs
- 2)Maximum Height : 4000 mm
- 3)Minimum Height : 800 mm
- 4)Platform Size : 2200 mm X 1000 mm (L X W)
- 5)Safety railing height of platform: 1000mm on all 4 sides
- 6)Number of Scissor in the lift table: Three Scissors
- 7)Material of scissors : Mild Steel scissor - Vendor to specify the scissor material and dimension to be used.
- 8)Base Structure : Mild Steel Structures-Vendor to specify the base structure material and dimension to be used.
- 9)Wheels : 4 number of wheels of suitable diameter
- 10) Mechanical jacks : Mechanical jacks to fix the lift table to the ground to be provided
- 11) Hand bar to pull the ladder: To provide suitable hand bar
- 12)Lifting : Electro hydro control - Electrically Operated through push buttons and Platform is to be lifted by hydraulic cylinders.
- 13)Hydraulic Unit :Hydraulic unit shall consist of 2 numbers of inclined hydraulic cylinders with internal honed pipe having hard chrome Plated piston and hard chrome Plated piston rod with one number of power pack Unit.  
The power pack unit shall consist of following components;
  - (a) Hydraulic Mild Steel tank - Capacity 25 litres(without oil)
  - (b) Gear Pump
  - (c) Electric motor of suitable capacity
  - (d)Electric operated solenoid valve
  - (e) Manifold Block
  - (f)Flow control valve
  - (g) Pressure gauge
  - (h) Pressure relief valve
  - (i)Suction filters
  - (j)Pilot operated check valve
  - (k)Required Hoses of suitable size
  - (l)Any Other fittings and accessories required for the operation of power pack.
- 14)Electrical System :The continuous running power pack unit shall have motor of suitable capacity, starter with 12 metres long cables.  
The cylinder unit shall be provided with limit switch and Push Button control with Panel Board.  
The electric panel shall have Starter contactors, MCB's, push buttons, Limit switches and Terminal strip.  
The control panel/cabinet is to be mounted within the power pack at the ground level.

15) Controls : UP, DOWN and EMERGENCY STOP to be controlled through Pushbuttons provided outside the Plat From. The lift shall stop automatically when the platform reaching desired Floor level by actuation of pre-adjusted levelling limit switches.

16) Scope : Supply, Installation and Commissioning is in the scope of the supplier.

GENERAL TERMS:

(a) All the hydraulic components should be of Rexroth / Vickers / Parker make/any other ISO 9001 certified company make which are acceptable to BHEL engineer.

(b) The electric motor should be of following Makes : ABB / Kirloskar / Siemens / Crompton / NGEF / Alstom/Bharat Bijilee only acceptable.

The input supply for power will be of 415V +/- 10%, 3 phase, 4-wire system.

Only 415 V power supply will be provided by BHEL. Suitable transformer if required is to be provided in the control panel by the supplier.

(c) The supplier should provide the complete hydraulic circuit of power pack with bill of materials giving specification and make of the components used, along with offer.

(d) Catalogue/GA Drawing of the Hydraulic Scissor lift table is to be submitted along with offer.

(e) The Hydraulic Scissor lift table will be tested and inspected by BHEL personnel at supplier's works before dispatch.

(f) Warrantee shall be for a period of 12 months from the date of commissioning or 18 months from the date of supply whichever is earlier.

(g) Delivery period to be TWO months from the date of purchase order.