



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirappalli – 620014, TAMIL NADU, INDIA

CAPITAL EQUIPMENT / MATERIALS MANAGEMENT

NOTICE INVITING TENDER		Phone: +91 431 257 4237 Email : spsy@bheltry.co.in Web : www.bhel.com	
TWO PART BID	Enquiry Number:	Enquiry Date:	Due date for submission of quotation:
Tender to be submitted in two Parts	2631600078	03.10.2016	28.10.2016
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 tender should be submitted online on or before the due date by 14.00 Hrs (IST). Tenders received after 14.00 Hrs (IST) will not be considered for evaluation.			
Item	Description		Quantity
10	MS Container (PORT A Cabin) as per the technical specification & commercial conditions applicable (to be downloaded from web site www.bhel.com or http://tenders.gov.in or https://bheleps.buyjunction.in)		1 No.
Important points to be taken care during submission of offer 1. Deliver Term required is FOR BHEL Stores, Trichy 2. Delivery required 3 months from the date of purchase order. 3. Erection & Commissioning period required 3 Weeks from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C. 4. Checklist No: TRY/IND/ 08 to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation. 5. 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 / EPROC / GENL / 001) including bank guarantee formats and list of consortium banks, commercial terms check-list can be downloaded from https://bheleps.buyjunction.in or 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.			
Tenders should be submitted online at our above indicated web portal before 14:00 hours on the due date Tenders will be opened online at 14:30 hours on the due date.		Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED <i>S. Parthasarathy</i> 04/10/16 Manager / Capital Equipment / MM	

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

**PART A - QUALIFYING CRITERIA FOR THE SUPPLY OF PORTABLE MS CONTAINER
(PORTA CABIN)**

SECTION – I

The BIDDER / VENDOR has to compulsorily meet the following requirements to get qualified for submitting an offer for the PORTABLE MS CONTAINER (PORTA CABIN)

S. No.	REQUIREMENTS	VENDOR's COMMENTS
1.0	The BIDDER / VENDOR shall have a minimum of last FIVE Years of Continuous Experience in the Design, Manufacture and supply of PORTA CABINS. Vendor to indicate the actual no. of years of experience in this field.	
2.0	The Bidder/vendor to furnish latest 10 customers list with contact details to whom they have supplied similar porta cabins	
3.0	Vendor has to submit compulsorily documentary proof for supply of at least ONE PORTACABIN of minimum floor area of 11m x 3.5m with in the last 5 years [as on date of this tender opening (First date)] along with the customer contact details to whom it was supplied	
4.0	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.	

SECTION – II

Bidder to provide the following details:

S. No.	PARTICULARS	VENDOR's RESPONSE
5.0	Number of "PORTACABINS" supplied and commissioned till date	
6.0	Details on SERVICE-after-SALES Set-Up in India including the addresses of Agents/Service Centers in India and Asia	

PART B TECHNICAL SPECIFICATIONS FOR PORTABLE MS CONTAINER PORTA CABIN

Sl.No.	Particulars	BHEL Specifications	Bidder's offer
1.0	SIZE	As per sketch in Annexure I	
2.0	SKID & UNDER FRAME	Skid with under frame shall be made of 200x100x25.4mm BEAM & 110mm MS pipe. 100x55mm MS channel runners & MS folded section as intermediate supports	
3.0	FLOOR	19mm plywood screwed to the 18swg MS sheet welded to the base & steel runners. Floor shall be covered with 2mm thick Vinyl flooring with pleasant colour	
4.0	WALLS	Shall be sandwich type construction with the external finish as Corrosion Resistant paint applied on 1.6mm thick MS corrugated panels. Internal wall finish shall be 6mm plywood with 1.5 mm thick laminated sheet. Suitable framing of the wall panel shall be with MS folded section. Glass wool of 75mm thick shall be used as wall panel's heat insulation. The panel joints will be covered with aluminium beading.	
5.0	ROOF	MS sheet 16swg shall be used as roof covering with suitable MS plain sheet ridges giving a two sided slope. The sheets shall be supported by MS folded trusses. The roof insulation shall be 75mm thick glass wool. Corner fitting will be provided at four corners lifting(Hook)	
6.0	CEILING	Ceiling shall be covered with 4mm thick plywood and finished with 1.5mm thick laminated sheet. The joints will be covered with aluminium beadings. 75mm thick glass wool will be provided as roof insulation.	
7.0	DOOR	Door shall be made of suitable MS square tube framing and shall be covered with MS sheet and laminated plywood to match the exterior and interior finish. Reputed make door lock should be provided. Also external padlock should be provided. The main door opening shall be inside opening.	
8.0	WINDOW	Window shall be aluminum sections with double shutter fly mesh over the window and glass 5mm thick shall be provided. Overall size of the window to be as per sketch in Annexure I. Windows shall be designed so that light entry into dark room is prevented in closed condition. Vendor to provide the details along with offer	
9.0	ELECTRICAL	The unit shall be completed with electrical fittings. It shall be pre-wired of copper conductor, with open circuit. Adequate DB with electrical MCB and room lighting	

		shall be provided. Dark room shall be provided with two tube lights and a fan. Isolation room and storage room shall be provided with one tube light and a fan each. Switch boards with 5 amps and 15 amps plug points shall be provided(2 nos each in dark room) and one no each in isolation room and storage room.	
10.0	PAINTING	All steel materials would be acid pickled/powder coated/ chemically treated before fabrication. The sections are then given a coat of weld able special zinc primer. After fabrication all the inside and outside surface would be given a coat of anti-corrosive primer and exterior to be finished with two coats in the shade nearest to dark blue (oxford blue) All the four sides shall be painted/stickered with BHEL logo & name of the unit as shown below. HIGH PRESSURE BOILER PLANT BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPPALLI – 620 014	
11.0	AIR-CONDITIONER	Air conditioner shall be provided at two locations as given in sketch in Annexure I. Each AC system shall be of reputed make, window type, Minimum 3 star energy rating with 2 ton capacity.	
12.0	STEPS	Minimum three steps to be provided for landing to the Porta cabin at the entry door which will be generally placed on the top of concrete blocks of approx. 750mm height. Steps may be bolted to the base frame of the Porta cabin. During transportation the steps frames shall be dismantled and placed inside the Porta cabin.	
13.0	Slabs and racks	Slabs and racks of steel shall be provided as per sketch in Annexure I.	
14.0	Dark room provisions	Drain pipe as indicated in as per sketch in Annexure I, shall be provided. Dry bench top shall be made of cudappah stone. Wash basin shall be of made of cudappah stone of minimum dimensions 70x50x30 cm (lxbxh). Exhaust fan shall be provided at the location specified.	

15.0	LIFTING HOOKS/EYE	Proper lifting hook/eye shall be provided for handling the Porta cabin. Out rigger arrangement at four corners of the base frame fitted with at least 2 feet screw jack for unloading from the trailer and if required to be kept in jacking position temporally.	
16.0	GENERAL	The independent Porta cabin shall be designed for transporting as it is without dismantling and placed over the RCC block of 750mmx750mm in a levelled ground provided at site. The design of the Porta cabin shall be so that the Porta cabin shall be capable of withstanding jerks and jolts without damage during loading and transportation. The base frame of the Porta cabin shall be designed such that it can be stable over the concrete slabs and withstand sufficient wind pressure.	
17.0	Scope of Supply	Porta cabin as per attached as per sketch in Annexure I and specification-1 No	
18.0	General Assembly Drawing approval	General assembly of Porta cabins drawing along with important Bill of materials/Bought out items to be submitted by supplier for approval prior to manufacturing within 15 days from the date of ordering and BHEL will provide approval within 15 days from the date of submission, in case of placing order.	
19.0	Documentation in ENGLISH Language	Three Copies (In English) of the Maintenance & Service Manuals containing Electric Schematics, Drawings, Trouble Shooting Charts, Mechanical Sub-Assemblies, etc. shall be supplied, at the time of inspection by BHEL Engineers.	
20.0	Pre dispatch Inspection	The system and accessories (consisting of the items) shall be offered for pre-dispatch Inspection by BHEL at supplier's works.	
21.0	Packing and delivery	Packing and delivery of the porta cabin from manufacturer's place to BHEL, Trichy in safe condition without any damage is under the responsibility of the SUPPLIER.	
22.0	Installation and commissioning	The porta cabin (consisting of the all items noted in as per sketch in Annexure I and spec) is to be installed & commissioned at BHEL Works, by the Service Engineer of the SUPPLIER.	
23.0	Prove out	Vendor to check the functioning of the porta cabin(with assembled components) and to prove the same at BHEL works	
24.0	Guarantee	The Porta cabin (consisting of the items marked in the attached drawing and spec) are to be guaranteed for 12 months from the date of commissioning of the equipment at BHEL Works.	

25.0	Service and Spares Support Requirements	Vendor shall ensure after the guarantee period, through trained service personnel in India for next 5 years as and when need arise. Spares to be made available within the shortest time.	
26.0	Safety and Quality Standards	Supplier to ensure that Safety and Quality of system and accessories shall conform to International Standards. Conformance certificate to be provided along with the porta cabin.	
27.0	Price for accessories	Separate rate shall be quoted for Optional / Compulsory Accessories if any	

NB: All the other items shall be as per sketch in Annexure I.

ANNEXURE I

DARK ROOM

