



An ISO 9001
Company

Bharat Heavy Electricals Limited

(High Pressure Boiler Plant)

Tiruchirapalli – 620014, Tamil Nadu, India

CAPITAL EQUIPMENT/ MATERIALS MANAGEMENT

ENQUIRY		Phone: +91 431 257 7421/ 5443/ 7833	
NOTICE INVITING TENDER		Fax :431 257 6826	
		Email : vkarna@bhel.in , smams@bhel.in , vijayak@bhel.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	2632100009	01.02.2021	24.02.2021
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	Qty.	(Indigenous Vendors) Matl. will be Delivered to
10	"Alcohol Breath Analyser" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in/epublish/app)	01 No.	FOR, BHEL, Stores, High Pressure Boiler Plant, Tiruchirappalli - 620014
20	"Alcohol Breath Analyser" as per the technical specification, BHEL commercial terms & conditions applicable (to be downloaded from web site www.bhel.com and https://eprocure.gov.in/epublish/app)	01 No.	FOR BHEL Stores, Power Plant Piping Unit, Thirumayam 622507, Pudukottai Dist.
IMPORTANT POINTS TO BE TAKEN CARE DURING SUBMISSION OF OFFER: - Material shall be delivered to (By indigenous vendors): As stated below. - Item 10 for Qty. 1 No. shall be F.O.R BHEL, Stores, High Pressure Boiler Plant, Tiruchirappalli– 620014. - Item 20 for Qty.1No.shall be F.O.R BHEL Stores, Power Plant Piping Unit, Thirumayam-622507, Pudukottai Dist. - Delivery period required is 4 weeks from the date of Purchase Order. - Demonstration and commissioning shall be done at BHEL, Trichy and BHEL PPPU Thirumayam by the supplier. - Demonstration and commissioning period required is 1 Week from the date of intimation by BHEL to vendor for deputation of their Engineers for E&C. - EMD not applicable - Compliance Form No: TRY/IND/09 is to be filled and enclosed along with the offer failing which, the offer will not be considered for evaluation. - 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 – NO EMD), commercial Terms check list (Compliance Form) and Technical Specification can be downloaded from BHEL web site http://www.bhel.com or from the Government tender https://eprocure.gov.in/epublish/app under Enquiry reference "2632100009". Note: this is not an E-tender, hence Vendors are requested to ensure that the offer is reaching physically at our office before 14:00 Hrs. on the date of tender opening.			
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 S. MUTHUSUBRAMANIAN Manager Capital Equipment/MM BHEL, TRICHY - 620 014	

Alcohol Breath Analyser,

Part A

SECTION-1: Qualifying criteria

SL.NO.	REQUIREMENTS	VENDOR'S RESPONSE
1.1	Only those vendors (OEMs) should quote, who have commissioned/supplied at least TWO "Alcohol Breath Analyser" similar to the proposed model in the technical offer in the last 7 years (as on the original date of tender opening) and the referred equipment is presently working satisfactorily for more than one year from the date of commissioning/supplying (as on the original date of tender opening).	
1.1.1	The supplier has to give following information about the offered model. (a) Model name, year of launch of the model. (b) Name and contact addresses of the customers.	
1.2	Vendor has to submit at least ONE PERFORMANCE CERTIFICATE for satisfactory performance of Alcohol Breath Analyzer as referred under clause 1.1 above, for a minimum period of one year from the date of commissioning (as on the original date of tender opening) supplied and commissioned in the last 7 years. Performance certificate as original certificate or E-mail directly from the customer may be submitted. The original certificate may be returned after verification by BHEL, if required. For obtaining the performance certificate, a suggestive format is provided at page-3.	
1.3	BHEL reserves the right to verify the information provided by the vendor. In case the information provided by vendor is found to be false/incorrect, the offer shall be rejected. BHEL reserves the right to accept or reject the OEM's based on the assessment of their technical and financial capability.	

SECTION-2:

The BIDDER / VENDOR are requested to provide the following information: -

S NO.	REQUIREMENTS	VENDOR'S RESPONSE
2.1	Vendor shall submit a complete reference list of customers (preferably of Heavy Engineering Companies) to whom such offered model of Alcohol Breathing analyzer has been supplied in the last three years with PO details, Qty., year of commissioning with contact details of the customers.	
2.2	Specify details of Alcohol Breath Analyzer with printer supplied to other units of BHEL, if any (year of supplied with details etc.) The performance details will be verified by BHEL, for which the vendor to provide the contact persons details to BHEL, to whom the Alcohol Breath Analyzer was supplied.	

SECTION-3:

The BIDDER to note:

S NO.	REQUIREMENTS	VENDOR'S RESPONSE
3.1	The BIDDER /VENDOR shall submit the offer in TWO parts. 1.Technical offer [with PART A & PART B] 2.Commercial offer and price bid.	
3.2	The technical offer shall contain complete details against all clauses of technical specification given by BHEL.	
3.3	The technical offer shall be supported by original product catalogs of the offered model, data sheet and technical details of bought –out – items. Note: photocopies of the catalogs are NOT ACCEPTED.	
3.4	The commercial offer (given with the Technical offer) shall contain the scope of supply and the un-priced part of the price-Bid for conformation.	

Suggestive Format of Performance Certificate:

The performance certificate should be produced on Customer's Letter Head.

PERFORMANCE CERTIFICATE

1 Supplier of the machine

2 Make & Model of the M/C

3 Month & Year of Commissioning

4 Application for which M/C is used

5 Weight of the machine

6 Performance of the Machine

Satisfactory / Not Satisfactory

(Strike off whichever is not applicable)

7 After sales service

Satisfactory / Not Satisfactory

(Strike off whichever is not applicable)

8 Any Other remarks

Performance certificate issued date:

Signature & Seal of the
Authority Issuing the
Performance Certificate

Contact details of issuing
authority

Name & Designation:
Office No/ Mobile no:
Email ID:

Technical specifications for alcohol breath analyser with printer

The scope of this specification covers the Supply, transport, installation, testing, commissioning with 2-year comprehensive warrantee period.

The technical specifications specified in this section are minimum suggestive Technical Specifications. The vendor has to supply the below mentioned equipment that will best accommodate and meet the present and future requirements of Security Dept. of BHELTRICHY. Bids not meeting these minimum technical specifications are liable to be rejected. In case the equipment quoted exceeds/differ the tender technical specifications, the same should be clearly defined by the bidder.

The breath alcohol analyser to be supplied shall consist of the breath analyser, printer, batteries, charger, mouth pipes, connecting/data cables and shall be placed in one carrying case for the ease of portability and operations.

The breath analyser with printer to be supplied must be unaffected by acetone, paint and glue fumes, fumes from foods, methane and all other substances likely to be found in the human breathe resulting into distortion of the test results.

1. Technical Specification:

Breath Alcohol Analyser		
Parameter	BHEL Specification	Vendor's Offer
Alcohol Detection:	Electro-Chemical Fuel cell (alcohol specific)	
Sampling method	Deep lung exhalation method	
Sampling error detection	Alarm on wrong sampling	
Measuring Range:	0-500 mg/ 100 ml BAC (Blood Alcohol Concentration)	
Measurement accuracy:	+/- 5% or better	
Response Time:	Within 30 seconds at room temperature	
Temperature range:	15°C to 50°C	
Warm up time:	Approximately 30s or less after initial turn on	
Blowing time:	5 second	
Calibration	Once in a Year	
RF Interface	Immune to high levels of radio frequency interface as per EN:5008-1/1992 (emission) and EN 50082-1:1997 (immunity) or equivalent requirements	
Display:	Minimum 2" LCD	
Key board:	Alphanumeric keyboard for record entry.	
Record data:	Record data should be downloadable to PC.	
Indicators:	Low battery indication	
Power supplies.	Interchangeable rechargeable batteries with battery charger.	
Communication interface:	USB, Bluetooth	
Memory:	More than 1000 tests results	

Weight:	Less than 600 g, with power supply and leather pouch	
Accessories:	Carrying bag, PC link cable, plastic case, mouth pipes (15 nos.), 1 spare paper roll for printer	
Mouth pieces:	Individually wrapped disposable	
Printer		
Printer type:	Wired/ Wireless/ Inbuilt	
Minimum number of printouts that can be taken with the paper available with the printer:	80	
Minimum number of printouts that can be taken with single charge of the printer battery	80	
Power supply:	In case wireless printer is offered, rechargeable batteries with charger should be provided.	
Operating temperature:	15°C to 50°C	
Warranty for breath alcohol analyser with printer	Minimum 2 year comprehensive warranty.	

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