

**6BHARAT HEAVY ELECTRICAL LIMITED, BHOPAL  
KASTURBA HOSPITAL**

**(NOTICE INVITING TENDER)**

**ENQ. NO. MED/ HR/BIOCHEMISTRY ANALYZER/M-01 Dated: 13/08/2021**

To,

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**SUB: NOTICE INVITING TENDER FOR ENTERING INTO RATE CONTRACT OF BIOCHEMISTRY ANALYSER MACHINE WITH ITS REAGENTS ON COS PER TEST BASIS.**

Dear Madam/Sir,

Kasturba Hospital, BHEL Bhopal invites Sealed Tenders from reputed vendors for **establishing rate contract for supply of Biochemistry Analyzer Machine with its reagent in Pathology department of Kasturba Hospital BHEL, Bhopal** through works contract for a period of four years from the date of installation of Biochemistry Analyzer along with all necessary accessories under the following scope of work and terms and condition. The bid will be in two-part system (one is the Techno- Commercial Bid and the other one is Price Bid.)

Interested parties must submit the Techno- Commercial Bid and Price Bid in two separate sealed envelopes clearly mentioning over them (Techno commercial Bid and Price Bid Then both these envelopes should be kept in one single envelop respectively, mentioning "for Supply of Biochemistry Analyzer Machine NIT-No. **MED/HR/Biochemistry Analyzer/M-01**. Price bid of the technically qualifying bidders will only be opened for further processing and others will not be considered.

**1. Scope of work:**

Providing Biochemistry Analyzer Machine with its reagents to be used in Pathology Department of Kasturba Hospital BHEL, Bhopal as per Specification as mentioned below with reagents, printers and its cartridge for generation of reports.

## 2. TECHNICAL SPECIFICATION FOR BIOCHEMISTRY ANALYZER

The supplier shall place FDA approved Fully Automated Biochemistry Analyzer with its reagent at Pathology Lab, Kasturba Hospital, BHEL, Bhopal complying to the minimum technical specifications as under:

S. No	Specification	Supplier's compliance / deviations (if any)
1.1	<b>Equipment description:-</b> Brand New Fully automated random access Biochemistry Analyzer System capable of doing Biochemistry investigations (as listed in Annexure-A) in human blood with ISE.	
1.2	Month and Year of manufacturing of machine should be indicated. Manufacturing date should not be older than 9 months as on Part-1 bid opening date. Brochure of Analyzer proposed to be installed to be attached.	
1.3	<b>Sample Type:-</b> Machine should accept samples in the form of Serum Plasma, Whole blood, Urine or any other human body fluid like CSF etc.	
1.4	<b>Sample collection</b> – should be directly through primary tubes not from sample cups.	
1.5	<b>Throughput:-</b> A minimum throughput of <b>200</b> tests per hour with ISE.	
1.6	<b>Reagent Position:-</b> Refrigerated several reagent position should be available in minimum 40 positons. Heaving flexibility to increase more reagent position.	
1.7	Sample Position Capacity for loading of minimum <b>60</b> samples at any time.	
1.8	Heaving flexibility to increase sample position and separate position for paediatric and stat sample.	
1.9	Chamber for ISE-Na, K	
1.10	Inventory features- Inventory of samples/reagents through PC.	
1.11	a) Machine should have on-board computer with storage capacity to store minimum 1 Lac test data. b) Patients wise report should be generated at the end of each test c) patients specific search function should be available. d) System should be compatible with Laboratory Information System (LIS) software.	
1.12	Machine should have facility for external printer for printing reports. Compatible printer should also be supplied.	
1.13	Machine Should be USFDA/CE (EEA)/ISO/ICMED13485 approved. Supportive document must be attached.	

**3. Other Requirements:** Bidders are advised to visit Kasturba hospital (before bidding) for assessment of available infrastructure.

S. No	Requirement	Bidder's compliance
2.1	<b>Portable water is available at our place.</b> Deionised water plant (if required by machine) to be installed and maintained by the supplier themselves.	
2.2	System should be supplied along with a suitable UPS (Uninterrupted Power Supply) System.	
2.3	External QC program - Registration and participation in external quality control assessment scheme including certification must be done by the party free of cost.	
2.4	All calibrations and controls or any other item required for operation of machine needs to be supplied by the party free of Cost. It may be noted that controls to be done daily in the machine and calibration to be done whenever reading goes out of range. Controls shall be supplied by a qualified provider of QC material.	
2.5	Reagents should be supplied in original sealed pack only.	
2.6	Principal manufacture must have their service centre in MP.	
2.7	The Agency supplying the instrument should have a good track record and excellent service and distributor network in MP. Documentary proof to be provided.	
2.8	Engineering and application support should be compulsorily MP based. List of hospital / Lab where machine of same capacity is installed in MP must be provided.	
2.9	A compatible laser printer for A4 size printing to be provided. All Consumables required for laser printing including cartridge and A4 size normal printing paper to be supplied by the party.	
2.10	The Agency shall provide onsite training on the equipment.	
2.11	The Agency shall provide Comprehensive maintenance (Including Spares) of the machine with no additional cost for contracted period.	

4. Hospital reserves the right to reject the Rate Contract any time at its discretion without assigning any reason or to allot supply to one firm.
5. Stock of the reagent for 3 months shall be provided in advance by the party at the time of installation of machine. The reagents should be supplied on as and when required basis. Requirement of the reagents and control will be given via e-mail. All the reagents and controls needed to be supplied within 15 days from the date of requisition. Any delay in supply will attract penalty of Rs. 6000/- per day (estimated price of one day).
  - a) In case of breakdown of Biochemistry Analyzer Machine or / non supply of its reagents and consumable for printing of reports, the penalty equivalent to double the total cost of average investigations done on each day may be deducted from RA bill of service provider.
  - b) In case of breakdown to avoid any problem in patient's care party should make alternative arrangement for doing test outside at his own cost.

## 6. **Qualifying Criteria:**

- a) The tenderer should successfully executed the work of supplying Biochemistry Analyzer Machine in minimum two Hospitals having 30 or more beds capacity for a period of one year during last seven years in Madhya Pradesh (MP). Satisfactorily work experience/ work completion certificate of one year obtained from private Hospitals shall also be eligible for consideration. However, in such cases, necessary supporting documents such as TDS certificate, payment details etc. may have to be submitted to the deptt.
- b) The similar nature of work means providing machines with similar specifications to hospitals located in Madhya Pradesh for at least period of one year.

7. **Earnest Money Deposit (EMD):** The tender is to be submitted essentially with Earnest Money Deposit (EMD). The amount of fresh EMD, will be Rs. 1,74,725/-. One time EMD in a unit (for exemption from payment of EMD with each tender in that unit) is Rs. Five Lakhs.

## 8. **EMD amount may be submitted through following mode:**

- (i) **Cash deposit as permissible under the extant Income Tax Act (before tender opening)**
- (ii) **Electronic Fund Transfer credited in BHEL account (before tender opening)**
- (iii) **Banker's cheque/ Pay Order/ Demand draft, in favour of BHEL (along with offer)**
- (iv) **Fixed Deposit Receipt (FDR) issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL)**

In digital mode the payment should be made in BHEL Bhopal A/c (details mentioned in Annexure – X). Tender without EMD shall be rejected. No interest will be payable on EMD amount. The offer may please be sent in name of “Dr Alpana Tiwari (AGM) & I/C Pathology” to the following address: -

**Tender Room,  
Ground Floor  
Administrative Building BHEL,  
Piplani, Bhopal- 462022**

latest by 06/09/2021 at 11:00 AM and the technical bid will be opened on the same day at 2:00 PM for which the tender should be dropped in **Tender Box for Works Contract** placed in Tender Room, Ground Floor, Administrative Building, BHEL Bhopal.

**TENDER COST:** Rs. 1000/- + GST extra (non –refundable) payable online at E-Payment (NEFT/RTGS/NETBANKING/SB COLLECT etc) link (details mentioned in Annexure-X) on [www.bhelbpl.co.in](http://www.bhelbpl.co.in) and attach proof of the payment. For SB Collect/ Net Banking payment refer following link: <http://www.bhelbpl.co.in/qcins/iccs.htm>.

9. **Techno-commercial Bid in Annexure – I & Price Bid in Annexure – II should be submitted in 2 separate sealed envelopes clearly mentioning on the top of the envelopes as “I – Techno commercial Bid” & “II – Price Bid”**
10. The EMD of the unsuccessful bidder will be refunded soon after award of tender and after completing due formalities as per BHEL norms. EMD of successful bidder shall be adjusted against the security deposit.
11. **Security Deposit (SD):** The total amount of Security Deposit 3% of the contract value will be submitted from successful bidder before start of work.  
  
SD may be deposited in electronic mode as per BHEL norms or in the form of Bank Guarantee/Fixed Deposit/ Securities pledged in favour of BHEL.  
  
At least 50% of the required Security Deposit, including EMD, should be collected before start of the work. Balance of the Security Deposit can be collected by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.
12. BHEL Bhopal reserves the right to accept or reject any/all quotation without assigning any reason whatsoever.
12. Bidder shall sign each page of quotation and any addition/deletion if any, shall be counter signed. Incomplete or unsigned quotation is liable to be rejected.
13. **The award of the work will be for a period of Four years.**
14. The contractors will be responsible for enforcing all safety regulations applications to carry out investigation installation and equipment etc.
15. Monthly consolidated bills will be submitted by the party.
16. The bill should be submitted by the Party on monthly basis and payments will be made as within 60 days and for MSME parties the payment will be made within 45 days of submission of bills with all required documents. GST shall be payable extra as applicable. All payments shall be released through electronic – pay mode only.
17. The rate quoted by tenderer is inclusive of supply of Biochemistry Analyzer Machine, its installation, cost of reagents with set of controls, cost of annual maintenance contract, supply of printer & its cartridge, training of technician of Kasturba Hospital etc.
18. The precaution should be taken while filling the Price Bid format. In case of overwriting in Price Bid format, the tender/offer submitted by the party will be rejected.
19. Income Tax shall be deducted at source (TDS) as per Income Tax Act.
20. No interest shall be payable by BHEL on Earnest Money, Security Deposit or on any money due to the firm by BHEL.
21. The contract is liable to be terminated for unsatisfactory performance and security deposit will be forfeited.

22. Any financial involvement in this process if needed shall be borne by party.
23. All consumables printer cartridge, reagents for report generation etc. necessary for investigations and report generation must be provided by party at no extra cost.
24. Machine should be installed within six weeks of receiving work order. In case of delay Rs. 6000/- (estimated cost per day) per day may be imposed for number of days delay in installation of machine in Kasturba Hospital.
25. **Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signatures(s) of persons(s) signing the bid else bid shall be liable for rejection.**
26. In case more than one bidder emerges as L-1 the evaluation criteria will be on the basis of the following order:- "In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L-1 bidder(s) or their representatives(s). Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding."
27. Price Bid (Annexure-III) must contain the rates of each investigation as per enclosed in Annexure-I.
28. **ARBITRATION AND GOVERNING LAW:** All disputes arising in connection with the contract shall be settled by mutual consultation. If no agreement is reached the dispute shall be settled in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the rules made thereunder. The dispute shall be referred for arbitration to any arbitrator to be appointed by the Head of the Unit. The award of the arbitrator shall be final and binding on both the Parties. The venue of the Arbitration shall be Bhopal in India. The Award to be given by the Arbitration shall be a speaking award. All questions, disputes, differences arising under, out of or in connection with this contract shall be to the exclusive jurisdiction of Bhopal Courts.

## **29. CONCILIATION CLAUSE FOR CONDUCTING CONCILIATION PROCEEDINGS**

The Parties agree that if at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract or the Memorandum of Understanding (delete whichever is inapplicable), which the Parties are unable to settle mutually), arise inter-se the Parties, the same may, be referred by either party to Conciliation to be conducted through Independent Experts Committee to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators.

### **Notes:**

- a) No serving or a retired employee of BHEL/Administrative Ministry of BHEL shall be included in the BHEL Panel of Conciliators.
- b) Any other person(s) can be appointed as Conciliator(s) who is/are mutually agreeable to both the parties from outside the BHEL Panel of Conciliators.

The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in Annexure to this GCC.

The Annexure together with it's appendices will be treated as if the same is part and parcel hereof and shall be as effectual as if set out herein in these GCC.

**(Dr. N.S. Hemrom)**  
**Sr. DGM (Medical)**  
**Kasturba Hospital**  
**BHEL, BHOPAL**

## **GST**

1. Wherever bidders are required to supply services at project site Party has to submit GST registration no. of the State in which project site is located along with copy of registration certificate at the time of submission of Bid. In case the same is not available at the time of submission of bid, the contractor has to give an undertaking that the same will be arranged before award of work order.
2. HSN Code/SAC, rate of tax under GST and applicable GST (IGST, CGST/SGST/UGST) and GSTIN shall be clearly mentioned by the Bidder.
3. GST portion of the **invoice shall be released only upon :-**
  - 2.2.1 All invoices raised by contractors/vendors must be GST compliant Tax invoices as per GST invoice rules.
  - 2.2.2 Contractor declaring such invoice in his GSTR-1 or any modified return as notified by government.
  - 2.2.3 Receipt of good/services and Tax Invoice by BHEL and
  - 2.2.4 Confirmation of payment of GST thereon by contractor on GSTN portal
  - 2.2.5 Alternatively, Contractor has to submit BG of appropriate value which shall be valid at least one month after the confirmation of date of payment of GST by contractor on GSTN portal and receipt of Tax invoice and receipt of services, whichever is later. Contractor has to give an undertaking in this regard.
  - 2.2.6 Contractor has to give an undertaking to BHEL that they have declared invoice in his return and paying GST within timeline prescribed for availing ITC by BHEL in available.

Payment to Contractor for GST portion will be released only after completion of above activity and on availment of ITC by BHEL.

4. In case GST credit is delayed/denied to BHEL due to non/delayed receipt of services/goods and / or tax invoice or expiry of the timeline prescribed in GST Law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from the contractor along with interest levied/ leviable on BHEL.
5. **Reverse Charge under GST**
  - 5A. In respect of services, reverse charge liability shall arise at the earliest of date of payment to services provider or 60 days from the date of issue of invoice by service provider. Contractor has to submit bill for payment within 30 days from the date of invoice. Any interest or penalty implications attributable to the contractor shall be recovered from them.
  - 5B. Any GST liability arising on BHEL under reverse charge before actual receipt of goods and/or invoice thereof would be subject to recovery of interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of invoices and other condition specified in GST Law.



### **Liquidated Damage/Penalty**

6. Liquidated damage (LD) or Penalty if chargeable from suppliers/contractors as per NIT, applicable GST will be charged in addition to the same.

### **Tax Deduction at source**

7. TDS as per extent provisions of the GST Law shall be deducted from supplier/contractor bill.

Encl:-

Annexure – I	Techno Commercial Bid
Annexure – II	Price Bid
Annexure – II	Check List

Thanking You,

*I/we hereby confirm that we have read and understood all above Terms & conditions and we agree to abide all of these.*

*Date:* \_\_\_\_\_

*Place* \_\_\_\_\_

*Bidder's signature & seal*

**ANNEXURE-III****CHECKLIST & SCHEDULE OF GENERAL PARTICULARS**

NOTE: Bidder shall fill in the following details and no column should be left blank.

1.	Name & Address of the Bidder	
2.	Fax / E-Mail Address	
3.	Name & designation & contact phone No. of the official of the tenderer to whom all the references shall be made.	
4.	Contact phone/Mobile No. of the official of the tenderer to whom all the references shall be made.	
5.	PAN No.	
6.	GST Registration No. if applicable, (Photocopy to be enclosed)	
7.	Whether Tender fee submitted (Through e-payment).Please submit the receipt of e-payment)	
8.	Whether EMD submitted (Through e-payment).Please submit the receipt of e-payment)	
9.	Validity of offer / rates quoted for three months from the date of opening of tender	
10.	Details of Experience	

# **TENDER SPECIFICATION**

**NIT NO. MED/ HR/BIOCHEMISTRY ANALYZER/M-01**

**FOR**

**KASTURBA HOSPITAL, BHEL BHOPAL**

**TECHNO – COMMERCIAL BID**



**KASTURBA HOSPITAL  
MEDICAL DEPARTMENT**

**BHARAT HEAVY ELECTRICALS LIMITED  
(A Government of India Undertaking)  
BHOPAL – 462022 (M. P)**

## ANNEXURE-I

### TECHNO-COMMERCIAL BID FOR ESTABLISHING RATE CONTRACT FOR SUPPLY OF BIOCHEMISTRY ANALYZER MACHINE WITH ITS REAGENTS IN KASTURBA HOSPITAL, BHEL, BHOPAL

1	Name and detail address of the party submitting tender for the above work.	
2	Make and Model of Machine including Brochure of Analyzer proposed to be installed to be attached	
3	Name, address and telephone No. of the hospital, where such services were provided by the contractor.	
4	Bed Strength of the hospital / hospitals in which the services were provided.	
5	All other statutory documents mentioned in Annexure-III of NIT must be enclosed along with the techno-commercial bid.	
6	Number of year of experience in providing Biochemistry Analyzer Machine in Hospitals having capacity of 30 or more beds located in M.P. as defined in the Scope of work during last 7 years. (Work completion certificate to be attached along with this bid).	
7	EMD cost Rs. 1,74,725/- in the digital mode (details mentioned in Annexure-X) in BHEL account and receipt must be enclosed with Techno Commercial Bid. One time EMD in BHEL Bhopal shall be Rs 5 lakhs.	
8	Tender cost Rs.1,000/- in the digital mode ( <b>details mentioned in Annexure-X</b> ) in favour of BHEL Bhopal, receipt should be enclosed with techno-commercial bid.	
9	Biochemistry Analyzer Machine should be New State of Art fully automatic random access with latest PC	
10	Biochemistry Analyzer Machine should be Refrigerated several reagent position should be available in minimum 40 position. Having flexibility to increase more reagent position	
11	Biochemistry Analyzer should have unlimited stat position for sample.	
12	Biochemistry Analyzer should have minimum no. of sample 60 position. Having flexibility to increase sample position and separate position for paediatric and stat samples.	
13	Biochemistry Analyzer Machine should have collect directly through primary tubes not from sample cups.	
14	Biochemistry Analyzer Machine should have Inventory of sample/reagents through PC	
15	Biochemistry Analyzer should given parameters or more list of test to be carried out as per Annexure-II	

16	Biochemistry Analyzer should have minimum 1 lac patient data storage capacity for monitoring patients past reports	
17	Analyzer should have open vial system and cap piercing system both.	
18	Biochemistry Analyzer throughput should be minimum 200 samples/ hour by photometric method with ISE.	
19	Reagent should be imported system pack and should be supplied in original sealed pack only.	
20	Engineering and application support should be compulsory at Bhopal	
21	All calibration and controls required to be supplied by the party	
22	Firm must provide complete training initially at regular interval with supporting documents for proposed model.	
23	Machine should be USFDA/CE (EEA)/ISO/ICMED 13485 approved. Supportive document must be attached.	
24	Detail of reagents to be used in the analyzer must be provided	
25	The party should provide UPS compatible with analyzer	
26	LIS facility should be there for Biochemistry Analyzer.	
27	Suitable laser printer of reputed brands and all consumables required for laser printing including cartridge and A4 size normal printing paper to be provided by the party.	
28	Biochemistry Analyzer should have excellent linearity and precision for all parameters	
29	Biochemistry Analyzer should have flagging system for abnormal result	

**Signature of the Contractor**

**Date:**

**With seal of the Company / Firm**

# **TENDER SPECIFICATION**

**NIT NO. MED/ HR/Biochemistry/M-01**

**FOR**

**KASTURBA HOSPITAL, BHEL BHOPAL**

**COMMERCIAL BID**



**KASTURBA HOSPITAL  
MEDICAL DEPARTMENT**

**BHARAT HEAVY ELECTRICALS LIMITED**

**(A Government of India Undertaking)**

**BHOPAL – 462022 (M. P)**

**NIT NO. MED/ HR/Biochemistry/M-01****PRICE BID**

WORKS CONTRACT FOR SUPPLY OF BIOCHEMISTRY ANALYZER MACHINE WITH ITS REAGENT ON PER SAMPLE RATES IN KASTURBA HOSPITAL, BHEL, BHOPAL

NAME OF THE PARTY				
ADDRESS				
EMAIL / FAX/ TELEPHONE NO.				
MAKE AND MODEL OF MACHINE				
SI No.	Name of Investigations to be done	Total estimated sample for a period of 4 years	Rate per Investigation (Rs.)	Total Amount (Rs.)
1	Blood glucose	160588		
2	Blood Urea	152740		
3	Sr. Creatinine	152740		
4	Cholesterol	5764		
5	Total Bilirubin	122792		
6	Direct Bilirubin	65368		
7	SGPT	122792		
8	SGOT	122792		
9	Alkaline Phosphatase	122792		
10	Sr. Phosphorus	11148		
11	Uric Acid	27036		
12	CKMB	6716		
13	Sr. Protein	14172		
14	Sr. Albumin	14172		
15	Sr. Amylase	6984		

16	Sr. Calcium	21444		
17	Sr. Lipase	400		
18	TIBC	600		
19	Sr. Iron	600		
20	ADA Fluid/Blood	200		
21	Na	28000		
22	K	28000		
23	Sr. Mg.	80		
24	S. Total Cholesterol	20000		
25	S. Triglyceride	20000		
26	S. LDL	20000		
27	S. HDL	20000		
28	CRP	8000		
29	LDH	4000		
30	HbA1C	4000		
31	Micro albuminuria	800		
32	Sr. Ferritine	4000		
<b>TOTAL AMOUNT IN (Rs.)</b>				

RATES QUOTED SHALL BE FIRM THROUGH OUT CONTRACT PERIOD

GST SHALL BE PAID EXTRA AS APPLICABLE.

**(SEAL & SIGNATURE OF THE BIDDER)**

PLACE:

DATE:





## भारत हेवी इलेक्ट्रिकल्स लिमिटेड, भोपाल

(भारत सरकार का उपक्रम)

**Bharat Heavy Electricals Limited, Bhopal**

(A Govt. of India undertaking)

उत्कृष्टता की ओर अग्रसर

"Marching Towards Business Excellence"

### TO WHOM SO EVER IS CONCERNED.

Details for receiving Bank Account for NEFT/RTGS payment.

1. Name of Beneficiary : BHARAT HEAVY ELECTRICALS LTD.
2. Name of the Bank : State Bank of India
3. Bank of Branch Address : HET, Piplani, Bhopal (M.P.)-462021
4. Account No. : 30855948540
5. IFSC Code : SBIN0000519
6. MICR : 462002011
7. Title of Account : Current Account
8. PAN No. : AAACB4146P

Place: Bhopal

Date : 19-01-2016

*Onk*  
19.1.16  
चेतन मेहर  
Signature & Seal  
Sr. Manager (Finance)  
BHEL, Bhopal

We certify that the above bank details are correct as per our record.

Banker Signature & Seal  
*S.K. JAIN*  
19.1.16  
SBN-2917

भोपाल : 462022, दूरभाष : 2500100 (7 लाईन्स), फैक्स : 0755 - 2500425, तार : भारतइलेक  
Bhopal : 462022, Phone : 2500100 (7 Lines), Fax : 0755 - 2500425, Gram : BHARATELEC  
WEB SITE ADDRESS : www.bhelbhopal.com