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Sub: Procurement of "Pre-Clinical medical equipment and consumables for the department of **Biochemistry** for AIIMS Nagpur and Mangalagiri for and on behalf of Ministry of Health & Family Welfare Govt. of India.

Ref: Short Limited Tender enquiry no. HITES/PCD/AIIMS-IV/05-LTE/18-19 dated 09/07/2018

Sealed quotations are invited from the bonafide suppliers/ authorized representative having experience in the field of supplying and installation of medical equipment and consumables under scope of the referred tender enquiry.

It is requested to quote item wise price in a single bid only.

The rate of the required goods should be quoted as per the technical specification, and other terms & conditions attached with this limited tender enquiry document.

It is requested to quote the best possible price. The quotations in a sealed envelope should reach the address on or before the stipulated date and time as mentioned in the Tender Enquiry Document enclosed herein.

Thanking You For HLL Infra Tech Services Limited Head (P&CD)

Encl: Short Limited Tender Enquiry Document

Tender Enquiry No.: HITES/PCD/ PMSSY AIIMS-IV/05-LTE/18-19/ Date: 09/07/2018

# **SHORT LIMITED TENDER ENQUIRY**

Procurement & Consultancy Services Division of HLL Infra Tech Services Limited (HITES), for and on behalf of Ministry of Health & Family Welfare GOI for AIIMS Nagpur and Mangalagiri invites sealed tenders, from eligible and qualified tenderers for supply and installation of Medical Equipment and consumables. Eligible bidders are requested to submit their best offer along with complete technical details in line with the commercial Terms & Conditions as detailed below read with Annexure I to V.

# **❖** <u>INSTRUCTIONS TO BIDDER (</u>ITB)

**1.0** All quotation/s and subsequent Correspondence should be sent to the address given below:

Head (P&CD),

HLL Infra Tech Services Limited (HITES),

Procurement & Consultancy Services Division

B-14A, Sector-62, Noida-201 307

Phone: 0120-4071500; Fax: 0120-4071513 pcd@hllhites.com, bmenoida@hllhites.com

Note: Bidders not received any direct enquiry from HLL/ HITES may participate in this tender by downloading the Tender Enquiry from the website <a href="www.lifecarehll.com">www.lifecarehll.com</a>, www.hllhites.com or www.eprocure.gov.in/cppp with prior intimation to the above address.

**2.0 Item wise quotations** for all the line items as mentioned in the list of requirement shall be submitted in single bid (envelope) system only.

The envelope shall be superscribed with "Tender No. & Date of Opening" and "Quotations for Supply and Installation of Medical Equipment and Consumables to AIIMS Nagpur and Mangalagiri".

The signed copy of Tender Enquiry Document and shall contain EMD in the form of DD of Rs. 25,000/- in favour of the "HLL Infra Tech Services Limited" payable at New Delhi along with other relevant documents mentioned herein.

Tender/s received in any other mode is liable to be summarily rejected.

- **Tender should reach this office on or before 13.07.2018 upto 2.30 PM**. Technical bids shall be opened on the same day at 2.45PM, in presence of the representative of firm(s) who may choose to be present. Price bids of techno-commercial responsive bidders shall be opened later on with intimation to techno-commercial responsive bidders.
- 4.0 In the event of any of the above mentioned dates being declared as a holiday/closed day for the Tender inviting organization, the tenders will be received/opened on the next working day at the appointed time.
- **5.0** Late tender/ telegraphic tenders & tenders over email shall not be considered and no claim, whatsoever will be accepted.

#### **6.0 TENDER VALIDITY:**

The Rates should be valid for acceptance of order at least for **90 days** from the date of opening of tender.

- 7.0 The tenderer should sign & stamp each page of this tender enquiry document as a token of having read & understood the terms & conditions contained herein.
- 8.0 The tenderer shall submit an affidavit as per format given in Annexure-V
- 9.0 The Manufacturer or their Authorised dealer or their agent can participate in this tender.
- 10.0 The bidder shall provide documentary evidence w.r.t their past major successful supplies/installations of similar products. The copies of latest/recent Supply orders may be attached along with the tender.

#### 11.0 PRICES:

- Prices quoted in INR only and should be 'Firm & Final' for full quantity and for all line items, inclusive of all taxes / levies prepaid up to consignee end, inclusive of all charges like packing & forwarding, loading, unloading, transit insurance, all duties & taxes, any other incidental expenses, installation and commissioning of the equipment at consignee site. Accepting all tender terms and conditions like warranty and delivery, the Lowest price including all line items quoted by bidder at consignee site will be considered as L1 and will be recommended for award of work.
- In case the quotation does not indicate clearly whether the Prices are firm or not, the quoted Price shall be deemed as firm & final. The overwriting should be avoided in the quotation.
- A certificate indicating that the rates quoted are same as charged to other Govt./PSU's for similar supplies made in recent past should accompany the tender.

## Prices should be quoted clearly as per Price Schedule in Annexure-III.

# 13.0 PRODUCT SPECIFICATIONS:

- **Brand/model** name and type of Product being offered by the Firm must be clearly mentioned in the offer.
- Tenderer should confirm that the stores offered conform strictly to relevant specifications asked in this Tender Enquiry Document at **Annexure-II**.
- Deviations, if any, are to be clearly mentioned. Complete product specifications, technical details, illustrations, literature, printed pamphlets/leaflets etc. must accompany the quotation.
- 14.0 Unless specifically mentioned to the contrary in the offer itself, it will be assumed that all terms and conditions mentioned in this enquiry are acceptable to the tenderer.
- 15.0 The tender quotation of the Supplier not in conformity with the above conditions is liable to be rejected.
- **16.0** HITES reserves the right to reject or accept any or all tender(s) without assigning any reason or to place the order for part or full quantity.
- 17.0 The firms are advised to submit the compliance statement with respect to technical specification asked in the tender enquiry in the following format along with Technical bid failing which their offer will be treated as incomplete and are liable to be ignored.

Format of compliance statement:

Para of specificatio		Enquiry	-	In case of non Compliance deviation From T/E Specification to be indicated in Unambiguous terms
			Yes/ No	
	(1)		(2)	(3)

**18.0** Bidders may please note that complete Tender Enquiry Document is available on our website <a href="http://www.lifecarehll.com/tender">http://www.lifecarehll.com/tender</a>, www.hllhites.com or www.eprocure.gov.in/cppp and submit its tender by utilizing the downloaded document.

# **❖** GENERAL CONDITIONS OF THE CONTRACT (GCC)

#### 1.0 PERFORMANCE BANK GUARANTEE

Upon issue of notification of award by the Purchaser/Consignee, the supplier, shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations, initially valid for a period of minimum six months plus number of months under warranty from the date of Notification of Award.

The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:

It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any Scheduled bank in India or Bank Guarantee issued by a Scheduled bank in India in favour of the Purchaser/Consignee. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to sixty (60) days beyond Warranty Period.

In the event of any failure /default of the supplier with or without any quantifiable loss to the government, the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.

#### 2.0 INSPECTION:

The purchaser reserves the right for inspection and testing the quality & standards of the stores for assessment of quality before dispatch to the consignees or at the consignee end wherever required.

# 3.0 DELIVERY PERIOD FOR SUPPLY, INSTALLATION & COMMISIONING:

In the event of placement of Supply order, the bidder shall supply the stores within 10 days of order. The time and date of delivery stipulated in List of Requirements, Annexure-I

The delay on the part of supplier in regard to installation will attract the provisions of liquidity damages clause.

## **4.0 LIQUIDATED DAMAGES:**

In the event of placement of an order, if the Supplier fails to deliver, install and commission the stores in full or part thereof with in the delivery period as stipulated in Clause 2.0 above, the Purchaser reserves the right to levy Liquidated Damages @ 0.5% per week of the amount of the undelivered stores for delay in supplies subject to maximum 10% of value of the supply Order. Once the maximum is reached, the purchaser may consider termination of the contract and purchase the same from elsewhere, at the risk and cost of the Supplier.

## 5.0 PAYMENT FOR SUPPLY PORTION:

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

# (A) On delivery:

100% payment of the contract price shall be made on receipt of goods in good condition and upon the submission of the following documents:

- (i) Three copies of supplier's invoice showing supply order number, goods description, quantity, unit price and total amount
- (ii) Consignee Receipt Certificate in original issued by the authorized representative of the consignee(s) (Format attached as **Annexure-IV**)
- (iii) Warranty Certificate
- (iv) Inspection Certificate by the designated authority
- (v) Country of origin in case the item is of foreign origin

## **6.0 TRANSIT INSURANCE:**

Rates quoted being door delivery basis, the Supplier shall be fully responsible till full material is received in good condition up to destination and its commission. As such the Supplier shall dispatch the material duly insured and expenses on this account shall be borne by the Supplier.

#### **7.0 WARRANTY:**

- (a) Products to be offered as per 'LIST OF REQUIREMENT' shall be warranted as per the standard warranty of the manufacturer.
- (b) The Supplier shall be responsible to replace the material free of cost at site in whole or in part if found defective in any respect after receipt at site or during normal & proper usage or storage/maintenance for which the Consignee/Purchaser shall give prompt written notice. Such replacements shall be effected by the Supplier within a reasonable time actually required to do so which in no case shall be more than 15 days.
- (c) If the Supplier fails to act with requisite promptness and thereby entails avoidable loss to the purchaser, it shall be liable to suitable action as deemed fit during the Operative Warranty period

## **7.0 FORCE MAJEURE**:

If at any time, during the currency of the contract, the performance in whole or in part by either party or any obligation under this contract shall be prevented or delayed by reason of any war, hostility, acts of public enmity, civil commotion, sabotages, fires, floods, explosions, epidemics, quarantines, restrictions, strikes, lock outs or acts of God (herein after referred to as 'the events') then provided, neither party has any claim for damage against the other in respect of such non-performance or delays in performance, deliveries under the contract shall be resumed as soon as possible if any of the events have ceased to exist within one month of expiry of contract delivery period. After this, the purchaser may cancel the contract at its discretion without any financial repercussion on either side.

# 8.0 APPLICABLE LAW & RESOLUTION OF DISPUTES:

The contract shall be governed by and interpreted in accordance with the laws of India for the time being in force. Any dispute arising out of or in connection with this tender, Jurisdiction of the court will be at New Delhi, India.

#### **ANNEXURE-I**

# **LIST OF REQUIREMENTS**

#### Part I:

Sl. No	Name of the Item	Quantity per AIIMS (Nos.)	Warranty
1	INSTRUMENTS & GLASSWARE	As detailed in Annexure II	NA
2	CHEMICALS	As detailed in Annexure II	NA
3	LIQUIDS	As detailed in Annexure II	NA
4	Digital Colorimeters	5	02 years
5	Densitometer with computer	1	02 years
6	Vortex mixers	2	02 years
7	Semi Autoanalyser	2	02 years
8	MICRO BALANCE	1	02 years

(Quantity shown above is for 01 AIIMS. Bidders are required to quote the price for 01 AIIMS as per quantity provided above. However, order will be placed for 02 institutes. Bidders are requested to quote for all the line items as per list of requirement.)

# Part II: Required Delivery Schedule:

Delivery shall be within **10 days** from date of Purchase Order and installation shall be completed in all respect within **7** days from handing over the site.

The date of delivery will be the date on which the goods are delivered at the consignee's site (Tenderers may quote earliest delivery period).

#### Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run, Training for operation and trouble shooting to the operators of the Consignee.

#### **Part IV:**

On site standard manufacturer's warranty, from the date of supply. The supplier shall keep sufficient stock of spares for repair / replacement against warranty during warranty period.

#### Part V:

# Required Terms of Delivery and Destination.

Delivery required at Consignee Site at:

AIIMS Nagpur/ Mangalagiri

In Transit Insurance and insurance until installation of the supply at the consignee site is sellers responsibility and shall be borne by the Supplier.

# **ANNEXURE-II**

# **TECHNICAL SPECIFICATIONS**

# Schedule no. 1

# **INSTRUMENTS & GLASSWARE**

Sl.No.	Description	Quantity
1	TEST TUBE	1500 Pcs
2	Test Tube holder	100 pcs
3	Glass Rods	100 pcs
4	Test Tube stands	100 pcs
5	Spatulas	100 pcs
6	Test Tube brushes	100 pcs
7	Funnels	100 pcs
8	Droppers	100 pcs
9	Whatmann Filter Paper	100 sheets
10	Cover Slips 4 Boxes(10 in each box)	40
11	Glass Slides	2 Boxes
12	Urinometer	1no
13	Litmas Paper	50 boxes
14	Stoves (Single Burners)	10 nos
15	Volumetric Flasks 100 ml	4 nos
16	Volumetric Flasks 1 ltr	4 nos
17	Volumetric Flasks 1/2 Ltr	2 nos
18	Boiling Kettles	4 nos
19	Pippetts	10 nos
20	Beakers 2 Ltr	5 nos
21	Beakers 1/2 Ltr	5 nos
22	Glass Rods	100 nos
23	Centrifuges	4 nos
24	Colorimeters	4 nos

# Schedule no. 2

# **CHEMICALS**

Sl.No.	Description	Quantity
1	Ammonium Sulphate	20 kgs
2	Sodium Nitrate	5 Kgs
3	Sodium Hydroxide pellets	50 Kgs
4	Cupric Acetate	10 kgs
5	Copper Sulphate	5 Kgs
6	Sodium Citrate	30 Kgs
7	Sodium Carbonate	10 kgs
8	Glucose, Fructose, Lactose & Sucrose	5 Bottles
9	a-Napthol	50 gms

10	Urea	5 Kgs
11	Stannous Chloride	50 gms
12	Resorcinol	500 gms
13	Phenylhydrazine chlorode	1 Bottle
14	Sodium Acetate	1 Bottle
15	Caesin, Peptones, Gelatin	Each 2 Kgs
16	Chlorophenol red	50 gms
17	Bromosresol Green	50 gms
18	Mercuric Sulphate	1 kg
19	Lead acetate	1 Kg
20	Ninhydrin	100 gms
21	ammonium Molybdate	500 gms
22	Uric Acid, creatinine Power	Each 200gms
23	Horse Gram Powder	1/2 Kg
24	Sodium tungtate	100 gms
25	Arsenic acid	500 gms
26	Orthophosphoric Acid	5 Ltrs
27	Picric Acid	1 Kg
28	Silver Nitrate	100 gms
29	Barium Chloride	1 Kg
30	Potassium oxalates	250gms
31	Sulphosalicylic Acid	500 gms
32	Sodium Sulphate	1/2 kg
33	Sodium Nitriprusside	100 gms
34	Sulpher powder	500 gms
35	Fouchet's Reagent	5 lts
36	Ferric Chloride	1/2 kg
37	Trichlaroacetic Acid	100 gms
38	Diacetyl Monoxime	100 gms
39	Benzidine powder	200 gms
40	lodine	100 gms
41	Potassium Iodine	200gms
42	Potassium Sodium Tartarate	500 gms
43	Thiourea	250 gms
44	Ammonium Oxalate	250 gms

# Schedule no. 3

# **LIQUIDS**

Sl.No.	Description	Quantity
1	Acetic Acid	20 lts
2	Sulphuric Acid	4 Cans( 1 can@5 Lts)

3	HCL	15 Lts
4	Nitric Acid	5 Lts
5	Acetone	10 Lts
6	Liquor Ammonia	5 lts
7	Methanaol	5 lts
8	Ortho Toludine Reagent	2 Bottles ( 1 bottles@2.5 Lts)
9	Bromine Vials	4 Boxes (1 Box@5 vials)
10	Formalin	2 Bottles( 1 bottle@ 0.5 lts)

# Schedule no. 4

Digital Colorimeters
Fully Autiomated Digital Photo Diode based Colorimeter
Colorimeter with 8 glass filters ranging from 400 to 700 nm
Should consist of long lasting photo diode detector
Should have minimum sample volume of 1 ml
Should have renge of absorbance 0 to 1.99 and % transmittance 0 to 100%
Should have OD resolution of 0.01, 0.1 % T
Should have LED light source
Should have LED Display
Should have provided with 5 additional cuvette and cuvette stand/ case.
Should have cover with Cuvette holder.
Should have dust protection cover for the instrument.
Should have Input 160-260 V and output 220-240V and 50 Hz)
Should have provided battery backup
Should have ISO & CE or BIS approved product

# Schedule no. 5

# Gel scanning densitometer

Sl.no.	Description
	Computer controlled Chemiluminescence Western blot, Trans-UV for DNA, RNA
	gel and colorimetric protein gel imaging system with extensive analysis tool for
1	molecular weight calculation, band distance, colony counting, etc.
	System must allow for future upgrade for fluorescence based imaging and
	multiplexing application with the choice of UV, visible (Red, Green, Blue), near
2	IR, IR and deep IR spectral excitation.
	Scientific Grade CCD camera with sensor size of 1 inch and f0.84 aperture must
3	for high sensitivity and extremely high level of resolution
	Camera should give 6.3 megapixels native and 20 megapixels extended with
4	image resolution of 2838 x 2224 densities
	Camera must be a cooled CCD with -55°C maximum differential cooling from the
	ambient with -30°C absolute and regulated cooling by three stage peltier
5	thermoelectric cooler.
	Interface must be USB 3.0 for faster image transfer to help image before signal
6	gets weaker.
7	Should be a lab proof compact design, require minimal bench space, robust and

	chemical resistant system made of Stainless steel, aluminum or steel
	Superbright Technology to visualize faint bands thereby increased sensitivity
8	with no visible light background while performing gel documentation
	High sensitivity reading technology for isolation of the electronic components of
9	the camera during the light capture in order to avoid noise
	Should have smart auto exposure mode with optimum exposure time
10	calculation by the software based on the signal output from the sample
11	Software should provide options for 1x1, 2x2, 3x3, 4x4 binning.
12	4-position filter wheel allows for dye flexibility of different fluorescent stains.
	Pre-calibrated focus for all defined sample height. Easy and convenient
13	adjustment of lens settings
	Light safety switch override for safety and for preparative work when the door
14	is open
	Software should be provided for analysis and must include features for auto
15	exposure and 3D Dynamic scan.
	Software should have Apps Studio with library of applications for better ease of
16	use
17	Must include multiuser licensed image analysis software.
18	Suitable Stabilizer for smooth operation
	Optional accessories: The order placed would have a total of 0-5units of each
	type
	a) Interference Filter Emission maxima to acquire image from gel stained with
	dyes, Ethidium bromide, Gel Red, Gel Green, SYBR Green, SYBR Safe, lumitein,
	SYPRO Ruby, etc.
	b) UV / WL Conversion Screen
	c) A UV transilluminator of filter Size 21 x 26 cm having a 312nm wavelength
19	tube with separate stand-alone camera to capture the gel image.

## Schedule no. 6

## **Vortex Mixer**

Vortex Mixer, designed with a heavy cast aluminium body to provide optimum bench-top stability.

The mixer has two modes of operation: Continuous operation when you need to mix a quantity of tubes in sequence; intermittent operation is activated by topuching the cup attachment with a test tube.

Equipped with a single tube mixing cup for single tube mixing and a soft foam pad and mixing platform for mixing 1-4 test tubes simultaneously.

To be supplied with a fractional workable motor on 220V AC completed with indicator, plug & cord, speed 100-3000 rpm, dimensions (LxWxH) - 17.7x11.4x15.2 cms.

Should be FDA or CE or BIS approved product.

# Schedule no.7

SI. No	SEMI AUTO ANALYZER
1	The system should have Endpoint, kinetic, fixed time and turbidimetric mode.
	The system should also be capable of estimating Haemoglobin, Electrolyte, Immunoassay
2	turbidimetric assay etc.

3	The system should have tungsten halogen lamp with lamp saver facility.
4	The aspiration volume should be 250 ul to 750 ul.
5	Should have complete visual range.
6	The system should have memory at least 500 patient tests
7	System should have online graphic display of reaction second to second.
8	System should have index mode for calculation of LDL/VLDL/IRON TIBC and Bilirubin etc.
9	System should have previous blank and standard memory facility.
10	The system should be US FDA or CE approved.
11	Amended Para:
1	Should cover UV and complete visual spectrum
2	Should have internal (inbuilt) printer facility

Sl. No	Sch. No.08, MICRO BALANCE
1	Should have Readability of 1µg
2	Should have a weighing Capacity of minimum 0-20 gm
3	Linearity should be ± 10 μg
4	Repeatability should be atleast 1 µg
5	Should work on an operating temperature of 18-30 ° C
6	SS Pan Size ( diameter) : upto 40 mm×40 mm
7	Response time should be within 5-10 Seconds
8	Should have internal calibration facility
9	LCD screen for displaying measured values
10	Packing size: upto565 ×565×355
11	Should have Glass shield cabinet
12	Power supply : 230 V AC +/- 10% 50 Hz
13	Should be FDA or CE or BIS approved product

# **ANNEXURE-III**

# PRICE SCHEDULE PRICE SCHEDULE FOR DOMESTIC GOODS OR GOODS OF FOREIGN ORIGIN LOCATED WITHIN INDIA

1	2	3	4	5					6
Sr. No.	Brief	Country of	Quantity	Price per unit (Rs.)					Total Price (at
	Description	Origin	for 01	Ex-factory/ Ex-warehouse/	GST	Insurance	Any other	Unit Price (at	Consignee
	of Goods		AIIMS	Ex-showroom/ Off-the	[%age &	Charges	charges	Consignee Site)	Site) basis for
			(Nos.)	shelf	value]		(please	basis for <b>01</b>	01 AIIMS
				(Including discounts,			specify)	AIIMS	(Rs.)
				Packing/Forwarding, etc.)	(b)	(c)			
				(a)			(d)	(e) = a+b+c+d	4 x 5(e)
	Please quote s	separate pri	ces for all li	ne items as in List of requirer	ment/ Technic	cal Specification	n		
1									

Total Tender price in Rupee for 01 AIIMS:					
Total Tender price in Rupee for 02 AIIMS:					
In words:					
Note: -  If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.  Name					
	Business Address				
Place:	Signature of Tenderer				
Date:	Seal of the Tenderer				

# **Annexure-IV**

# **CONSIGNEE RECEIPT CERTIFICATE**(To be given by consignee's authorized representative)

The following store (s) has/have been received in good condition:

1) NOA No. & date

2) Supplier's Name

3) Consignee's Name & Address with telephone No. & Fax No.

4) Name of the item supplied/Installed

5) Quantity Supplied(as per packing list)

6) Date of Receipt by the Consignee

7) Name and designation of Authorized Representative of Consignee or Representative of Consignee with date

8) Signature of Consignee or Representative of Consignee with date

9) Seal of the Consignee

# Annexure- V

# DECLARATION REGARDING NON BLACK LISTING OF THE FIRM

I/We, (Name)	contractor/partner/sole proprietor (strik	contractor/partner/sole proprietor (strike out the word which is not				
	do hereby declare and					
individual firm/companies are not black-listed by the Union or state Government or any partne						
shareholder thereof are not direct my/our firm	ly or indirectly connected with or has any sub	sisting interest in business of				
		DEPONMENT				
	Address					
	e and affirm that the above declaration is true af it is false and nothing has been concealed.	and correct to the best of my				
Dated:						
		DEPONMENT				