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WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED
Through
United Nations Development Programme, New Delhi.

Invitation to Bid (ITB)

SUPPLY OF MEDICAL EQUIPMENT FOR HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL

ITB: UNDP-WBMSC-23-2013
Amendment-V, dated 19 February 2014

Reference:	**Wherever appearing in the bid document, the time, date for receipt and opening of bids shall be read as:**
Last Date, Time and E-mail ID of Receiving of Bids Electronically Official Address for e-submission:	**1000 Hrs. (IST) on February 28, 2014** **bids.dsc@undp.org**
Last Date, Time and Place of Receiving of Bids	**1300 Hrs. (IST) on February 28, 2014** **at United Nations Development Programme (UNDP), 55, Lodhi Estate, New Delhi-110003.**
Date, Time and Place of Bid Opening	**1430 Hrs. (IST) on February 28, 2014** **at United Nations Development Programme (UNDP), 55, Lodhi Estate, New Delhi-110003.**

The following amendments are hereby made to the Bid document for the *Supply of Medium Definition Echo Cardiography Machine with Colour Doppler & Paediatric TEE Probe*, with reference to above ITB:

Section 3a - Schedule of Requirements and Technical Specifications are hereby replaced as in Annexure below of this Amendment.

All other terms and conditions of the bid document, except as amended herein above, remain unaltered.

United Nations Development Programme,
55, Lodhi Estate, New Delhi – 110 003.
Tel: 91 11 2462 8877
Email : procurement.dsc@undp.org

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Annexure

Section 3a: Schedule of Requirements and Technical Specifications

List of Goods

Schedule No.	Description of Goods	Quantity (in number)	Bid Security in INR	Bid Security in USD
1	Medium definition Echo Cardiography Machines with Colour Doppler & Pediatric TEE Probe	**8**	4,00,000.00	USD 6600

Consignee – IPGME& R, Kolkata – 4 nos. & Dr B C Roy PGIPS, Kolkata 2 nos.
Consignee for balance 2 nos. will be intimated later.

Delivery & Completion Schedule

i. **Delivery to Consignee within 30 days from the date of issue of the Purchase Order-Contract.**

ii. **Installation, Training & Commissioning:**

Satisfactory Installation, Training & Commissioning as per the Consignee list above within **15 days** from the respective dates of delivery of the goods.

Note: *While installation at the designated site/location and commissioning will be the responsibility of the supplier, basic readiness of the site enabling such installation will be the responsibility of the consignee*

Terms of Delivery

DDP final destination as per Consignee Distribution List provided above (also see note below).

NOTE:

a) The responsibility of obtaining all required documents, including Custom clearance (if applicable), Road Permits etc. is of the Supplier.
b) The Consignee Receipt Certificate (CRC) will be issued to the Supplier within 72 hours of the delivery at the Consignee address.
c) Liquidated Damages (LD) will be calculated separately on: (1) delay in the delivery of the Goods to the consignees; and (2) delay in installation, training & commissioning, attributable to the supplier, and not for reasons not attributable to the Supplier.
d) With regard to charge of liquidated damages (LD) for delay in delivery of goods, the onus of proof will be on the supplier for establishing that delays were not due to reasons attributable to him; whereas in post-delivery installation, in case of delay, assumption of non-readiness of site at consignee locations shall ordinarily prevail unless there is specific evidence/information/material to the contrary.

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Technical Specifications

Schedule - 1

Medium Definition Echo Cardiography Machine with Colour Doppler & Pediatric TEE Probe

1. System should be fully digital color Doppler echocardiography system with all latest technologies in the field. (Standalone – Trolley based)
2. Maximum display depth shall be at least 30 cm.
3. System should have Multi array probe technology for Phased Array, Transducer should be pin less connectors. The system shall be capable of providing the following imaging and operating modes. B, M, LPRF, HPRF, CW, Color angio, Tissue Doppler, Fully Steerable Pulsed Doppler, Tissue Synchronization imaging.
4. Fully Steerable Continuous Wave Doppler with real time 2D images / Triplex Mode Digital Cine Replay of all imaging and Doppler modalities.
5. On-Screen Image Clipboard Storage & Image Recall
6. System should have 2048 or more digital data acquisition / processing channels.
7. Digital Image Storage and Patient Archive with true scanner frame rates. When recall the images should able to reanalyze the Images with Full Measurement and Analysis capabilities.
8. The system should be capable of supporting the Extreme Resolution adaptive image processing technique that performs analysis at the pixel level.
9. Should be capable of doing M Mode in real time / stored images and also should have a post processing M mode with 360 degrees Rotatable cursor.
10. Systems should have B Flow and compound Imaging for better resolution as Option System should support Speckle reducing imaging for the uniform image quality across all the probes.
11. Should have a built in digital archival system for image storage and archival with reporting facilities. The images should be stored and analysed with true frame rates
12. Tissue Doppler in PW mode, Color mode and anatomical M mode both real time and offline is essential.
13. Should have at least five frequencies in Tissue harmonic imaging in all imaging modes like B, M, PW, CW and CFM.
14. Should have built-in CD/DVD Writer for directly writing images on CD/DVD. Also system should support USB port for storing the images on Pen Drive.
15. Should have the integrated 17” or more Hi resolution TFT / LCD Monitor.
16. Should have a hi-fi Pan Zoom capability with live/frozen/Stored images, and should have capability of zooming the archived cine loops.
17. Should be DICOM 3 compliant and export of images to MOD DICOM Media (Optional)

18. Machine should be portable (on wheels with brakes) and easily movable from one patient to another in the ICU without much time delay in switching on and off(in built battery essential)
19. Should be directly compatible with color inkjet printers.
20. Digital Cine Replay, allowing to store and replay ultrasound images including 2D, Color, Color Anglo, Doppler, and The Cine Replay should allow the user to change gain, contrast, sweep speed, base line etc. image parameters.
21. System should be less Weight and ergonomically designed.
22. Should have a display of single, dual or quad images side by side.
23. Software-driven, backlit key board&/ or illuminated digital touch panel, assignable Rotary knobs and keys for easy mode and setting changes.
24. System should have advance feature like TVI (Tissue Velocity Imaging), tissue tracking & 2D (speckle tracking)
25. Should have following Transducers:
    a. 2.7 to 8.0 Mhz Pediatric Cardiac Phased Array transducer (wide band)
    b. 1.5 to 3.6 Mhz Cardiac Phased array transducer (wide band)(matrix probe)
    c. Multiplane Paediatric Transesophageal Echo Transducer. Frequency range should be 4 to 10 Mhz (+/- 1Mhz)(TEE probe slot must be in built)
26. System should have B/W PRINTER and Color Laser Printer
27. Suitable UPS with 30 minutes back up time.
28. LCD Monitors, high definition (DVI), should have option for extra ports for connecting additional monitor/s.
29. Warranty for the above system and configuration should be offered.
30. Demonstration of the quoted Model should be provided when asked for.
31. The quoted Model should have US FDA Certifications for Quality and also it should have all the certification related to Electrical Safety of the equipment.
32. Warranty for 2 years; CMC for 5 years;
33. Quoted price should cover the Equipment, Printer, Probes & UPS.

34. **Documentation**

1. Certification of calibration and inspection from factory
2. List of Equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service/technical manual
3. User Manual in English
4. Service manual in English
5. Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
6. List of important spare parts and accessories with their part number and costing

7. Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/date sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered
8. Must submit user list and performance report within last 5 years from major hospitals

35. **Company should have local service facility** (Details to be provided in following format)

Sl. No.	Name and address of the service center (s)	Phone Nos.	Fax No.	e-mail address	No. of Service engineers

Sl. No.	Name of Service Engineer	Mobile Number	Location

Toll Free No. (if any) :
Name of Service Head :
Mobile Number :

The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual, but at least once in three months during the warranty and CMC period (See Preventive Maintenance; and Calibration Check List – **Annexure -1**).

36. **One CD/DVD of demonstration video must be supplied with the equipment for end users.**

Warranty for 2 years and CMC for 5 years after warranty. The prices for CMC shall be quoted at the time of tendering process. The Prices of CMC shall be considered for the evaluation process.

The offered Warranty includes the cost of labour for all repairs; all spares & accessories required for replacement during repairs which forms part of the equipment system, without which it cannot perform satisfactorily.

NOTE: <u>The following points with regard to consumables should be noted while bidding (if applicable):-</u>

1. Reusable consumables should last during the warranty period.
2. In case any additional reusable consumables are required during the warranty period those will be supplied free of charge by the supplier.
3. The life expectancy of the reusable consumable is expected to be of at least one year from the date of purchase of the same. The reusable consumables will be procured at the prices accepted as per the contract.

Note (A):

- *Provide the confirmations of technical specifications with relevant mention of the same in original product catalogue* or any other substantial document in respect of quoted product.
- *As part of the technical evaluation of bids, functional demonstration of offered equipment model may be called, but the result/outcome thereof shall not be taken as the sole or conclusive evidence of qualification of the bid. Further, all expenses and risks related to such demonstration shall be borne by the bidder.*
- *Functional demonstration of the equipment is at the discretion of the Bid Evaluation Committee and its input shall be treated as supplementary / corroborative in nature and will not be a substitute for technical evaluation of the document submitted along with the bid.*

Note (B):

1) Any reference to brand of technology/ product, in case it occurs anywhere in the technical specification is purely for indicative/illustrative purposes and should be read as including its equivalent.
2) Unless specifically stated otherwise, the product quality requirement in this ICB will be CE ("Conformité Européene") or US FDA.
3) Unless specified otherwise in the Technical Specifications, all offers should include UPS unit or battery backup of at least one hour, as the case may be, with each equipment.
4) Offered product catalogue to be attached in original (2 in nos.) with each bid.
5) Attach valid quality certification document(s); no self-certifications admissible.
6) Quality Management System in conformity with ISO 9001:2008 where specified;
7) Product quality standard (CE/FDA) to be supported by authentic documents; Warranty, its scope and service facilities to be clearly indicated in the documents.

STANDARD REQUIREMENTS

The following requirements with regard to inspection, quality, packing, warranty, maintenance and related services shall apply to the above Schedule.

i. INSPECTION OF THE GOODS

All goods shall be subject to inspection and testing by UNDP or its designated representatives, to the extent practicable, at all times and places, including the period of manufacture and, in any event, prior to final acceptance by UNDP.

If any inspection or test is made on the premises of Vendor or its supplier, the Vendor, without additional charge, shall provide all reasonable facilities and assistance for the safety and convenience of the inspectors in the performance of their duties. All inspection and tests on the premises of the Vendor or its supplier shall be performed in such a manner as not to unduly delay or disrupt the ordinary business activities of the Vendor or supplier.

Neither the carrying out of any inspections of the Goods nor any failure to undertake any such inspections shall relieve the Vendor of any of its warranties or the performance of any obligations under the Contract.

ii. QUALITY CERTIFICATION

Where ever appearing in the bid document, the “CE certificate” shall be read as:
“CE mark for *conformitéeuropéenne*, (French for "European conformity").

iii. PACKING & LABELLING

Packing & Labelling shall follow the standard norms for such equipment. However, details thereof shall be specified at the time of issue of contract to the successful bidder(s).

The equipment should have a sticker on it with the following details:

Procured by	:	**UNDP on behalf of WBMSC Ltd.**	
Vendor Name	:		
Machine Serial No.	:		
Facility Asset No.	:		
Warranty up to	:		
Last PMC on	:		
Next PMC due on	:		
CMC starts on	:		
CMC valid upto	:		
Approved CMC Rate	:		per annum
Complaint logging at	:	Email: Phone:	
Service Engineer	:	Email: Phone:	Contact Detail
Service Manager	:	Email: Phone:	Contact Detail

iv. WARRANTY

Warranty shall always be for the period specified in Technical Specifications, computed from the date of acceptance of the goods. During warranty, cost and responsibility of the transport/shifting of the equipment, in case so required for repair, etc., shall be entirely borne by the Supplier, without any liability on the consignee. In case of such shifting of equipment, alternative working equipment shall be first made available to the consignee to avoid any disruption in the clinical work

v. MAINTENANCE

a. CMC shall be for **5** years following expiry of warranty, as specified in Technical Specifications.

b. During CMC, cost and responsibility of the transport/shifting of the equipment, in case so required for repair, etc., shall be entirely borne by the Supplier, without any liability on the consignee. In case of such shifting of equipment, alternative working equipment shall be first made available to the consignee to avoid any disruption in the clinical work.

c. Subject to (b) above, CMC services shall be provided at the site of the equipment, within the prescribed response time.
