**TENDER ENQUIRY NOTICE**

HLL/BME/ICCONS-01 LTD/2015-16 21.02.2015

Name of Work : Supply of 2 no:s of BERA/ASSR/OAE/VEMP System for the setting up of Audiology Department at ICCONS Hospital, Shoranur & Trivandrum.

Limited tenders are invited on behalf of Director, Institute of Communicative & Cognitive Neurosciences (ICCONS), An Autonomous Institute under Govt. of Kerala for the Supply of 2 no:s of BERA/ASSR/OAE/VEMP System for the setting up of Audiology Department at ICCONS Hospital, Shoranur & Trivandrum.

The specification for the BERA/ASSR/OAE/VEMP System is enclosed herewith.

**Address to which the offers are to be submitted:**

**Chief Biomedical Consultant**

HLL Lifecare Limited

Office Annexe

TC 24/606, TENRA-22

Palathinkara, Thycaud

Trivandrum 695014

Ph : 0471 – 2330447

Email: ctcbme@lifecarehll.com

**Submission of Offer**

The offer shall be submitted in single bid system. The offer should be submitted in a sealed envelope superscribing “2 no:s of BERA/ASSR/OAE/VEMP System for the setting up of Audiology Department at ICCONS Hospital, Shoranur & Trivandrum”

Last date and time of Receipt of offers : 02.03.2015 02.00 pm

Date and time of Opening of Offers : 02.03.2015 02.30 pm

**Payment terms**

Payment shall be made in Indian Rupees as specified in the contract in the following manner:

1. **On delivery:**

75 % payment of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:

1. Four copies of supplier’s invoice showing contract number, goods description, quantity, unit price and total amount;
2. Consignee Receipt Certificate as per in original issued by the authorized representative of the consignee;
3. Two copies of packing list identifying contents of each package;
4. Inspection certificate issued by HLL.
5. Certificate of origin.
6. **On Acceptance:**

Balance 25 % payment would be made after satisfactory completion against ‘Final Acceptance Certificate’ of goods/equipments to be issued by the consignees and endorsed by HLL subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.

The address to which the BERA/ASSR/OAE/VEMP System to be supplied is as follows:

**Location 1:**

***Director***

***Institute of Communicative & Cognitive Neurosciences (ICCONS)***

***Kavalappara, Shoranur   
Palakkad***

***Kerala 679523***

***Phone: 0466 – 2224869, 0466-2223038***

**Location 1:**

***Director,***

***Institute of Communicative & Cognitive Neurosciences (ICCONS),***

Near Chest Diseases Hospital

Pulayanarkotta

Thuruvikkal (PO)

Trivandrum, Kerala 695031

***Phone: 0471 – 2467729***

**Delivery period**

# The BERA/ASSR/OAE/VEMP System shall be supplied within 1 month from the date of supply order.

The supplier should give CMC for the quoted item for 5 years after 2 years warranty period. Cost of CMC will not be considered for price comparison purpose.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | | | | | **5** | |
| **Schedule No.** | **BRIEF DESCRIPTION OF GOODS** | **QUANTITY.**  **(Nos.)** | **CMC Cost for Each Unit year wise\*.** | | | | | **Total CMC Contract Cost for 5 Years** | |
| **1st** | **2nd** | **3rd** | **4th** | **5th** |  |
| **a** | **b** | **c** | **d** | **e** |  |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |

**Other Conditions**

1. Warranty should be for minimum 2 years from the date of acceptance of BERA/ASSR/OAE/VEMP System and the Warranty has to be given in the name of client (ICCONS).

**Performance Security**

1. Within Fifteen (15) days from date of the issue of purchase order the successful bidder, shall furnish performance security 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.
2. Demo of equipments and sample of instruments should be arranged when asked for
3. Earnest Money of Rs. 72,000/- has to be submitted along with the tender in the form of a Demand Draft/ Fixed Deposit Receipt (FDR) of a scheduled bank issued in favour of **HLL Lifecare Limited, Thiruvananthapuram** which should be placed in a separate sealed cover marked “Earnest Money” shall be submitted along with the tender.
4. The rate quoted should be inclusive of all taxes, duties, transport, loading and unloading up to consignee site.
5. The tenderer shall submit the compliance for technical specifications. The Make, Model & Country of origin should also be attached along with the bid.
6. The original Literature or the relevant part of the user/service manual should be attached as proof.
7. The offer shall be valid for 3 months.
8. The invoice/ bills shall be raised in the name of “**Director-ICCONS a/c HLL Lifecare Ltd “** and the same shall be submitted to the HLL Engineer in charge.
9. TIN no. of HLL should not be mentioned in any of the documents as HLL is acting on behalf of the client in the capacity of consultant alone.
10. The system shall be handed over to the client after due verification by HLL Engineer in Charge.
11. The bidders should seal and sign the Tender Enquiry Notice and should be submitted along with the tender

**For CEO HITES**

**Chief Biomedical Consultant**

**HLL Lifecare Limited**

**TECHNICAL SPECIFICATION**

|  |  |
| --- | --- |
| **S.N** | **BERA/ASSR/OAE/VEMP System** |
| **1** | **Operational Requirements** |
| 1.1 | The system should be able to perform the BERA,ASSR,OAE and VEMP. |
| **2** | **Technical Specification for BERA** |
| 2.1 | It should be 2 channels |
| 2.2 | Should have ability to record under physiological and electromagnetic noises |
| 2.3 | Impedance measurement should be built in and displayed on screen. |
| 2.4 | Signal presentation : right, left and both |
| 2.5 | Should have pre-programmed auto tests |
| 2.6 | Stimulus types: Click, Pure Tone, Tone Burst, Speech and User Defined Stimuli |
| 2.7 | Intensity: 0-100dB nHL |
| 2.8 | Tone Burst 10 to 120 dB on 250 to 8000 Hz |
| 2.9 | Analysis time should be short |
| 2.10 | Masking : White noise or notched |
| **3** | **Technical Specification for ASSR** |
| 3.1 | Stimulus ‐ Modulated Tone, Clicks |
| 3.2 | Intensity : upto 125 dB SPL |
| 3.3 | Frequency response upto 5000Hz or better |
| 3.4 | Should be able to test multiple frequencies simultaneously for both ears |
| 3.5 | Automatic Generation of Audiogram in SPL/ HL |
| 3.6 | Phasor diagram should be generated automatically. |
| 3.7 | Frequency and intensity based phasor diagram. |
| 3.8 | FFT Values should be displayed |
| 3.9 | Should have spectrum graph |
| **4** | **Technical Specification for OAE** |
| 4.1 | **Should do DPOAE having following specifications.** |
|  | **a DPOAE** |
|  | *Stimulus:* |
|  | Intensity range : 0 to 75 dB SPL |
|  | Lvel step : 1dB SPL |
|  | Frequency range : 500 to 8000 Hz |
|  | Frequency step: 50 Hz |
|  | *Recording:* |
|  | Analysis time : min 2 sec to unlimited test time |
| **5** | **Techincal Specification for VEMP** |
| 5.1 | It should be 2 channels |
| 5.2 | Transducer type: Ear-Tone ABR insert phone |
| 5.3 | Stimuli: Click and Tone Bursts. |
| 5.4 | Should have automatic test protocols for Click and Tone burst. |
| 5.5 | Patient communication: Talk forward. |
| **6** | **System Configuration Accessories, spares and consumables** |
| 6.1 | Should include all the necessary software, hardware and accessories for BERA, ASSR, OAE, & VEMP without any additional cost. |
| **7** | **Power Supply** |
| 7.1 | Power input to be 220-240VAC, 50Hz fitted with Indian plug |
| 7.2 | Suitable UPS with maintenance free batteries. |
| **8** | **Standards, Safety and Training** |
| 8.1 | Manufacturer should have ISO certification and the copy of the same should be enclosed along with the technical bid. |
| 8.2 | The quoted model should have European CE/US FDA certification and copy of the certificate should be submitted along with the technical bid. |
| 8.3 | Comprehensive training should be given for staffs and engineers till familiar with the system. |
| 8.4 | Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual. |
| 8.5 | Must submit atleast 2 nos of latest purchase order of the quoted model dated within 3 years along with the **price bid**. |
| 8.6 | Must submit atleast 2 nos of unpriced PO copies and performance satisfactory report within last 5 years from reputed clients along with technical bid. |
| **9** | **Documentation** |
| 9.1 | Complete User/Technical/Maintenance manual to be supplied in English (Soft copy & Hard copy). |
| 9.2 | Certificate of calibration and inspection from factory. |
| 9.3 | Warranty & CMC as per tender terms. |