

अखिल भारतीय वाक् श्रवण संस्थान, मैसूरु-570006
ALL INDIA INSTITUTE OF SPEECH AND HEARING, MYSURU-570006

E-PROCUREMENT NOTIFICATION FOR TECHNICAL EQUIPMENTS

ई-प्राप्ति संदर्भ / E-procurement reference	SH/PUR/075/077/078/AUD/2021-22	
Product & Specification / Work Description	Audiological Equipments Specifications: as per Annexure 1 to 3	
पूर्तिकार के लिए प्रपत्र – दर सूची Form for Supplier – PRICE SCHEDULE	Quote Rates in PRICE SCHEDULE (as per Annexure 6)	
बयाना राशि /EMD Amount	As per the CPPP Tender Notification Annexure	
ई-प्राप्ति प्रकाशन दिनांक E-procurement Publication Date	ई-प्राप्ति अनुसूची के अनुसार As per the E-procurement Schedule	
निविदा प्रस्तुति का आखिरी दिनांक व समय Last Date and Time for Submission of Technical Tender Document	ई-प्राप्ति अनुसूची के अनुसार As per the E-procurement Schedule	
निविदा प्रस्तुति का आखिरी दिनांक व समय Last Date and Time for Submission of Financial Tender	दिनांक /Date	समय /Time
	ई-प्राप्ति अनुसूची के अनुसार As per the E-procurement Schedule	
निविदा खोलने का दिनांक व समय Opening of Tender	दिनांक /Date	समय /Time
	ई-प्राप्ति अनुसूची के अनुसार As per the E-procurement Schedule	

निदेशक / Director

Annexure

Sl.No	Name of the equipment	EMD Amount
1	Diagnostic OAE equipment(TEOAE+DPOAE) with all in one desktop computer	12,000
2	Two channel evoked response equipment with facility for EMG rectified VEMP	20,000
3	15-20 channel ERP system	36,000
	TOTAL	68,000

Specifications for Diagnostic Otoacoustic emissions system having minimum 8 points/octave TEOAE, DPOAE and SOAE

Facility for doing TEOAE, DPOAE and SOAE

DPOAE RECORDING SPECIFICATIONS

- High resolution DPgram up to 8 points per octave (27 frequencies shown) Pre-set and customisable stimuli)
- Programmable L1 and L2 level, frequency ratio, points/octave, frequency range,
- manual/automatic/intelligent frequency progression
- Total DP power assessment
- DP I/O growth rate analysis, dB/dB or scissor optimized stimuli
- Simultaneous binaural recording
- True time domain averaging and noise statistics
- Ultra-secure SNR assessment
- Total DP power assessment

TEOAE RECORDING SPECIFICATIONS

- Click stimulus or configurable tone pulse Configurable stimulus intensity.
- In-the-ear calibration
- Real-time stimulus and probe fit monitoring
- OAE dB SPL and reproducibility in half-octave bands plus stimulus and response waveforms Simultaneous binaural recording

ANALYSIS TOOLS

- Examine/compare feature for DP-DP, TE-DP and TE-TE
- Full cross correlation, frequency analysis with reproducibility and signal-to-noise data on single test or between test pairs
- Waveform analysis with response subtraction
- Detailed TEOAE spectrum analysis (50Hz resolution).
- Half-octave OAE power assessment
- Full numerical OAE data table provided

DATA HANDLING

- Fully searchable patient database with printable reports
- Exportable data to OZ, Hi*Track, XML, Excel and ASCII (user selectable data elements)
- Integration of multiple sites, testers and machines
- Ability to run from a network and with a network databases

ACCESSORIES TO BE SUPPLIED OTHER THAN STANDARD ACCESSORIES

- 2 set of DPOAE Probe
- USB cables as per user site
- Test cavity
- Starter Kit 5 box of starter tip box
- Operation/ Multilingual CE manuals

- Services manual

COMPUTER SPECIFICATION

- Processor: Intel core i710th gen
- Operating system: Windows 10 Professional compatible with latest OAE software version
- Display size:24" wide
- RAM: 8 GB DDR4-3200 SDRAM
- Hard drive: 1 TB 7200 rpm SATA HDD + 256 GB SSD
- Optical drive: Super multi DVD+/- RW with double layer support
- Ethernet: Integrated 10/100/1000 GbE LAN
- Connectivity: VGA, USB, HDMI, Built in Wi-Fi, Bluetooth
- Sound card: Intel high definition audio 2.0
- Graphics: Intel® UHD Graphics
- Ports: USB ports
- Wireless Optical mouse and wireless key board

Specifications for the AEP equipment

Number of channels: 2
Amplifier gain: upto 150000
Analysis time: upto 1000 ms
Stimulus: Clicks, Filtered clicks, Chirps, Tone-bursts with frequencies from 250 Hz to 8000 Hz, Speech, Provision to load external stimulus in .wave format
A/D resolution: 16 bit
Low-pass filter: 30 Hz to 3000 Hz
High-pass filter: 0.1 Hz to 300 Hz
User modifiable frequency specific SPL to HL &nHL: Present
Stimulus intensity: upto 110 dB nHL for AC and 80 dB nHL for BC
Stimulus duration: upto 500 ms
Rate: 0.1 to 150/s in 0.1/s steps
Masking: White noise, programmable levels
Facility to add, subtract, multiply & cross-correlate recordings: Present
Transducers: Insert earphones, headphones, bone vibrator, tiptrode, and loud speakers
Test facilities: ECochG with facility for calculation of area ratio of SP and AP, ABR (speech, click, tone-burst and chirp evoked), MLR, ALLR, P300, MMN, air-conducted and bone-conducted cVEMP and oVEMP with EMG monitoring using bio feedback and EMG normalization for ipsilateral and contralateral responses.
A computer with necessary hardware and software for above mentioned test facilities
Operational and service manual to be provided
Should work with 220 V/ 50 Hz power supply
To be supplied along with a computer (specifications enclosed)

Technical specification of All in one Desktop computer

Processor: Intel i7
Operating system: Windows 10 or above
Display size: 21" or more, wide screen
RAM: 16GB
Hard drive: 1000 GB SATA
Optical drive: DVD RW with double layer support
Ethernet: 10/100/1G LAN
Warranty: 3 years onsite
Sound card: Intel high definition audio 2.0 or above
Ports: Multiple USB ports (>3)
Optical wireless mouse and wireless keyboard

NOTE: to state the availability or non-availability of the facilities as per the specifications mentioned above.

Specifications for the ERP equipment

- 15-20 channels
- Input selection via Switch box
- Input Selection via Switching box
- Temperature Probe Channel
- Sampling Rate Up to:16 kHz – 15-20 Ch.
- Battery or Cable Power
- DIN connectors on first 4 Channels
- Headbox Separate from Stimulator
- Adjustable arm
- PRECABLED CAPS KIT- containing Connect caps with Connector S-M-L (2 set each); cap adaptors (2 sets), Cap Support, Box of Syringes,Boxes of Blunt Needles, and 3 Jar of conductive gel.
- EAR PHONE INSERTS with 3a, 3b and 3c tips (tips 2 set each)
- ENERGY –Acoustic and Visual
- ENERGY LIGHT – Electric
- ENERGY TWIN –Acoustic and Visual
- LCD display
- Standalone stimulator
- Battery or Power

Software for the ERP system for a wide range of EP tests including a full range of tests for:

- Electromyography
- Evoked Potentials
- Spontaneous/Voluntary/Maximal Effort EMG
- MultiMUP and Turn & Amplitude Analysis
- Free Running EMG with “Infinite Play”

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परिशिष्ट/ ANNEXURE-6

दर सूची / PRICE SCHEDULE

सभी मदों के लिए विवरण सहित दर उद्धृत करें /Quote rate for all items with description.

क्रमांक Sl. No	वस्तु का नाम / विवरण Item Name / Description	मात्रा Qty	इकाई Unit rate	GST %	Total Cost in INR (Including all taxes)
1	Diagnostic OAE equipment(TEOAE+DPOAE) with all in one desktop computer	01	No.		
2	Two channel evoked response equipment with facility for EMG rectified VEMP	01	No.		
3	15-20 channel ERP system	01	No.		

वितरण: यथा निम्न सूचित पते पर / Delivery: As per the Address given below

क्रमांक / Sl. No.	मुख्यालय /Head Quarters
1.	भंडार अनुभाग, Stores Section, All India Institute of Speech and Hearing, Manasagangothri, Mysuru-570006

पूर्तिकार के हस्ताक्षर
Signature of the Supplier
नाम, पता और मोहर
Name, Address and Seal

दिनांक / Date:

स्थान / Place:

सामान्य शर्तें और निबंधन / General Terms and Conditions:

1. भारत में उत्पाद बनाने के लिए प्राथमिकता दी जाएगी। Preference will be given to make in India Products
 - a. बोलीदाता को स्पष्ट रूप से उस ब्रांड और उत्पाद का उल्लेख करना चाहिए जिसके लिए फर्मों ने उद्धृत किया है। / The bidder should clearly mention the brand and make of the product for which the firm has quoted for.
 - b. बोलीदाता को 04.06.2020 के वाणिज्य आदेश मंत्रालय द्वारा जारी दिशा-निर्देशों के अनुसार एक स्व प्रमाणन देना चाहिए। / The bidder should submit a self certification as per guidelines issued by Ministry of Commerce Order dated 04.06.2020.
2. उद्धृत मूल्यएफओआर(FOR) , (AIISH) / The price quoted should be FOR destination, AIISH Mysore.
3. बोली केवल केंद्रीय सार्वजनिक खरीद पोर्टल (<https://eprocure.gov.in/eprocure/app>) के माध्यम से प्रस्तुत की जानी चाहिए। हार्ड कॉपी विचार नहीं किया जाएगा। / Bid should be submitted only through Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>). No hard copies will be entertained.
4. बोली हमारे विनिर्देशों के अनुसार और क्रमबद्ध रूप में हमारे निविदा दस्तावेज के अनुसार होनी चाहिए। / The bid should be exactly according to our specifications and in sequential form as per our tender document.
5. बोली खोलने की तिथि से बोली / उद्धरण 180 दिनों की अवधि के लिए मान्य होना चाहिए। / The bid/quotation should be valid for a period of 180 days from the date of opening of the bids.
6. रियायती कीमतों को शैक्षिक, अनुसंधान और सेवा संस्थान के रूप में पेश किया जा सकता है। / Discounted prices may be offered being as an Educational, Research and Service institution.
7. बोलीदाता, निदेशक आइश, मैसूरू के पक्ष में डिमांड ड्राफ्ट के रूप में, रुपये की राशि का बयाना जमा / बोली सुरक्षा (आईएनआर अड़तीस हजार रुपये) जमा करेंगे। भौतिक प्रतिलिपि बोलियों को जमा करने की अंतिम तिथि से पहले या उससे पहले निदेशक के कार्यालय में पहुँच जानी चाहिए। कॉपी ऑनलाइन बोली के साथ अपलोड की जानी चाहिए। / The Bidders shall submit an EMD (Earnest Money Deposit)/Bid Security of amount mentioned in the tender document (Annexure)
8. टेंडर के साथ ही जीएसटी और पैन की कॉपी प्रस्तुत की जानी चाहिए। / Copy of the GST and PAN should be produced along with the tender.
9. जहाँ भी लागू हो, कर की दर स्पष्ट रूप से दर्शाई जानी चाहिए। / The rate of tax should be clearly indicated wherever, applicable.
10. सामग्री की आपूर्ति और स्थापना खरीद आदेश की नियत तारीख के भीतर सभी तरह से पूरी होनी चाहिए। / Supply and Installation of the material should be completed in all respects within the due date of Purchase Order.
11. Three years warranty from the date of supply and installation.
12. सभी प्रकार से संबंधित और स्वीकृति में स्थापना के पूरा होने और अच्छी स्थिति में माल / सामग्री की प्राप्ति की तारीख से 30 दिनों के भीतर एनईएफटी / आरटीजीएस द्वारा भुगतान किया जाएगा। अग्रिम भुगतान नहीं किया जाएगा। / Payment will be made by NEFT / RTGS within 30 days from the date of receipt of the goods / materials in good condition and completion of installation in all respects and acceptance. No advance payment will be made.
13. सामग्री / उपकरण, इंस्टालेशन, कम्यूनिकेशन और प्रशिक्षण की आपूर्ति में विफलता के मामले में, यदि कोई हो, , तो प्रति सप्ताह देरी का 0.5% @ जुर्माना लगाया जाएगा या खरीद आदेश के कुल मूल्य का अधिकतम 10% तक का हिस्सा होगा। / In case of failure in supply of material/equipment, installation, commissioning and training if any, within due date, penalty will be levied @ 0.5% per week of delay or part thereof up to a maximum of 10% of the total value of Purchase order.
14. बैंक विवरण जैसे बैंक का नाम, शाखा का नाम, खाता संख्या, खाता नाम और आईएफएससी कोड प्रदान करें या कैंसल चेक अपलोड करें। / Provide Bank particulars such as Bank Name, Branch Name, Account No, Account Name and IFSC code or upload cancelled cheque leaf.

15. अनुबंध के निबंधन और शर्तों को सख्ती से पालन किया जाना चाहिए जैसा कि निविदा दस्तावेज में इंगित / निर्धारित किया गया है अन्यथा अस्वीकार किए जाने योग्य है। / The terms and conditions of the contract shall be strictly adhered to as indicated /stipulated in the Tender Document otherwise liable to be rejected.
16. निविदा शुल्क के लिए डिमांड ड्राफ्ट "निदेशक, अखिल भारतीय वाक् श्रवण संस्थान, मैसूरु पर देय" के पक्ष में तैयार किया जाना चाहिए। सभी प्रतिभागियों को एमएसएमई सहित निविदा शुल्क का भुगतान करना चाहिए और डिमांड ड्राफ्ट की भौतिक प्रतिलिपि बोलियों को जमा करने की अंतिम तिथि से पहलेया अंतिम तिथि तक निदेशक, अखिल भारतीय वाक् श्रवण संस्थान, मैसूरु के कार्यालय तक पहुँचनी चाहिए। / Demand draft for tender fee should be drawn in favour of "The Director, All India Institute of Speech and Hearing, Payable at Mysuru". All the participants should remit tender fee including MSME's and physical copy of the demand draft should reach the office of Director, AIISH, Mysore on or before the last date of the submission of bids.
17. 3 copies of similar order executed to other firm or any other government institutions and autonomous bodies may please be submitted.
18. भारत में अनुसूचित वाणिज्यिक बैंक से बैंक प्रत्याभूति (गारंटी) के रूप में प्रदर्शन सुरक्षा 60 दिनों के लिए वैध होनी चाहिए, जो कुल खरीद आदेश मूल्य के 3% के लिए आश्वस्ति ()
() 60 दिनों के साथ वारंटी अवधि के पूरा होने तक समतुल्य राशि बरकरार रखी जाएगी। / Performance Security in the form of Bank Guarantee from the scheduled commercial bank in India should remain valid for 60 days beyond the completion of warranty period for an amount of 10% of the total purchase order value has to be submitted on receipt of Purchase Order (or) equivalent amount shall be retained till the completion of warranty period plus 60 days from the final bill.
19. **Technical Evaluation is based on the individual line items.**
20. बोली की स्वीकृति निदेशक के पास होगी, जो खुद को सबसे निचली बोली को स्वीकार करने के लिए बाध्य नहीं करती है और अस्वीकार करने का अधिकार सुरक्षित रखती है, या किसी भी कारण को स्वीकार किए बिना प्राप्त सभी बोलियों को आंशिक रूप से स्वीकार करती है। / **The acceptance of the bid will rest with the Director, who does not bind herself to accept the lowest bid and reserve the right to reject, or partially accept any or all the bids received without assigning any reason.**