

| Pre-Bid Representation | | | | |
|--|-----------------|--|--|--|
| Bid Number: GEM/2022/B/2082669 Dated: 02-04-2022 | | | | |
| Item Name: Video EEG machine with camera | | | | |
| Sr. No. | ATC Page & Para | TENDER SPECIFICATION | REPRESENTATION RECEIVED FROM THE FIRM | COMMITTEE RECOMMENDATION |
| 1 | Pg 1 Para 1 | Capable of recording at least 32 channel EEG (24 AC monopolar + 8 DC bipolar). | Request to amend "24 Monopolar + 4 Bi-polar + 4 DC Channel" Reasons: Minor amendment for better participation | Amended as: Capable of recording at least 32 channel EEG (24 Monopolar + 4 Bi-polar + 4 DC Channel). |
| 2 | Pg 1 Para 2 | Programmable sample rate should be atleast 2KHz. | We request to amend it as "Programmable sample rate should be atleast 1KHz." as later on at point no. 18 it is asked for 1 KHz sampling. So we request for amendment for wider participation in the tender. Request to amend to "atleast / more than 500Hz" Reasons: Minor amendment | Amended as: Programmable sample rate should be atleast 1 KHz. |
| 3 | Pg 1 Para 4 | The system must be powered by commonly available lithium batteries giving 96 hours of life and a provision of built in battery for 5 minutes or more must be available not to lose the data acquired and continuation of acquisition of subject without interruption, if batteries are to be changed during the acquisition. | We request to delete this feature or should asked as optional as these feature are required for wireless recording system which has lot of limitations to work in Indian frequency bandwidth. As per our knowledge all wireless EEG recording system installed in India got failed from day one. So we request for amendment for a quality system. The system must be powered by commonly available USB/DC/AC sourced for not to lose the data acquired and continuation of acquisition of subject without interruption. Reason why modification is suggested: - This asked parameter is available with only one company (EB Neuro, Italy), as company specific, so better to change it. - Battery powered amplifier always gives problem of data loss, if discharged during the recording. - This amplifier contains SD card for EEG recording, for which user has to transfer the EEG data every time to Desktop for review. - Sometimes the memory of this SD card will be full, so user has to stop the recording in between and make the space available in this SD card for continues recording, which again an extra task for the user. - Rest it always good and beneficiary without loss of data for all those amplifiers who are powered by USB/DC/AC sourced for continuation of acquisition of subject without interruption directly into Computer memory. | Amended as: The system must be powered by commonly available USB/DC/AC sourced for not to lose the data acquired and continuation of acquisition of subject without interruption. |
| 4 | Pg 1 Para 6 | A display along with the recorder should be provided showing time of day, elapsed time (since recording started), power status, recording status and amount of recording space available. | We request to delete this feature or should asked as optional as these feature are required for wireless recording system which has lot of limitations to work in Indian frequency bandwidth. | Deleted |

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| | | and amount of recording space available. | <p>Delete</p> <p>Reason why modification is suggested: - This parameter is again available with only one company (EB Neuro, Italy), as company specific, so better to change it.</p> <p>- Again amplifier asked with battery for power status and amount of recording space available in SD card, having lots of issues, as discussed above.</p> <p>- Rest for showing time of day, elapsed time; it is commonly available with the software provided by all vendors dealing with non-battery powered amplifiers.</p> | |
| 5 | Pg 1 Para 14 | Very light weight not more than 750 gm for the wearable components (system carry bag and a belt to fix it around the abdomen) by subjects/ patients. | <p>We request to amend this point as "Very light weight not more than 1.2 k.g for the wearable components (system carry bag and a belt to fix it around the abdomen) by subjects/ patients.</p> <p>Very light weight not more than 1.2 k.g</p> <p>Reason why modification is suggested: - This asked parameter is available with only one company (EB Neuro, Italy), as company specific, so better to change it.</p> <p>- Wearable components (system carry bag and a belt to fix it around the abdomen) by subjects/ patients required only for battery powered amplifier.</p> | Amended as: Very light weight not more than 1200 gm for the wearable components (system carry bag and a belt to fix it around the abdomen) by subjects/ patients. |
| 6 | Pg 1 Para 17 | The amplifier should have Ethernet technology. | <p>The amplifier should have Ethernet / USB technology.</p> <p>Reason why modification is suggested: - This changes makes the specification more broad based and allowed many bidders for participation.</p> <p>Kindly amend this point as The amplifier should have Ethernet/USB technology.</p> <p>Request to amend to read as "The amplifier should have Ethernet / USB technology"</p> <p>Reasons: Minor amendment for better participation</p> | Amended as: The amplifier should have Ethernet/USB technology. |
| 7 | Pg 1 Para 18 | The channels should be sampled upto 1000 Hz simultaneously and to be stored at programmable rates of up to 1024Hz. | <p>Request to amend to read as "The channels should be sampled upto 500 Hz simultaneously and to be stored at programmable rates of up to 500Hz.</p> <p>Reasons: Minor amendment for better participation</p> | No change |

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| 8 | Pg 1 Para 19 | The system should have INTEL PENTIUM PROCESSOR CENTRINO DUO Laptop PC 1.6 GHz with 512 MB RAM, 60 GB Hard Disk, CD Writer, 15" Screen, Ethernet Network Adapter, EEG Software for Windows XP, Microsoft Office XP Software, Microsoft Windows XP Operating System, DVD Writer, Inkjet Color Printer, Trolley. | <p>Here asked PC specifications are outdated so we request to amend this point as "(Branded Desktop) Intel Core i5 processor with 4GB RAM, network card, multimedia speakers, mouse, keyboard, minimum 1TB hard disk for storing" as we Nihon Kohden supplies only OEM PC after passing strict in-house quality check to comply medical grade standards. And those PCs are configured only by manufacturer. So we request for amendment for wider participation in the tender.</p> <p>The system should have Laptop/Desktop PC with : INTEL PROCESSOR i7, 8GB RAM, 512 GB SSD + 1 TB HDD, DVD Writer (external), 15" Screen, Ethernet Network Adaptor, EEG Software for Windows 11, Microsoft Office Software, Laser Color Printer, Trolley.</p> <p>Reason why modification is suggested: Specification asked for the Laptop is obsolete in the market. So better to ask a high configuration system</p> | Amended as: The system should have (Branded Desktop) Intel Core i5 processor with 4GB RAM, network card, multimedia speakers, mouse, keyboard, minimum 1TB hard disk for storage, DVD Writer, Inkjet/laser Color Printer, Trolley. |
| 9 | Pg 2 Para 23 | Should have facility of reviewing the EEG recording Live/Recorded at the place within 100 meters other than the acquisition station. (wired review station with LAN connectivity) | <p>Should have facility of reviewing the EEG recording Live/Recorded at the place within 100 meters other than the acquisition station. (wired review station with LAN connectivity) (Review Station to be provided as a Desktop PC: similar to Acquisition station)</p> <p>Reason why modification is suggested: It is always better to Define the requirement properly; otherwise any bidder can manipulate the bid by saying that facility available and will not give the Review station.</p> | Amended as: Should have facility of reviewing the EEG recording Live/Recorded at the place within 100 meters other than the acquisition station. (wired review station with LAN connectivity) (Review Station to be provided as a Desktop PC: similar to Acquisition station) |
| 10 | Pg 2 Para 29 | Accessories : 1 set of extra batteries, system carry bag and belt, neonatal and pediatric pulse oximeter probes; extra set of EEG consumables (24 electrodes and 2 jars of conductive paste) | We request to amend as Accessories : system carry bag and belt, neonatal and pediatric pulse oximeter probes; extra set of EEG consumables (24 electrodes and 2 jars of conductive paste) | Amended as: Accessories : system carry bag and belt, neonatal and pediatric pulse oximeter probes; extra set of EEG consumables (24 electrodes and 2 jars of conductive paste) |

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| 11 | NA | NA | <p>Add Video Camera</p> <p>Camera Specs and requirement not mentioned in specification although the nomenclature mention "Video"</p> <p>Reasons:Our Suggestion: One No. of High Definition (HD) Video Camera with PTZ control with night vision</p> | <p>Added Para: Video Camera at least SONY RZ25 PAL or equivalent with built in PTZ with night vision and integrated software with the EEG such that one can control the functions of the camera from EEG software itself. To be supplied with complete mounting and accessories.</p> |

COMMERCIAL QUERY

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|---------|---------------------------------|------------------------------|---|--------------------------|
| 1 | Pg 2 MII Purchase Preference | MII Purchase Preference: Yes | <p>As a distributor of foreign manufacturer, we will not be able to accommodate 50% Make In India Items with our proposed model against your tender specification.</p> <p>Reasons: You are therefore requested to delete this clause.</p> | No change |