

Response To Pre-Bid Queries (Pre-Bid date: 18.04.2022)				
Bid Number: GEM/2022/B/2080041 Dated: 31-03-2022				
Item Name: 64 Channels VIDEO EEG system				
Sr. No.	Buyer Specification Document Page & Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRM	COMMITTEE RECOMMENDATION
1	Pg 1 Item name	64 Channels VIDEO EEG system	<p>Item Name: 32 Channels VIDEO EEG system</p> <p>Reason why modification is suggested: - For clinical use 32 Channels EEG System is more than sufficient.</p> <p>- 64 Channels only required, if user wants to use it for Intracranial / Cortical studies.</p> <p>- This change makes the specification more broad based and allowed many bidders for participation.</p> <p>- Also 64 channels system will cost almost the double instead of 32 channels system, where is no use of wasting the extra money on this, if user's requirement is only for clinical use.</p>	Amended as: 32 Channels VIDEO EEG system
2	Pg 1 Para 1 a)	Configurable 64 channels, Referential or Differential capability.	<p>We request to amend it as "Configurable 32 channels, Referential or Differential capability," as for routine EEG only 10-20 system is followed for EEG examinations for that 32 channel system is sufficient. So we request for amendment for wider participation in the bid.</p> <p>Configurable 32 channels, Referential or Differential capability.</p> <p>Reason why modification is suggested: - Reasons as discussed above.</p>	Amended as: Configurable 32 channels, Referential or Differential capability.
3	Pg 1 Para 1 c)	Sampling rate selectable, up to 12 KHz per channel, individually.	<p>We request to amend it as "Sampling rate selectable, up to 1 KHz per channel, individually." for wider participation in the bid.</p> <p>Sampling rate selectable, up to 2 KHz per channel, individually.</p> <p>Reason why modification is suggested: - Again, the sampling rate of 12 KHz is required only while doing Intracranial / Cortical studies.</p> <p>- For clinical studies, basically 256Hz sampling rate is more than sufficient.</p> <p>- So better to define the minimal range available with the many manufacturers.</p> <p>- This change makes the specification more broad based and allowed many bidders for participation.</p> <p>Request to amend upto 4KHz</p> <p>Reasons: Sampling Rate of 12 KHz is too high for 64 channels amplifier</p>	Amended as: Sampling rate selectable, up to 1 KHz per channel, individually.

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4	Pg 1 Para 1 e)	Body wearable, compact size in case of ambulatory applications.	<p>We request to delete all these features 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.</p> <p>EEG System should be compact size in case of ICU recordings.</p> <p>Reason why modification is suggested: - This parameters AMBULATORY : asked for battery operated device with inbuilt memory. - 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.</p>	Amended as: System should be of compact size to allow usage in ICU, if required.
5	Pg 1 Para 1 f)	Built in memory card of 32GB or higher having capability to record EEG Data.	<p>We request to delete all these features 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.</p> <p>Computer System memory of 1TB or higher having capability to record EEG Data.</p> <p>Reason why modification is suggested: - This asked parameter is again used in AMBULATORY 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. - So, it's always better to record the EEG directly into computer memory, which will never interrupt</p>	Amended as: Computer System memory of 1TB or higher having capability to record EEG Data.

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6	Pg 1 Para 1 j)	Medical grade AC power supply and/or Lithium Ion battery, Rechargeable, having capacity of recording up to 5 ~ 6 hours or better.	<p>We request to delete all these features 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.</p> <p>UPS with having suitable capacity.</p> <p>Reason why modification is suggested: - This asked parameter is again used in AMBULATORY recording. - Battery powered amplifier always gives problem</p>	Amended as: UPS with suitable capacity of recording up to 4 ~ 5 hours or better.
7	Pg 1 Para 1 k)	Each system must include 2 rechargeable batteries.	<p>We request to delete all these features 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.</p> <p>Delete</p> <p>Reason why modification is suggested: -This asked parameter is again used in AMBULATORY recording. - Battery powered amplifier always gives problem of data loss, if discharged during the recording.</p>	Deleted
8	Pg 1 Para 1 l)	Facility for starting recording EEG on the bedside e.g. ICU without use of Computer & trolley.	We request to delete all these features 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.	Amended as: Facility for starting recording EEG on the bedside e.g. ICU with use of Computer & trolley.

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			<p>Facility for starting recording EEG on the bedside e.g. ICU with use of Computer & trolley.</p> <p>Reason why modification is suggested: - This asked parameter is again used in AMBULATORY recording.</p> <ul style="list-style-type: none"> - 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. - So, it's always better to record the EEG directly into computer memory, which will never interrupt the loss of data also. 	
9	Pg 1 Para 1 m)	Systems must be upgradable to add 64 channel head box if required.	<p>Delete</p> <p>Reason why modification is suggested: - This change makes the specification more broad based and allowed many bidders for participation.</p>	No change
10	Pg 1 Para 1 n)	Must be supplied with an extra head box so that while one patient is being examined, the other patient can be connected to electrodes for faster throughput.	<p>Must be supplied with an extended head box so that while one patient is being examined, the other patient can be connected to electrodes for faster throughput.</p> <p>Reason why modification is suggested: - This change makes the specification more broad based and allowed many bidders for participation.</p> <ul style="list-style-type: none"> - Extended head box also helps in Long term EEG recording for 24 hours or more, as it helps the patient to go to washroom if required. 	Amended as: Must be supplied with an extended head box so that while one patient is being examined, the other patient can be connected to electrodes for faster throughput.

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11	Pg 1 Para 3 a)	Define sets of more than one input sensors viz. 10-20, 10-10, grids etc.	Define sets of more than one input sensors viz. 10-20, electrodes etc. Reason why modification is suggested: - 10-10 EEG electrodes position is again required for 64 channels. - So as we defined that 64 channels are only required for Intracranial / Cortical studies. - For clinical use 32 Channels EEG System with 10-20 Electrodes system is more than sufficient. - Grids Words : again used for Intracranial / Cortical studies.	Amended as: Define sets of more than one input sensors viz. 10-20 grids etc.
12	Pg 1 Para 6 c)	Ten 20 Paste - 100 boxes of 228gm each.	We request here for amendment as c) Ten 20 / Elefix Paste - 100 boxes of 228gm each as we Nihon Kohden has our own EEG conductive paste (Elefix) and Skin prep gel (Skinpure) which are manufactured by Nihon Kohden Japan and being used globally. So we request for an amendment.	Amended as: Ten 20 / Elefix Paste - 100 boxes of 228gm each
13	Pg 1 Para 6 d)	Nuprep Paste - 50 tubes 114gm each.	We request here for amendment as d) Nuprep / Skinpure Paste - 50 tubes 114gm each as we Nihon Kohden has our own EEG conductive paste (Elefix) and Skin prep gel (Skinpure) which are manufactured by Nihon Kohden Japan and being used globally. So we request for an amendment.	Amended as: Nuprep / Skinpure Paste - 50 tubes 114gm each

COMMERCIAL QUERY

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1	Pg 2 MII Purchase Preference	III Purchase Preference: Yes	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. Reasons: You are therefore requested to delete this clause.	No change