

28.10.2021

Pre- Bid Query Reply**Sub: Pre Bid Query Reply to the bidders for referred Bid Document****Ref.: Bid Number- GEM2021B1527729, GEM/2021/B/1527494, GEM/2021/B/1528242, GEM/2021/B/1528117 and GEM/2021/B/1527875 dated 21-09-2021****Pre Bid Query Reply**

<u>Bid Number GEM2021B1527729 Dated 21-09-2021</u>				
<u>Item Name:- 8 Channel EMG-NCS-EP System</u>				
Sl.No.	Tender Specification	Representations Received from the bidders	Committee Recommendation	Justification
Point 7	Input impedance: above 100 M ohms differential mode, > 1000Mohm in common mode	Input impedance: above 100 K ohms differential mode, > 1000Mohm in common mode	Input impedance: above 100 K ohms differential mode, > 1000Mohm in common mode	For wider participation
Point 11	Low filter settings: 0.2 Hz to 3 KHz and high filter settings: 30 Hz to 10 KHz with AC interference notch filter 50 Hz	Low filter settings: 0.3 Hz to 2KHz and high filter settings: 30 Hz to 10 KHz with AC interference notch filter 50 Hz	Low filter settings: minimum 0.2 Hz to at least 2 KHz and high filter settings: 30 Hz to 10 KHz with AC interference notch filter 50 Hz	For better specification
Point 12	8 Channel External input and External Output and Line I/O	4 Channel External input and 4 channel External Output and Line I/O 8 Channel External input and External Output and Line I/O ,to make the device compatible with other devices.	8 Channel or more External input and External Output and Line I/O, to make the device compatible with other devices.	For better clarity
Point 14	Should have option of connecting stimulation pods with multiple output ports.	Should have option of connecting stimulation pods with multiple output ports to use the system as intra operative nerve monitoring in future if needed.	Should have option of connecting stimulation pods with multiple output ports to use the system as intra operative nerve monitoring in future if needed.	For better clarity
Point 17	Must have trigger EMG, Single Fiber EMG (jitter analysis), Stimulated SFEMG, and QEMG with the system with their accessories (Including needle holders, reusable	We request you to clarify the ratio of Re-usable needles & disposable needles. As a re-usable needle can be used for upto fifty patient, whereas you have asked for 10 nos. of disposable needles only.	Must have trigger EMG, Single Fiber EMG (jitter analysis), Stimulated SFEMG, and QEMG with the system with their accessories (as mentioned in BOQ)	For better clarity

	needles-1Nos/10 disposable, etc - 1set for each)".	Must have trigger EMG, Single Fiber EMG (jitter analysis), Stimulated SFEMG, and QEMG with the system with their accessories mentioned below.		
point 23	Should have Visual Evoked Potentials with Pattern, flash and goggles (LED) protocols (EOG PRVEP & LEDVEP)	Should have Visual Evoked Potentials with Pattern, flash and goggles (LED) protocols (PRVEP & LEDVEP)	Should have Visual Evoked Potentials with Pattern, flash and goggles (LED) protocols (PRVEP & LEDVEP)	For wider participation
point 24	Should have Somatosensory Evoked potentials (SEP, SSEP and ESCP) simultaneous SSEP and SEP measurement with accessories	Should have Somatosensory Evoked potentials (SEP, SSEP and ESCP)measurement with accessories	Should have Somatosensory Evoked potentials measurement with accessories	For better clarity
Point 27	Should have option of P-300, MRCP".	We request you to clarify whether you require the mentioned function as option or as standard. Should have option of P-300	Should have P-300, MRCP" as standard	For better clarity
Point 29	Workstation Should be with latest i5 processor, 4 GB RAM, 1 TBHard Disk or better, 4 USB ports or better, DVD-RW, Latest Operating System, minimum 22inch LED Monitor, Laser Printer, Speaker,Key Board, Mouse, Suitable UPS with 15min Backup, MS office , and Matellic Trolley with complete mounting provision"	As per prebid discussion	Workstation Should be with latest i5 processor, 4 GB RAM, 1 TBHard Disk or better, 4 USB ports or better, DVD-RW, Latest Operating System, minimum 22inch LED Monitor, Laser Printer, Speaker,Key Board, Mouse, Suitable UPS with 15min Backup, MS office , and Matellic Trolley with complete mounting provision" Added Para : The Workstation should have original Operating System and Compatible Original antivirus software with free upgrades. The offered Workstation should have bluetooth connection facility.	For better specification
Point 32.b)	Should be USFDA or European CE with four digit notified body number or BIS approved product.	As per prebid discussion	Should be USFDA or European CE with four digit notified body number or BIS approved product.	For Wider participation and to comply with make in

			OR Should comply with IEC 60601-1, IEC 60601-2, IEC 60601-2-40 and valid test report for the quoted model to be submitted from any NABL accredited lab or labs in their country origin (in case of foreign manufacturers)	India guidelines
	NA	As per prebid discussion	Added Para in BOQ: Disposable Needle electrodes for SSEP - 25 Nos	For better clarity
	NA	As per prebid discussion	Added Para : The software for 8 Channel EMG-NCS-EP System should be as per the latest international guidelines with compulsory facility for free updates. Data aquired should be portable for teaching purposes in any department computer without the need of purchase of any additional software.	For better specification
	NA	As per prebid discussion	Added Para : Water resistant cover should also be provided for the machine	For better specification

Bid Number: GEM/2021/B/1527494 Dated: 21-09-2021			
Item Name:- Basic EEG Machine			
Sl.No.	Tender Specification	Representations Received from the bidders	Committee Recommendation
1	under Performance parameter. Point No. 4 Photic stimulator". "High intensity white LED	We request you to amend the point to "High intensity LED/Xenon photic stimulator" . As we have Xenon photic stimulator, which is worldwide accepted & offer full functionality. Also we request you to mention the intensity required.	Specification of '32 Channel VEEG', is used in place of 'Basic EEG Machine' since the Video Option is mandatory.
2	under Performance parameter. Point No. 11 "Paste/gel used in EEG to be supplied - 10	We request you to amend the point to "EEG Conductive paste- 12 Jars of 200 gms or more" . As you have mentioned Gel, whereas with EEG	

	Jars of 200 gm gel (10-20 gel)".	electrodes ypu will be needing paste.	
3	under Performance parameter. Point No. 23 " Backup of UPS in hours : 2 ".	We request you to Amend the points as " Backup of UPS in hours : 1 ", As 2 KVA UPS is heavier & will require more space & furthermore may not fit in the trolley to be supplied.	
		under Performance parameter. Point No. 23 "Backup of UPS in hours : 1.	
4	under Additional accesories. Point No. 1 " Material of disc electrode : Gold plated ".	We request you to amend the specs to " Material of disc electrode : Silver ". As we offer silver electrodes which are equivalent to Gold electrodes & much more durable than Gold cup electrodes.	
5	under added Specification : Software parameters. Point No. 1 " Spike detection software ".	We request you to amend the points as " Spike detection/ Trending software ". As we offer the trending software instead of spike detection which more enhanced detection.	

Bid Number :-GEM/2021/B/1528242 dated 21.09.2021

Item Name:- 32 Channel VEEG

Sl.No.	Tender Specification	Representations Received from the bidders	Committee Recommendation	Justification
1	under Performance parameter. Point No. 4 Photic stimulator". "High intensity white LED	We request you to amend the point to " High intensity LED/Xenon photic stimulator ". As we have Xenon photic stimulator, which is worldwide accepted & offer full functionality. Also we request to mention the intensity required.	Point No. 4 Photic stimulator". "High intensity white LED / Xenon photic stimulator	For wider participation
2	under Performance parameter. Point No. 11 "Paste/gel used in EEG to be supplied - 10 Jars of 200 gm gel (10-20 gel)".	We request you to amend the point to " EEG Conductive paste- 12 Jars of 200 gms or more ". As you have mentioned Gel, wehreas with EEG electrodes ypu will be needing paste.	Point No. 11 : Standard branded EEG conductive Paste/gel of to be supplied - 10 Jars of minimum 200 gm Gel	For better clarity
3	under Performance parameter. Point No. 23 " Backup of UPS in hours : 2 ".	We request you to Amend the points as " Backup of UPS in hours : 1 ", As 2 KVA UPS is heavier & will require more space & furthermore may not fit in the trolley to be supplied. "Backup of UPS in hours : 1 Reason with modification is suggested	Point No. 23 Backup of UPS in hours : atleast 1 hour	For wider participation

		To comply and put the UPS on system Trolley , as discussed during Pre - Bid .		
4	under Additional accesories. Point No. 1 " Material of disc electrode : Gold plated ".	We request you to amend the specs to " Material of disc electrode : Silver ". As we offer silver electrodes which are equivalent to Gold electrodes & much more durable than Gold cup electrodes.	Point No. 1 Material of disc electrode : Gold plated or Silver	For wider participation
5	Added specification : under Additional accesories. Trolley for the main system from OEM and customised trolley for the review system".Qty 1 No each	We request you to amend the point as " Trolley for the main system from OEM and customised trolley for the review system ". As the OEM trolies are not designed to carry UPS, so it will not be able accomodate all the peripherals of EEG system. Additional Accessories : Trolley for the main system from Locally sourced /or OEM for Both Acquisition and review system To compy the 20% content clause of the tender as discussed during pre Bid .	Rust free Trolley for the main system from Locally sourced /or OEM for Both Acquisition and review system. Wheels should have locking facility and replacement of wheels (if required) to be done at free of cost during warranty period.	For wider participation
6	Added specification : under Software parameters. Spike detection software and event detection software with all accessories	We request you to amend the points as " Spike & Event detection/ Trending software ". As we offer the trending software instead of spike detection which more enhanced detection.	Point No. 1 : Software for showing trends and inter burst intervals	For wider participation
	Added specification : (Product Certification) USFDA/European CE with 4 digit notified body number/BIS for the quoted model	As per prebid discussion	USFDA/European CE with 4 digit notified body number/BIS for the quoted model OR Should comply with IEC 60601-1, IEC 60601-2, IEC 80601-2-26 and valid test report for the quoted model to be submitted from any NABL accredited lab or labs in their country origin (in case of foreign manufacturers)	For Wider participation and to comply with make in India guidelines
	NA	As per prebid discussion	Added Para : The Computer should	For better specification

			have original Operating System and Compatible Original antivirus software with free upgrades. The offered Computer should have bluetooth connection facility.	
	NA	As per prebid discussion	Added Para : Length of the cable from junction box to amplifier should be atleast 10 feet	For better specification
	NA	As per prebid discussion	Added Para : Water resistant zip type carry bag should also be provided to carry preamplifier.	For better specification
	NA	As per prebid discussion	Added Para : Water resistant cover should also be provided for the machine	For better specification
	NA	As per prebid discussion	Added Para : The software for 32 Channel VEEG should be provided as per the latest international guidelines with compulsory facility for free updates. Data aquired should be portable for teaching purposes in any department computer without the need of purchase of any additional software.	For better specification

Bid No. GEM/2021/B/1528117 dated 21-09-2021

Item Name:- ECG Machine (12 channel)

SI.No.	Tender Specification	Representations Received from the bidders	Committee Recommendation	Justification
1	Under Performance parameter : Size of screen in inches 9	To be amended as 7 inch disply size or more. <i>Justification: 7 inch display is</i>	Under Performance parameter : Size of screen in	For wider participation

	or more	<i>sufficient for 12 lead display</i>	inches 7 or more	
2	Under Performance parameter : Battery capacity 30 ECG or 30 minutes of continuous rhythm recording on single charge	Mains and in built rechargeable battery backup atleast 6 hrs/ 150 ECG. <i>Justification: 30 ECG back up is very less, higher battery back-up will be very convenient for busy canters</i>	Under Performance parameter : Battery capacity 100 ECG or 3 hours of continuous rhythm recording on single charge	For better specification
	Added specification : (Product Certification) USFDA/European CE with 4 digit notified body number/BIS for the quoted model	As per prebid discussion	USFDA/European CE with 4 digit notified body number/BIS for the quoted model OR Should comply with IEC 60601-1, IEC 60601-2, IEC 60601-2-25 and valid test report for the quoted model to be submitted from any NABL accredited lab or labs in their country origin (in case of foreign manufacturers)	For Wider participation and to comply with make in India guidelines
3	suggestion by bidder	Sampling rate to be atleast 15000 samples/sec/channel. <i>Justification: Higher sampling rate will give high accuracy of ECG acquisition.</i>	No Change	
4		sampling rate to be atleast 75000 samples/sec/channel for pacemaker detection. <i>Justification: to capture pacemaker pulses very high sampling rate is needed, else these pulses get uncaptured.</i>	No Change	
5		Should have interpretation with reasoning. <i>Justification: The reasoning provides great amount of clinical confidence to clinician while interpreting the ECGs</i>	No Change	
6		Machine should be able to identify more than 1000 interpretive statements. <i>Justification: Machine should be able to identify more than 1000 heart related abnormalities that helps clinician while interpretation</i>	No Change	

Note:

- I. Prospective Bidders are also advised to check the website regularly prior to the closing date and time of online submission of bids**