

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para | TENDER SPECIFICATION   | REPRESENTATION RECEIVED FROM THE FIRM   | COMMITTEE RECOMMENDATION   |
|---------|-----------------|--|---|--|
| 1       | Pg 1<br>Para 1  | Twins Monitoring should be Standard and upgradable to triplets monitoring.         | It should have wirelessTwins Monitoring & triplets monitoring as a Standard feature. Please amend this point as it is better for future & user  | <b>Amended as:</b><br>It should have Wireless twins Monitoring as Standard and preferably upgradable to triplets monitoring. |
|         |                 |  | It should have wirelessTwins Monitoring & triplets monitoring as a Standard feature<br>Remarks: Kindly amend this point as it is better for future & user   |  |
|         |                 |  | Requesting to remove upgradable to triplets<br>Reason for Changes: We request to remove Triplets for the wider Participation.   |  |
| 2       | Pg 1<br>Para 2  | Cross Channel Verification when both US transducer picking same signal (For Twins) | It should have Cross Channel Verification when both US transducer picking same signal Twins Monitoring & triplets monitoring. Please amend this point as it is better for future & user                       | No Change  |
|         |                 |  | It should have Cross Channel Verification when both US transducer picking same signal Twins Monitoring & triplets monitoring<br>Remarks: Kindly amend this point as it is better for future & user            |  |
| 3       | Pg 1<br>Para 3  | Twins offset facility (for Twins)  | It should have, Triplet offset facility (for Triplet) Please amend this point as it is better for future & user   | No Change  |
|         |                 |  | It should have, Triplet offset facility (for Triplet)<br>Remarks: Kindly amend this point as it is better for future & user   |  |
| 4       | Pg 1<br>Para 4  | Beat to Beat sensitivity should be minimum 25 BPM through US transducers           | Beat to Beat sensitivity should be minimum 30 BPM through US transducers<br>Remarks: More bidders can participate.  | No Change  |
|         |                 |  | Beat to Beat sensitivity should be minimum 20 or more BPM through US transducers. Please amend this point as there is no need for more than 15 BPM  |  |
|         |                 |  | Beat to Beat sensitivity should be minimum 20 or more BPM through US transducers<br>Remarks: Kindly amend this point as there is no need for more than 15 BPM   |  |
| 5       | Pg 1<br>Para 5  | Should have Minimum 6.5 Inch Color TFT High Resolution Display.                    | should have Minimum 6.5 Inch Color TFT High Resolution Display with on screen waveform display feature.   | <b>Amended as:</b><br>Should have Minimum 12 Inch Color TFT High Resolution Display.   |
|         |                 |  | Should have Minimum 12 Inch Color TFT High Resolution Display. Please amend this point as bigger display helps to see all the parameters all together & comfortably for better interpretation & understanding |  |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para | TENDER SPECIFICATION  | REPRESENTATION RECEIVED FROM THE FIRM   | COMMITTEE RECOMMENDATION  |
|---------|-----------------|---|---|---|
|         |                 |   | Should have Minimum 12 Inch Color TFT High Resolution Display.<br>Remarks: Kindly amend this point as bigger display helps to see all the parameters all together & comfortably for better interpretation & undersatnding   |   |
|         |                 |   | Should have Minimum 6.5 Inch Color TFT/LCS High Resolution Display.<br>Reason for Changes: Requesting to accept LED display as well   |   |
| 6       | Pg 1<br>Para 6  | Should Have Touch Screen Facility   | Should Have Rotary Knob/ Touch Screen Facility<br>Reason for Changes: This will help for wider participation  | <b>Amended as:</b><br>Should have Rotary Knob/ Touch Screen Facility                  |
| 7       | Pg 1<br>Para 7  | Should be upgradable to Maternal ECG and NIBP                                       | Pls clarify this feature,whether it should be standard or upgradable?<br>It should have Maternal ECG, NIBP & SpO2 as a standard feature. Please amend this point as mother monitoring is also essential & it is better for future & user<br>It should have Maternal ECG, NIBP & SpO2 as a standard feature<br>Remarks: Kindly amend this point as mother monitoring is also essential & it is better for future & user<br>Requesting to add Maternal SPO2 well and to make it standard instead of upgradation<br>Reason for Changes: Charting solution asked for maternal SPO2, NIBP and ECG  | <b>Amended as:</b><br>It should have Maternal ECG, NIBP & SpO2 as a standard feature. |
| 8       | Pg 1<br>Para 8  | Should have at least One Hour Trace Storage and Facility for taking a fast Printout | It Should have at 30000 Hours Trace Storage & Facility to play back, can take the printout from the storage & the 4000 hours trace can be saved in USB Pen drive & can take printout from any computer on A4 sze paper. Please amend this point to have record of maximum patients & saved data on USB pen drive is easy to take printout & can save paper. Also beneficial for medico leagl purpose<br>It Should have at 30000 Hours Trace Storage & Facility to play back, can take the printout from the storage & the 4000 hours trace can be saved in USB Pen drive & can take printout from any computer on A4 sze paper<br>Remarks: Kindly amend this point to have record of maximum patients & saved data on USB pen drive is easy to take printout & can save paper. Also beneficial for medico leagl purpose | No Change   |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para | TENDER SPECIFICATION  | REPRESENTATION RECEIVED FROM THE FIRM  | COMMITTEE RECOMMENDATION |
|---------|-----------------|---|--|--------------------------|
|         |                 |   | Requesting to remove the same<br>Reason for Changes: Since charting solution is asked, this may not be relevant.   |                          |
| 9       | Pg 1<br>Para 9  | Quantitative Fetal Movement Analysis with Percentage movement Calculation and Averaging Facility            | There should be automatic CTG reporting with scoring according to FISHER, KREBS, ACOG & NS-CTS. Please amend this point as automatic reporting is latest & give better analysis of maternal & fetal monitoring<br><br>There should be automatic CTG reporting with scoring according to FISHER, KREBS, ACOG & NS-CTS<br>Remarks: Kindly amend this point as automatic reporting is latest & give better analysis of maternal & fetal monitoring<br><br>Requesting to remove it<br>Reason for Changes: Since charting solution is asked, this may not be relevant | No Change                |
| 10      | Pg 1<br>Para 10 | Remote Event Marker Facility  | Wireless Remote Event Marker Facility. wireless is comfortable for patient & no maintenance.<br><br>Wireless Remote Event Marker Facility<br>Remarks: wireless is comfortable for patient & no maintenance<br><br>Requesting to remove the same<br>Reason for Changes: Since charting solution is asked, this may not be relevant  | No Change                |
| 11      | Pg 1<br>Para 13 | Green Grid Z fold thermal paper printing by integrated Thermal Printer                                      | Green Grid Z fold thermal paper/white thermal paper with grid printing by integrated Thermal Printer   | No Change                |
| 12      | Pg 1<br>Para 15 | Upgradable to Interface to Fetal Telemetry System   | Please Remove This point As this feature is not needed when central monitoring is there<br><br>Kindly Remove This point<br>Remarks: As this feature is not needed when central monitoring is there   | Deleted                  |
| 13      | Pg 1<br>Para 16 | Water Proof transducers with LED Indicators   | Water Proof transducers<br>Remarks: This feature is limited to only one company.<br><br>Requesting to remove LED indicators<br>Reason for Changes: This will help for wider participation.   | Deleted                  |
| 14      | Pg 1<br>Para 17 | Should have automatic Channel Management so that the fetal monitor can detect any Transducer in any socket. | Should be color coded transducer socket.<br>Remarks: This feature is limited to only one company.  | Deleted                  |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para | TENDER SPECIFICATION  | REPRESENTATION RECEIVED FROM THE FIRM  | COMMITTEE RECOMMENDATION  |
|---------|-----------------|---|--|---|
| 15      | Pg 1<br>Para 19 | Wall Mount facility should be available   | Pls clarify, whether wall mount stand is to be supplied along with machine?  | <b>Amended as:</b><br>Wall mount stand should be supplied as standard.  |
| 16      | Pg 1<br>Para 21 | Must be a US FDA and CE approved equipment  | Must be a US FDA / CE / BIS approved equipment. Kindly amend this point  | <b>Amended as:</b><br>Equipment Should be European CE with four digit notified body number or USFDA or BIS approved for the quoted model and certificate to be submitted.   |
|         |                 |   | Must be a US FDA / CE / BIS approved equipment<br>Remarks: Kindly amend this point   |   |
| 17      | Pg 1<br>Para 1  | <b>Fetal Monitor Central charting and viewing station:</b> It should support a maximum of 250 monitors connectivity .   | Pls clarify, nursing software license is required for how many CTG monitors?<br>Remarks: Software license cost vary on number of units to be connected   | <b>Amended as:</b><br><b>Fetal Monitor Central charting and viewing station:</b> It should support a minimum of 16 monitors connectivity with software license.   |
| 18      | Pg 1<br>Para 2  | <b>Fetal Monitor Central charting and viewing station:</b> It should support a maximum of 250 monitors connectivity.  | It should support 16/ 32 / 64 or more monitors connctivity . Kindly amend this point as the demand is only 10 units & 250 monitors connctivity will unnecessary increase the price to very higher side   | <b>Amended as:</b><br><b>Fetal Monitor Central charting and viewing station:</b> It should support a minimum of 16 monitors connectivity.   |
|         |                 |   | It should support 16/ 32 / 64 or more monitors connctivity .<br>Remarks: Kindly amend this point as the demand is only 10 units & 250 monitors connctivity will unnecessary increase the price to very higher side   |   |
| 19      | Pg 1<br>Para 3  | <b>Fetal Monitor Central charting and viewing station:</b> It should provide viewing access of data through tablets.  | Kindly delete this point. When CNS is there no need for the same as it again increase unnecesary cost for no use   | <b>Deleted</b>  |
|         |                 |   | Kindly delete this point<br>Remarks: When CNS is there no need for the same as it again increase unnecessary cost for no use   |   |
| 20      | Pg 1<br>Para 5  | <b>Fetal Monitor Central charting and viewing station:</b> It should record Fetal Heart Rate (up to 3 at a time), Toco, Intrauterine Pressure, Direct Fetal Heart Rate, Maternal ECG, Maternal pulse, SpO2, Temperature and NBP | It should record Fetal Heart Rate (up to 3 at a time), Toco, Intrauterine Pressure, Direct Fetal Heart Rate, Maternal ECG, Maternal pulse, SpO2, and NIBP<br>Remarks: Our machine does not have temp monitoring facility. Pls delete this feature in order to enable us to participate | <b>Amended as:</b><br>Fetal Monitor Central charting and viewing station: It should record Fetal Heart Rate (up to 3 at a time), Toco, Direct Fetal Heart Rate, Maternal ECG, Maternal pulse, SpO2, Temperature and NBP |
|         |                 |   | It should record Fetal Heart Rate (up to 3 at a time), Toco, Direct Fetal Heart Rate, Maternal ECG, Maternal pulse, SpO2, Temperature and NBP.<br>Kindly amend this point as Intrauterine pressure is not needed & is Anepratum feature means it will be invaisive procedure           |   |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para | TENDER SPECIFICATION  | REPRESENTATION RECEIVED FROM THE FIRM   | COMMITTEE RECOMMENDATION   |
|---------|-----------------|---|---|--|
|         |                 |   | It should record Fetal Heart Rate (up to 3 at a time), Toco, Direct Fetal Heart Rate, Maternal ECG, Maternal pulse, SpO2, Temperature and NB<br>Remarks: Kindly amend this point as Intrauterine pressure is not needed & is Anepratum feature means it will be invaisive procedure   |  |
| 21      | Pg 2<br>Para 7  | <b>Fetal Monitor Central charting and viewing station:</b> It should perform Non-Stress Test and provide report based on Dawes and Redman / NICHD 1997 / NICHD 2008 guidelines. | There should be automatic CTG reporting with scoring according to FISHER / KREBS / ACOG / NS-CTS<br>Remarks: Kindly amend this point as these are latest International guidelines by ACOG America   | No Change  |
| 22      | Pg 2<br>Para 8  | <b>Fetal Monitor Central charting and viewing station:</b> It should have remote view and control over monitor.   | Pls clarify, whether this remote view will be thru Mobile/tablet. this feature will require a good speed leased line Internet facility in hospital for remote view from outside hospital.   | Deleted  |
| 23      | Pg 2<br>Para 10 | <b>Fetal Monitor Central charting and viewing station:</b> It should have capability to enter notes and vitals on trace.  | Please delete this point. For the better participation in the bid as most vendors do not have this facility & it is not very essential feature<br><br>Kindly delete this point<br>Remarks: For the better participation in the bid as most vendors do not have this facility & it is not very essential feature                                 | Deleted  |
| 24      | Pg 2<br>Para 12 | <b>Fetal Monitor Central charting and viewing station:</b> It should display notes and events marked on monitor.  | It should display events marked on monitor. Kindly amend this point<br><br>It should display events marked on monitor.<br>Remarks: Kindly amend this point  | Deleted  |
| 25      | NA              | NA  | We also would like to know that Hardware including PC, Monitor and server will be provided by the bidder or hospital?<br>If it will be provided by the hospital, then you are requested to please provide the hardware configuration of the server/hardware for the better connectivity of the software with the hardware provided by the user. | Details of required hardware & software is added   |
| 26      | NA              | <b>Additional points suggested by Bidder</b>  | Water proof Wireless probes for TOCO, FHR & Moveme set Each)<br><br>It should be Android base CTG   | <b>Added Para:</b><br>Water proof Wireless probes for TOCO, FHR & Moveme set Each)<br><br>Not considered |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para | TENDER SPECIFICATION | REPRESENTATION RECEIVED FROM THE FIRM           | COMMITTEE RECOMMENDATION |
|---------|-----------------|----------------------|---|--------------------------|
|         |                 |                      |   |                          |
|         |                 |                      | It should have more than 3 hours battery backup | Not considered           |
|         |                 |                      | It should have inbuilt 152 mm thermal printer   | Not considered           |
|         |                 |                      | It should have broad beam technology            | Not considered           |
|         |                 |                      | It should have no antenna for wireless probes.  | Not considered           |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)**

**Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022**

**Item Name: CTG Machine with Central Monitor**

| Sr. No. | ATC Page & Para          | TENDER SPECIFICATION                         | REPRESENTATION RECEIVED FROM THE FIRM   | COMMITTEE RECOMMENDATION   |
|---------|--------------------------|--|---|--|
| 27      | NA                       | <b>Additional points suggested by Bidder</b> | Request to add the scope of supply table with following minimum configuration details for Fetal Monitor Central charting and viewing station:<br>1. Server with minimum configuration of (Intel Xenon 2*1.5 GHZ processor 12C Silver, 8 TB storage, 128GM RAM); Quantity 2<br>2. Windows Server OS: Original Microsoft windows server 2019 OS LIC; Quantity 5<br>3. Virtualization LIC: Original VMware ESXI LIC 6.0 or higher; Quantity 2<br>4. Labor & Delivery room with ALL in ONE PC with minimum 19" Display; Quantity 10<br>5. Mounting for Keeping the all in one PC; Quantity 10<br>6. Central Station with ALL in ONE PC with minimum 21" Display (Ram: 16GB, Processor Core i5, Storage: 120 GB); Quantity 1<br>7. Integration connection BOX (IOT)- minimum 4 Ports or Network Port two in each LnD Room per Fetal Monitor; Quantity 10<br>8. Integration Cable for Fetal Monitor; Quantity 6<br>9. Software LIC for LND Room for charting; Quantity 6<br>10. Software LIC for the Staff to View and Edit from Doctors room; Quantity 6<br>11. Software LIC for HL7 integration to HIS/EMR (Institute); Quantity 1<br>12. Network Switch 24 port; Quantity 1<br>13. LAN Cabling for network for 10 LNDs (total 20 ports) and Server Connectivity in the datacenter room; Quantity 1 | <b>Added Para:-</b><br>1. Server with minimum configuration of (Intel Xenon 2*1.5 GHZ processor 12C Silver, 8 TB storage, 128GM RAM) along with latest compatible Windows Server OS : 1 No<br>2. Central Station with All in ONE PC with minimum 21" Display (RAM: 16GB, Processor Core i5, Storage: 120 GB) : 1 No<br>3. LAN cabling between CTG & server to be done by the bidder and price to be quoted separately.<br>4. Any other hardware/software required for CTG to be supplied without any additional cost |
|         |                          |  |   |  |
|         |                          | <b>COMMERCIAL QUERY</b>                      |   |  |
|         |                          |  |   |  |
| Sr. No. | Bid Document Page & Para | TENDER SPECIFICATION                         | REPRESENTATION RECEIVED FROM THE FIRM   | COMMITTEE RECOMMENDATION   |

**Response To Pre-Bid Queries (Pre-Bid date: 22.02.2022)****Bid Number: GEM/2022/B/1955584 Dated: 17-02-2022****Item Name: CTG Machine with Central Monitor**

| <b>Sr. No.</b> | <b>ATC Page &amp; Para</b>      | <b>TENDER SPECIFICATION</b>  | <b>REPRESENTATION RECEIVED FROM THE FIRM</b>   | <b>COMMITTEE RECOMMENDATION</b> |
|----------------|---------------------------------|------------------------------|--|---------------------------------|
| 1              | Pg 2<br>MII Purchase Preference | MII Purchase Preference: Yes | <p>We would like to bring to your notice that the asked specifications are not available with any of the make in India companies.</p> <p>However, we are completely aligned with the MII( Make in India), we are already manufacturing various medical equipment and its parts in our Pune factory. We are in discussion with our higher official to start manufacturing remaining medical equipment( Like – Patient monitor, CTG, ECG &amp; many more ) in India to come in CLASS II ( 21% - 50 % ) category.</p> <p>We request you to please make the Change Make in India preference to NO for wider participation.</p> | No change                       |