

### RA Document

| RA Details   |  |
|--|--|
| RA Technical End Date/Time                             | 08-05-2020 17:00:00  |
| RA Life Cycle (From Publish Date)                      | 90 (Days)  |
| RA Offer Validity (From End Date)                      | 80 (Days)  |
| Ministry/State Name                                    | Ministry Of Health And Family Welfare  |
| Department Name  | Department Of Health And Family Welfare  |
| Organisation Name                                      | All India Institute Of Medical Sciences (aiims)  |
| Office Name  | Raipur   |
| Total Quantity   | 2  |
| Item Category  | Multipara Monitor - Low End  |
| OEM Average Turnover (Last 3 Years)                    | 1 Lakh (s)   |
| Experience Criteria                                    | 3 Year (s)   |
| MSE Exemption For Years Of Experience And Turnover     | No   |
| Startup Exemption For Years Of Experience And Turnover | Yes  |
| Document required from seller                          | Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover<br>*In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Past Performance                                       | 50 %   |
| Estimated RA Value                                     | 98560  |

### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### Splitting

RA splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Multipara Monitor - Low End ( 2 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

| Specification          | Specification Name                    | Values  | Bid Requirement (Allowed Values) |
|------------------------|---------------------------------------|---|----------------------------------|
| Standards              | Conformity to Certifications          | -   | *                                |
|                        | Conformity to Manufacturing Standards | ISO 9001 & ISO 13485  | *                                |
|                        | Conformity to Safety Standards        | ISO 80601-2-49 and IEC 60601-1 or BIS equivalent  | *                                |
| Performance Parameters | Purpose                               | Low-end monitors are designed to perform basic vital-signs monitoring. These monitors may also be appropriate for IPD as well as OPD patients | *                                |
|                        | Type of Monitor                       | Preconfigured / Non Modular   | Preconfigured / Non Modular      |
|                        | Monitoring Parameters                 | ECG,HR, NIBP, PR, respiratory rate, SpO2,   | *                                |

|                           |  |                             |                            |
|---------------------------|--|-----------------------------|----------------------------|
|                           |  | and body temperature        |                            |
| ECG parameters            | <b>Number of leads of ECG</b>  | 5                           | 5                          |
|                           | <b>12-lead interpretation for ECG</b>  | No                          | Yes, No                    |
|                           | Arrhythmia detection and analysis  | Yes                         | *                          |
|                           | <b>Number of leads analyzed for ECG in single time</b>   | 5                           | 5                          |
|                           | Heart rate measurement range   | At-least 30 -250 BPM        | *                          |
|                           | Accuracy   | ± 5 BPM                     | *                          |
|                           | Minimum gradation  | 1 bpm                       | *                          |
| Respiration Parameters    | Respiration Method   | Impedance pneumography      | *                          |
|                           | Display waveform of respiration  | Yes                         | *                          |
|                           | Threshold control for respiration  | Yes                         | *                          |
|                           | Respiration rate measurement range   | At-least 0-100 bpm          | *                          |
|                           | Minimum gradation of respiratory measurement   | 1 BPM                       | *                          |
| Pulse Oximetry Parameters | <b>Measurement technique</b>   | Others                      | Others                     |
|                           | Other Measuring Techniques (In case measurement technique is nelcor, masimo , draeger, oxisure, trusignal put NA otherwise indicate the measurement technique) | -                           | *                          |
|                           | <b>Probe type supplied</b>   | Adult,Pediatric,Neonatal    | Adult, Pediatric, Neonatal |
|                           | <b>Type of adult probe</b>   | Reusable                    | Reusable                   |
|                           | <b>Type of pediatric probe</b>   | Reusable                    | Reusable                   |
|                           | <b>Type of neonatal probe</b>  | Reusable                    | Reusable                   |
|                           | SPO2 measurement range   | Atleast 40-70 % & 70 to 99% | *                          |

|                        |   |  |                            |
|------------------------|---|--|----------------------------|
| NIBP Parameters        | Accuracy of SPO2 measurement  | Better than $\pm 1$ % for 40-70 range & better than $\pm 3$ % for 70-99 range  | *                          |
|                        | Minimum Gradation   | 1%   | *                          |
|                        | Measurement technique for NIBP  | Step-deflation oscillometric   | *                          |
|                        | <b>Cuff supplied</b>  | Adult, Pediatric, Neonatal   | Adult, Pediatric, Neonatal |
|                        | <b>Cuff size for Adult</b>  | Large  | Large                      |
|                        | <b>Cuff size for pediatric</b>  | Standard   | Standard                   |
|                        | <b>Cuff size for neonate</b>  | Standard   | Standard                   |
|                        | Blood pressure monitoring range   | 30-300mm/Hg  | *                          |
|                        | Gradation   | 1 mm/Hg or better  | *                          |
|                        |   |  |                            |
| Temperature Parameters | <b>Number of channels for temperature</b>   | 2  | 2                          |
|                        | <b>Probe type</b>   | skin   | skin                       |
|                        | Temperature probe type  | Reusable   | *                          |
|                        | Temperature probe range   | Atleast 30 - 40 degree   | *                          |
|                        | Minimum gradation of temp probe   | 1/10 degreeC   | *                          |
|                        | Accuracy in %   | $\pm 1\%$  | *                          |
|                        | Length of time of full disclosure of patient data in hr   | $\geq 48$  | *                          |
|                        | Operating conditions  | Capable of operating continuously in ambient temperature of 0 to 50 de c and relative humidity of 15 to 90% in ideal circumstances | *                          |
|                        | Length of time of trending in hr  | $\geq 24$  | *                          |
| Alarms                 | Opeartor can set audio visual alarm levels for low or high levels of each parameter independently | Yes  | *                          |
|                        | Systolic BP - low and high  | Yes  | *                          |
|                        | Diastolic BP - low and  | Yes  | *                          |

|                       |  |                  |             |
|-----------------------|--|------------------|-------------|
|                       | high   |                  |             |
|                       | Mean BP - low and high                                       | Yes              | *           |
|                       | Heart rate - low and high                                    | Yes              | *           |
|                       | SPO2 - low and high  | Yes              | *           |
|                       | Respiratory rate - low and high                              | Yes              | *           |
|                       | Temperature -low and high                                    | Yes              | *           |
|                       | Alarm Volume should be adjustable                            | Yes              | *           |
|                       | Type of alarm  | Audio and Visual | *           |
|                       | Activating silence of alarm                                  | Yes              | *           |
|                       | <b>Duration of alarm silence in sec</b>                      | 120              | 120         |
|                       | Suspension of all alarms                                     | Yes              | *           |
|                       | Latching of alarms   | Yes              | *           |
|                       | Cuff leakage alarm   | Yes              | *           |
|                       | Cuff disconnect alarm  | Yes              | *           |
|                       | Alarm for inflation/deflation errors                         | Yes              | *           |
|                       | Low battery voltage indication                               | Yes              | *           |
|                       | Sensor/ wire/probe disconnection alarm                       | Yes              | *           |
| Networking Parameters | Ethernet port  | Yes              | *           |
|                       | <b>Wireless</b>  | No               | Yes, No     |
|                       | <b>USB port</b>  | Yes              | Yes         |
|                       | <b>Connectivity provision with Central Nursing Station</b>   | Yes              | Yes         |
| Display Parameters    | <b>Type of display</b>                                       | TFT              | TFT         |
|                       | <b>Display Size,inch with <math>\pm 5\%</math> tolerance</b> | 10               | 10          |
|                       | Traces of display  | 6 or more        | *           |
|                       | <b>User Interface of display</b>                             | Rotary knob      | Rotary knob |
|                       | <b>Inbuilt thermal Recorder (Printer)</b>                    | No               | Yes, No     |

|                                      |   |                            |                            |
|--------------------------------------|---|----------------------------|----------------------------|
|                                      | Display must allow easy viewing at all ambient light levels                                     | Yes                        | *                          |
| Standard Accessories                 | <b>Resusable SpO2 probe</b>   | Adult,Pediatric,Neonatal   | Adult, Pediatric, Neonatal |
|                                      | <b>Number of adult probe</b>  | 2                          | 2                          |
|                                      | <b>Number of pediatric probe</b>  | 2                          | 2                          |
|                                      | <b>Number of neonatal probe</b>   | 1                          | 1                          |
|                                      | <b>ECG cable</b>  | 5 lead                     | 5 lead                     |
|                                      | <b>Number of ECG cable</b>  | 1                          | 1                          |
|                                      | Skin and Rectal temperature probe   | 1                          | *                          |
| Additional Parameters                | <b>Accessories to wall mount the monitor</b>  | Yes                        | Yes                        |
|                                      | Weight of the Machine in kg   | 5.4                        | *                          |
|                                      | Noise level in dB   | 50                         | *                          |
|                                      | Body of the monitor to be strong , durable and splash proof                                     | Yes                        | *                          |
|                                      | Should be supplied with protective case for clean storage and safe transport                    | Yes                        | *                          |
| Power Requirements                   | Type of power supply in VAC,Hz  | 220-240, 50Hz Single Phase | *                          |
|                                      | Mains cable to be atleast 3m length Indian type 3 pin   | Yes                        | *                          |
|                                      | <b>Type of battery backup</b>   | Lithium-ion ,rechargeable  | Lithium-ion ,rechargeable  |
|                                      | <b>Backup time in minutes</b>   | 120                        | 120                        |
|                                      | <b>Recharging time of battery in hr</b>   | ≤6                         | ≤6                         |
| Warranty, Servicing and Installation | Original User / Technical manuals to be supplied in English in hard and soft copy               | Yes                        | *                          |
|                                      | Installation, Demonstration and training to be provided at consignee end at any part of country | Yes                        | *                          |

|   |     |     |
|---|-----|-----|
| The Principal Manufacturer Must Have Direct Presence/approved service center In India   | Yes | *   |
| Advanced maintenance task required shall be documented and procedures required for local calibration and routine maintenance and list of imp spare parts with accessories along with part numbers to be furnished | Yes | *   |
| <b>Availability of toll free facility for technical support maintained by OEM or authorized agencies</b>  | Yes | Yes |
| <b>Comprehensive Warranty in Years</b>  | 3   | 3   |
| Copies of all certifications and reports to be provided to buyer on demand at time of supplies  | Yes | *   |

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

#### Consignee/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address                          | Quantity | Delivery Days |     |
|-------|-----------------------------|----------------------------------|----------|---------------|-----|
| 1     | Parijat Diwan               | 492001,AIIMS Raipur<br>Tatibandh | 2        | 30            | N/A |

### Bid Specific Additional Terms and Conditions

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in india specific authorisation certificate needs to be enclosed.
4. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves

the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

5. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
6. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
7. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
8. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

[This RA is also governed by the General Terms and Conditions](#)

**---Thank You---**