

### Bid Document

| Bid Details  |   |
|--|---|
| Bid End Date/Time                                      | 27-07-2020 19:00:00   |
| Bid Opening Date/Time                                  | 27-07-2020 19:30:00   |
| Bid Life Cycle (From Publish Date)                     | 90 (Days)   |
| Bid Offer Validity (From End Date)                     | 30 (Days)   |
| Ministry/State Name                                    | Gujarat   |
| Department Name  | Panchayats And Rural Housing Department Gujarat   |
| Organisation Name                                      | N/a   |
| Office Name  | District Panchayat Mahisagar Lunawada   |
| Total Quantity   | 14  |
| Item Category  | ECG Machine   |
| Bidder Turnover (Last 3 Years)                         | 3 Lakh (s)  |
| OEM Average Turnover (Last 3 Years)                    | 3 Lakh (s)  |
| Experience Criteria                                    | 1 Year (s)  |
| MSE Exemption for Years Of Experience and Turnover     | Yes   |
| Startup Exemption for Years of Experience and Turnover | No  |
| Document required from seller                          | Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),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 %  |
| Bid to RA enabled                                      | No  |
| Inspection Required                                    | No  |
| Estimated Bid Value                                    | 625000  |

### EMD Detail

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

### ePBG Detail

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

### Splitting

Bid 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.

## ECG Machine ( 14 pieces )

### Technical Specifications

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

| Specification          | Specification Name  | Values   | Bid Requirement (Allowed Values)   |
|------------------------|---|--|--|
| Certificates           | <b>Confirmity to standards</b>  | European CE  | European CE  |
|                        | Certification number and date   | -  | *  |
|                        | Confirmity to safety of electromagnetic compatibility                                     | IEC-60601-1-2:2001 (or equivalent BIS)   | *  |
|                        | Confirmity to safety standard   | IS - 13450 / IEC60601-1-2005   | *  |
| Performance Parameters | <b>Purpose</b>  | ECG machine is primary equipment to record ECG signal with interpretation which is required for recording and analyzing the waveforms with software. | ECG machine is primary equipment to record ECG signal with interpretation which is required for recording and analyzing the waveforms with software. |
|                        | Operating modes of ECG Machine  | Automatic, Manual and Rhythm   | *  |
|                        | ECG machine should have ECG lead annotation facility                                      | Yes  | *  |
|                        | Leads which is in ECG machine should be able to acquire simultaneously and interpret them | 12   | *  |
|                        | <b>Number of channels</b>   | 3  | 3  |
|                        | ECG machine should acquire lead ECG for both adult and paediatric patients                | Yes  | *  |
|                        | The ECG machine should have facility to show lead fail indication                         | Yes  | *  |
|                        | The ECG machine should have facility to show lead   | Yes  | *  |

|   |   |  |
|---|---|--|
| reversal indication   |   |  |
| The ECG machine should have facility to show the impedance to quality check of connection   | Yes   | *  |
| Acquisition time for ECG Machine in sec   | 10 sec  | *  |
| Digital sampling rate for Pacemaker spike detection   | 40000 s/sec/channel   | *  |
| Recording of digital sampling for pacemaker   | 1000 s/sec/channel  | *  |
| ECG machine should have real time colour backlit display of ECG waveforms with signal quality indication for each lead  | Yes   | *  |
| ECG machine should have frequency filters   | Artifact, AC and low and high pass frequency filters  | *  |
| <b>Number of ECGs which can be store in ECG Machine</b>   | 50-99   | 50-99  |
| <b>ECG machine should have full screen preview of ECG report for quality assessment checks prior to print</b>   | Yes   | Yes  |
| <b>Type of inbuilt screen</b>   | LCD   | LCD  |
| <b>Size of screen in inches</b>   | 5   | 5  |
| Display resolution of ECG machine in pixels   | 640 x 480   | *  |
| ECG machine should have interpretation facility of the amplitudes, duration and morphologies of ECG waveforms and associated rhythm for adult and pediatric patient | Yes   | *  |
| <b>ECG machine should have alphanumeric keyboard for patient data entry</b>   | Hard keys   | Hard keys  |
| <b>Size of printing paper</b>   | A4  | A4   |
| Resolution of digital array printer using thermal sensitive paper in ECG Machine in dpi   | 200 dpi x 500 dpi on 25 mm/sec speed  | *  |
| ECG machine report format   | Report formats of 3x4; 6x2, Rhythm for up to selected leads, 12 lead extended measurement, 1 minute of continuous waveform data for 1 selected lead | *  |
| <b>Provision of battery</b>   | Yes   | Yes  |
| <b>Battery capacity</b>   | 50 ECG or 1 hour of continuous rhythm recording on single charge  | 50 ECG or 1 hour of continuous rhythm recording on single charge |

|                          |   |   |                     |
|--------------------------|---|---|---------------------|
|                          | <b>Connectivity to ECG Machine</b>  | LAN   | LAN                 |
|                          | Storage on external portable memories   | USB support   | *                   |
|                          | The individual patient lead should be change without replacing the whole patient cable assembly | Yes   | *                   |
|                          | Noise level in dba  | 40  | *                   |
|                          | Weight of ECG Machine in Kg   | 2   | *                   |
|                          | Frequency in Hz   | 300   | *                   |
|                          | <b>Availability of latest interpretation software</b>   | Yes   | Yes                 |
|                          | <b>Wireless acquisition module with RF technology</b>   | Yes   | Yes                 |
|                          | <b>System should have the dedicated software to download the ECG form machine in PDF format</b> | Yes   | Yes                 |
|                          | <b>Warranty in years</b>  | 3   | 3                   |
|                          | User and service manual of ECG Machine  | Yes   | *                   |
| Environmental Parameters | Operating temperature and humidity  | temperature of 10-40 degree C and relative humidity of 15-90% | *                   |
| Trolley                  | <b>Provision of trolley</b>   | No  | No                  |
|                          | <b>Material of Frame of trolley</b>   | No Trolley Provided   | No Trolley Provided |
|                          | <b>Material of Top of trolley</b>   | No Trolley Provided   | No Trolley Provided |
|                          | <b>Number of castors</b>  | No Trolley Provided   | No Trolley Provided |
|                          | <b>Number of brakes for castors</b>   | No Trolley Provided   | No Trolley Provided |
|                          | <b>Height of trolley in inch</b>  | No Trolley Provided   | No Trolley Provided |
|                          | <b>Provision of railing for top shelf</b>   | No Trolley Provided   | No Trolley Provided |
|                          | <b>Availability of suitable cable arm having holder for ECG cables when not in use</b>          | No Trolley Provided   | No Trolley Provided |
| Power Supply             | Power input   | 220-240 V AC, 50 Hz fitted with Indian plug                   | *                   |
|                          | Length of power cable in meter  | 3   | *                   |
|                          | Resettable over current breaker shall be fitted for protection                                  | Yes   | *                   |
| Accessories              | <b>ECG Machine 12 leads with interpretation</b>   | 1   | 1                   |
|                          | <b>Patient Cable</b>  | 2   | 2                   |
|                          | <b>Chest Electrodes Adult (set of Six)</b>  | 1   | 1                   |

|         |  |                                   |                                   |
|---------|--|-----------------------------------|-----------------------------------|
|         | <b>Chest Electrodes Paediatric (set of Six)</b>  | 2                                 | 2                                 |
|         | <b>Limb Electrodes</b>   | 2 for adults and 2 for paediatric | 2 for adults and 2 for paediatric |
|         | <b>Thermal paper for 500 patients</b>  | 1 SET                             | 1 SET                             |
|         | <b>Power cable for charging</b>  | Yes                               | Yes                               |
|         | <b>Supplied with Clip electrode</b>  | Yes                               | Yes                               |
| Reports | Manufacturer shall be ISO certified  | ISO 13485                         | *                                 |
|         | ISO certification details such as date and number  | -                                 | *                                 |
|         | <b>Availability of test report from govt/ NABL/ILAC accredited lab covering all parameters</b> | Yes                               | Yes                               |
|         | Test report number , In case test reports not available , put NA                               | -                                 | *                                 |
|         | Test report date, In case test reports not available , put NA                                  | -                                 | *                                 |
|         | Name of test lab , In case test reports not available , put NA                                 | -                                 | *                                 |
|         | Address of test lab , In case test reports not available , put NA                              | -                                 | *                                 |
|         | <b>Copies of all test reports to be provided to buyer on demand at time of supplies ,</b>      | Yes                               | 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

#### Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address   | Quantity | Delivery Days |
|-------|-----------------------------|---|----------|---------------|
| 1     | Swapnil Shah                | 389230,C/ 110 DISTRICT PANCHAYAT MAHISAGAR LUNAWADA | 14       | 15            |

#### Bid Specific Additional Terms and Conditions

1. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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.
2. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 1 years

- residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
3. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
  4. 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 1 year 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 primary product having highest value should meet this criterion.
  5. 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.
  6. 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
  7. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 10 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
  8. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

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

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