

Bid Document

| Bid Details | |
|--|---|
| Bid End Date/Time | 22-07-2020 14:00:00 |
| Bid Opening Date/Time | 22-07-2020 14:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 30 (Days) |
| Ministry/State Name | Delhi |
| Department Name | Health And Family Welfare Department Delhi |
| Organisation Name | N/a |
| Office Name | Sanjay Gandhi Memorial Hospital |
| Total Quantity | 3 |
| Item Category | Anaesthesia Workstation |
| Bidder Turnover (Last 3 Years) | 42 Lakh (s) |
| OEM Average Turnover (Last 3 Years) | 42 Lakh (s) |
| Experience Criteria | 3 Year (s) |
| MSE Exemption for Years of Experience and Turnover | No |
| 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 *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 | 80 % |
| Bid to RA enabled | No |
| Inspection Required | Yes |
| Inspection to be carried out by Buyers own empanelled agency | Yes |
| Type Of Inspection | Post Dispatch |
| Name of the Empanelled Inspection Agency/ Authority | Board of Officers |

EMD Detail

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| Advisory Bank | State Bank of India |
| EMD Percentage(%) | 2.00 |
| EMD Amount | 168000 |

ePBG Detail

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|-------------------------------------|---------------------|
| Advisory Bank | State Bank of India |
| ePBG Percentage(%) | 10.00 |
| Duration of ePBG required (Months). | 62 |

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Purchase Officer

Sanjay Gandhi Memorial Hospital, Health and Family Welfare Department Delhi, N/A,
(Dr.sumita Saha Kanwar)

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 80% 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.

Anaesthesia Workstation (3 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|------------------------|--|--|--|
| Standards | Conformity to standards | - | * |
| | Certification date and number | - | * |
| | Certification of manufactures | ISO 9001 & ISO 13485 | * |
| | ISO certification number and date | - | * |
| | Confirmity to medical electrical safety standards | IEC60601-2-13 and BS EN 6060-1-1 | * |
| Performance Parameters | Purpose of anaesthesia workstation | Anesthetic machine in used to provide an accurate and continuous supply of medical gases mixed with an accurate concentration of anaesthetic vapour and deliver this to the patient at a safe pressure and flow. | Anesthetic machine in used to provide an accurate and continuous supply of medical gases mixed with an accurate concentration of anaesthetic vapour and deliver this to the patient at a safe pressure and flow. |
| | Components of Anesthesia workstation | Anesthesia machine , Inbuilt ventilator , vaporisor , Gas delivery system , Multi para monitor | Anesthesia machine , Inbuilt ventilator , vaporisor , Gas delivery system , Multi para monitor |
| | Type of mounting for the Anesthesia workstation | Trolley Mounting | Trolley Mounting |
| | Material used for Anesthesia workstation | Epoxy powder painted steel | Epoxy powder painted steel |
| | Mode of integrated scavenging system with pressure relief valve | Passive | Passive |
| | Minimum Battery | 2 hour | 2 hour |

| | | |
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| backup for anesthesia workstation | | |
| Minimum Battery backup for Ventilator | 2 hour | 2 hour |
| Minimum Battery backup for monitor | 2 hour | 2 hour |
| Facility of manual ventilation in case of electricity and battery failure | Yes | Yes |
| Facility of gas and agent delivery in case of electricity and battery failure | Yes | Yes |
| All the components likes anesthesia machine, integrated ventilator, vaporizer from the same manufacturer | Yes | Yes |
| Patient monitor from same manufacturer | Yes | Yes |
| Workstation should have minimum of two drawers to keep accessories, good mobility, anti static caster wheels with locking facility & conveniently placed handles for easy movement of the machine | Yes | * |
| All software updates should be provided free of cost during Warranty period | Yes | * |
| The anesthesia machine can be used safely up to 1000 gauss line while being used with MRI | No | No |
| Should have Air/N₂O interlock | Yes | Yes |
| Inspiratory time in sec | 0.2 to 3 sec | * |
| Expiratory time | 0.5 to 6 sec | * |
| Flow rate in lpm | 0.2 to 6 lpm | * |
| Pressure relief | 05 to 75 cm H ₂ O | * |

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|---------------------|--|--|--|
| | Warranty in years | 5 | 5 |
| Gas Delivery System | Availability of Pin index yokes for gases | Oxygen and Nitrous oxide | * |
| | Availability of Separate Pin index yokes for gases | Oxygen , Nitrous oxide , Air | * |
| | Availability of cascading type flow meters for O2, N2O and air | Yes | * |
| | Mode of gas mixing | Pneumatic | Pneumatic |
| | Availability of rotameter control guards in anesthesia workstation | Yes | * |
| | Availability of pressure gauges for cylinder and pipelines in anesthesia workstation | Yes | * |
| | Availability of audible and visual oxygen failure alarms | Yes | * |
| | Minimum emergency oxygen flow in liter per minute | 35-70 | * |
| | Type of hypoxic guard with automatic cutoff of N2O | Mechanical | Mechanical |
| Vaporizer | Number of quick mount type vaporizer for easy interchangeability at a time | 2 | * |
| | Number of selectable back bar | 2 | * |
| | Facility of interlock for vaporizer | Yes | * |
| | Volume percentage of delivery range | 0 to 10 | * |
| | Minimum agent capacity for free volatile anesthetic agent in ml | 225 | * |
| | Sensor connection shall be internal to prevent disconnection | Yes | * |
| | Vaporizer compatible to gases | Sevoflurane,Isoflurane, Desflurane,Halothane | Sevoflurane, Isoflurane, Desflurane, Halothane |

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| Breathing System | The vaporizer design should be maintenance free | Yes | * |
| | Vaporizer calibration requirement | After every 5 years | * |
| | Breathing system should have fresh gas de-coupled / compensation , closed circle absorber system | Yes | * |
| | Range of pressure relief valve in mbar of breathing system | 5 to 75 | * |
| | Number of steps in change over from spontaneous to bag ventilation | single step | * |
| | Number of reusable autoclavable closed silicone circuit supplied | 2 for adult and 2 for pediatric | * |
| | Number of bair circuit (adult) supplied with workstation | 10 | 10 |
| | Number of Jackson Rees circuit for pediatric patients supplied with workstation | 10 | 10 |
| | Volume capacity of breathing system in liters | 1.7 | 1.7 |
| | Breathing system should have leak and compliance test | Yes | * |
| Anesthesia Ventilator | Available modes of operating ventilator | Manual/spont, volume controlled , pressure controlled , SIMV/PS | Manual/spont, volume controlled , pressure controlled , SIMV/PS |
| | Ventilator should be capable to pressure support | Yes | Yes |
| | Integrated ventilator shall not require bellows to be change for adults and infants | Yes | * |
| | Tidal volume of ventilator in ml | 20 to 1400 ml | * |
| | PEEP of ventilator in mbar | 0 to 20 mbar | * |

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| Monitor | Breathing frequency in BPM | 4 to 60 BPM | * |
| | Inspiratory pause percentage of Ti | 0-50% | * |
| | Screen size of Ventilator monitor in inches | 10 | 10 |
| | Integrated ventilator shall be able to provide facility to monitor ETCO ₂ , Automatic identification of agents | Yes | * |
| | Ventilator should be able to ventilate with atmospheric air if total gas supply failure | Yes | * |
| | Type of monitor | TFT | TFT, LCD |
| | Size of monitor in inches | 15 | * |
| | Monitor should not require lengthy start up procedure or calibration for display of parameters | Yes | * |
| | The graphical and numerical trend with split screen duration | 24 hours | * |
| | Patient multipara monitor shall be able to display parameters | HR, SpO ₂ , NIBP, ECG, Temp, Agent identification (MAC) | HR, SpO ₂ , NIBP, ECG, Temp, Agent identification (MAC) |
| | NMT to be displayed | No | No |
| | Dual temperature to be displayed | Yes | Yes |
| | BIS/ENTROPY to be displayed | No | No |
| | Capnography to be displayed | Yes | Yes |
| | EtCO₂ to be displayed | Yes | Yes |
| | IBP1 and IBP2 to be displayed | Yes | Yes |
| | CO(cardiac output) to be displayed | No | No |
| | ECG monitoring with standard lead configuration, I,II,III, avL, avF&V filters so | Yes | * |

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| | that it is protected against defibrillator, electro surgery potentials, arrhythmia analysis and ST segment analysis with trends | | |
| | NIBP should be determine with oscillometric method, should read systolic, diastolic and mean arterial pressure and pulse rate | Yes | * |
| | Pulse oximetry with sensors suitable for adults, pediatric & neonate | Yes | * |
| | ETCO2 measurement should be by infra -red absorption technique, measuring mode should be side stream or main stream and response time should be less than 3 seconds | Yes | * |
| | Monitor should be able to monitor and display all parameters in single screen | Yes | * |
| | Make of monitor if monitor provided is not from the same OEM and if from same OEM put NA | - | * |
| | System to be supplied with oxygen monitor | Yes | Yes |
| Alarms | Number of alarms | 10 | * |
| | Alarms shall be adjustable to high / low limits with audio and visual alarms | Yes | * |
| Power supply | Length of main cable in meter with power socket of standard indian make to be provided | 6 | * |
| | Power supply | 220-240V AC, 50 Hz single phase | * |
| Additional Accessories | Transparent re-usable silicon face mask size | 2 each | * |

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|---|--------------------------|--------------------------|
| 0,1, 2, 3, 4 & 5 | | |
| Breathing bag 2 Litre & 500 ml | 2 each | * |
| 3/5 ECG lead | 2 | * |
| Nasopharyngeal/rectal and skinTemperatureprobes should be Provided | 2 | * |
| Re usable adult cuffs, reusable Paediatric cuff and sets of Disposables cuff for neonatal | 2 | * |
| ETCO2 line and adapters | 15 each | * |
| Mox regulator with 3 meter high Pressure tubing | 1 | * |
| Provision for laryngoscopes | Not Provided | Not Provided |
| Reusable patient circuits | 2 | 2 |
| Reusable masks | 3 | 3 |
| SPO₂ sensor provided | 1 | 1 |
| NIBP cuff | 1 | 1 |
| Skin and nasopharyngeal temperature probe | 1 | 1 |
| ETCO2 sample lines | 25 | 25 |
| Reusable IBP interface cables | 1 | 1 |
| Disposable IBP transducers | 1 | 1 |
| BIS sensors | Not provided | Not provided |
| Accessories for wall mounting | NA (If trolley mounting) | NA (If trolley mounting) |

* 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/Reporti | Address | Quantity | Delivery Days |
|-------|-------------------|---------|----------|---------------|
|-------|-------------------|---------|----------|---------------|

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| | ng Officer | | | |
| 1 | Moinul Haque | 110083,S-Block, Mangolpuri, Delhi | 3 | 60 |

Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
2. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of MEDICAL SUPERINTENDENT, SANJAY GANDHI MEMORIAL HOSPITAL, DELHI A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter.
Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
4. ISO 9001: The bidder must have ISO 9001 certification.
5. 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.
6. 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.
7. 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.
8. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
9. 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 3 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.
10. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

11. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
12. **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 3 years 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.

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

---Thank You---