



**Government of Maharashtra
Maharashtra Medical Goods Procurement
Authority (MMGPA)**

**“Request for Proposal (RFP) for Supply, Installation
and Commissioning of Equipments for woment and
new born hospital at Chhtrapati Sambhajinagar
Group A ”**

**RFP Reference No.: E- 264 /MMGPA/ Equipments for woment and new
born hospital at Chhtrapati Sambhajinagar Group A (2025-26)
Date: 13.02.2026**

**1st Floor, Arogya Bhawan St. George's Hospital Compound,
Near C.S.M.T. Railway Station, Mumbai - 400 001.**

Maharashtra

Website: <https://mahatenders.gov.in>.

Email: maha.mmghpa2023@gmail.com

Disclaimer

The information contained in this Tender Document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form, by or on behalf of the Maharashtra Medical Goods Procurement Authority (MMGPA) or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this Tender Document subject to which such information is provided.

This Tender Document is not an agreement and is neither an offer nor invitation by the MMGPA to the prospective Bidders or any other person. The purpose of this Tender Document is to provide interested parties with information that may be useful to them in making their financial offers (Bids) pursuant to this Tender Document. This Tender Document includes statements, which reflect various assumptions and assessments arrived at by the MMGPA in relation to the project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This Tender Document may not be appropriate for all persons, and it is not possible for the MMGPA, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this Tender Document. The assumptions, assessments, statements and information contained in this Tender Document may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this Tender Document and obtain independent advice from appropriate sources.

Information provided in this Tender Document to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The MMGPA accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein. The MMGPA, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Tender Document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the Tender Document and any assessment, assumption, statement or information contained therein or deemed to form part of this Tender Document or arising in any way for participation in this Tender Document.

The MMGPA also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this Tender Document.

The MMGPA may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this Tender Document.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the MMGPA or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the MMGPA shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the bidding process.

Glossary

Abbreviations and Acronyms	Description
BG	Bank Guarantee
BOM/BOQ	Bill Of Material/Quantity
CA	CHARTERED ACCOUNTANT
CAMC	Comprehensive Annual Maintenance Contract
CBS	Cost Based Selection
CMC	Comprehensive Maintenance Contract
CRC	Consignee Receipt certificate
DPIIT	Department for Promotion of Industry and Internal Trade
EMD	Earnest Money Deposit
EM-II	Entrepreneurs Memorandum
FEMA	Foreign Exchange Management Act
GST	Goods and Services Tax
IA	Implementation Agency
IP	Intellectual Property
IQ	Installation Qualification,
ISO	International Organization of Standardization
KPI	Key Performing Indicators
LLP	Limited Liability Partnership
MMGPA	Maharashtra Medical Goods Procurement Authority
MSME	Ministry of Micro, Small & Medium Enterprises
NEFT	National Electronic Funds Transfer
O&M	Operation and Maintenance
OEM	Original Equipment Manufacturer
OP	Operational Qualification
PAN	Permanent Account Number
PO	Purchase Order
PQ	Performance Qualification
RFP	Request For Proposal
RTGS	Real Time Gross Settlement
SSI	Small-scale industries
TCV	Total Contract Value

MAHARASHTRA MEDICAL GOODS PROCUREMENT AUTHORITY

Bid Notice

Tender reference No: E- 264 /MMGPA/ Equipments for women and new born hospital at Chhtrapati Sambhajinagar Group A (2025-26)

Maharashtra Medical Goods Procurement Authority (hereinafter referred to as "Authority"), Mumbai invites **ONLINE BID** for the year **2025-26** in **two envelope system** from the Manufacturers/Importers/Authorized Distributor for the purchase of following items.

Schedule of requirements:

Sr. No.	Equipment Name/Item Name	No. of units	Tender fee (Rs.)	EMD (Rs.)	Consignee and Delivery Address
1	Examination Table with foot steps	10	40000+7200(GST @ 18%)	8,00,000/-	<p align="center">Public Health institutions in the state of Maharashtra as detail in Annexure-XII</p>
2	Gynaec Examination Table with foot steps	15			
3	Simple Operation Table with Gynae Attachments	2			
4	Examination Light with stand (Mobile)	35			
5	Mobile Shadowless Lamp	5			
6	Instrument trolley S.S.	20			
7	Medicine cum Dressing Trolley S.S.	15			
8	Linen Trolley S.S.	20			
9	Recovery trolley S.S.	30			
10	Food Catering Trolley S.S.	8			
11	Oxygen Cylinder Trolley (for 1.54cuM) S.S.	50			
12	Oxygen Cylinder Trolley (for 7cuM) S.S.	30			
13	Hospital Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	265			
14	Fowler Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	65			
15	Motorized ICU Bed (5 Functions) with Mattress & Pillow, Saline Stand, Patient File Pocket	30			
16	Bed Head Panel	35			
17	ICU Curtain (Cubical) Runnin Mtr	60			
18	Bedside lockers S.S.	320			

19	Saline Stand	20			
20	Attendant stools S.S.	430			
21	Wheel Chair S.S.	38			
22	Bed Side Screen (3 Fold) S.S. with Appropriate size cotton curtain	50			
23	Weighing Machine Adult (Digital)	40			
24	Weighing Machine Infant (Digital)	40			
25	Thermometer (Mercury)	50			
26	Thermometer (Digital)	50			
27	Height Measuring Stand	30			
28	B.P. Appratus (Mercury)	50			
29	B.P. Appratus (Mercury) with stand	30			
30	B.P. Appratus Digital	50			
31	Stethoscope (Adult) Litman	60			
32	Stethoscope (Paediatric) Litman	20			
33	Stethoscope (Neonatal) Litman	79			
34	Foetal Doppler (Battery Operated)	35			
35	ECG Machine 12 Channel with	17			
36	Infantometer	15			
37	Stadiometer	5			
38	X-Ray View Box LED	40			
39	Measuring Tape 2mtr	50			
40	CTG Machine	15			
41	Bio Medical Waste Collection Trolley S.S	3			
42	Pulse Oxymeter - Fingure Type	50			
43	Neonatal Pulse Oxymeter - Fingure Type	90			
44	Nebulizer Machine	40			
45	Labour Table.	12			
46	Hydraulic Operation Table	4			
47	Double Dome OT Light LED	4			
48	Single Dome Light LED	8			
49	Anaesthesia Work Station	2			

50	Phototherapy Unit	40			
51	Vaccum Extractor	6			
52	Syringe Infusion Pump	105			
53	Neonatal Billirubinometer (Non-Invasive)	4			
54	Buble C PAP with Compressor	9			
55	Transport Incubator	3			
56	Irradiance Meter	2			
57	Vein Finder Device	25			
58	Oxygen Hood	30			
59	Mamograpgy Machine with installation Turnkey Project	1			
60	Refrigerator - 300 Ltrs	23			
61	Defibrillator Biphasic Machine	5			
62	LED Partion for X-Ray Room	1			
63	LED Apron for X-Ray Room	3			
64	Dosimeter for X-Ray Room	5			
65	Blood Infusion Warmer	2			
66	Hysteroscope Full HD	2			
67	Dielectric Tube Sealer	3			
68	Blood Collection Monitor	1			
69	Blood Donar Cauch	5			
70	Vertical Autoclave	1			
71	Blood Bag Centrifuge (Refrigerated)	1			
72	Plasma Expressor	2			
73	Laminar Air Flow	1			
74	Video Larygoscope	10			
75	Diagnostic Bera Machine - 2 Channel	1			
76	OAE Screening Machine (Otoacoustic emissions)	1			
77	Dental Chair & Unit with all Aceesories	1			
78	UV Chamber -Dental Use	1			
79	Dental X-Ray & RVG	1			
80	Autoclave Verticle For Dental Use	1			
81	X-Ray Machine 500 MA with CR System	1			

Delivery terms: Delivery at the assigned consignee address as per bid conditions.

Interested eligible bidders may obtain further information of technical specifications, required quantities and other terms and conditions applicable for procurement of above items from the tendering website <https://mahatenders.gov.in>.

Bidders will have to compulsorily quote for all Equipment and quantity listed in schedule of requirements and the evaluation will be conducted on combined price quoted for all equipment.

MMGPA TENDER

BID SCHEDULE

All bid related activities (Process) like Downloading of bid document, submission of bid and submission of EMD and other documents will be governed as per the time schedule given under Key Dates below:

Sr. No.	Activity	Period
1.	Period of sale of Tender document/ Download	From 13.02.2026 at 02.00 PM
2.	Date for Submission of Queries	Before Pre-bid meeting
3.	Date of pre-bid meeting	24.02.2026 at 11.30 AM
4.	Dates for uploading tender document	From 13.02.2026 at 02.00 PM to 06.03.2026 up to 02.00 PM
5.	Last date and time for submission of tender:	06.03.2026 at 2.00 PM
6.	Date and time of opening of Envelope No.1	09.03.2026 at 2.00 PM

Address for communication	1st Floor, Arogya Bhawan, St. Georges Hospital Compound, Near CSMT Railway Station, Mumbai- 400 001. Telephone No.: 022-22717527
---------------------------	---

A complete set of tender documents may be purchased by interested eligible bidder by online payment of a non-refundable fee ("Bid/Tender Fee"). Bidder has to pay **online payment of bid fee by RTGS/NEFT to the A/c of "Maharashtra Medical Goods Procurement Authority, Mumbai"** as per the table given and within time as per schedule.

As per Govt. Resolution by Industries, Energy & Labour Department, Maharashtra State, dated 1.12.2016 - Entities who are registered under Micro, Small and Medium Enterprises Development Act, 2006 are exempted from paying Tender Form Fees and Earnest Money Deposits.

The bidders shall be rejected summarily upon failure to follow procedure prescribed in the bid document. The conditional bid shall be rejected.

Chief Executive Officer, Maharashtra Medical Goods Procurement Authority, Mumbai reserves all the rights regarding this bid document and procedure.

Sd/-
**CHIEF EXECUTIVE OFFICER,
MAHARASHTRA MEDICAL GOODS PROCUREMENT AUTHORITY
MUMBAI**

Contents

1

Fact Sheet	11
TERMS AND CONDITIONS:	12
1. Introduction.....	12
2. Eligibility criteria:	13
3. Cost of bidding:.....	16
4. Corrigendum:	16
5. Pre-bid meeting:.....	16
6. Amendment of bid document:.....	17
7. Submission of Bids:	17
8. Deadline for submission of bid – as per schedule mentioned in bid notice.....	19
9. Opening of Bid:.....	19
10. Period of Validity of Bid:.....	19
11. Earnest Money Deposit: (EMD)	19
12. Prices:.....	20
13. Technical Specifications:	20
14. Evaluation of bids:	20
15. Technical Qualification Criteria.....	21
16. Performance Security Deposit & Contract.....	22
17. Proprietary data and Patent Rights :	23
18. Award of Contract:	23
19. Period of Contract:.....	23
20. Deliverables and Timelines.....	23
21. Delivery Period:	24
22. Place of delivery:	27
23. Guarantee/Warranty Terms:.....	27
24. Warranty Period:	29
25. After Sales Services: -	29
26. Comprehensive Annual Maintenance Contract:	30
27. Demonstration:.....	32
28. Pre-dispatch Inspection:	33
29. Consequences of default by Bidder:	33
30. Third Party Inspection: -	34
31. Force Majeure:	34
32. Confidentiality:	34

33.	Payment:	35
34.	Corrupt or Fraudulent Practices:	35
35.	Resolution Of Dispute:.....	35
36.	Arbitration:.....	36
37.	Governing Language: English language version of the contract shall govern its Interpretation.	36
38.	Applicable laws:.....	36
39.	Indemnification:	36
40.	Jurisdiction: All the suits arising out of the contract shall be authority in the court of competent jurisdiction situated in Mumbai only and not elsewhere.	36
41.	Saving clause:	36
Appendix I: Pre-qualification-cum-Technical Bid Templates		37
Annexure I: Letter Comprising the Technical Bid		38
Annexure II: Compliance sheet for Pre-Qualification Proposal		39
Annexure III: Proforma for Production And Sale Statement.....		42
Annexure IV: Average Annual Turnover and Net Worth of the Bidder		43
Annexure VI: Contract Form		48
Annexure VII: Non-Blacklisting Affidavit		50
Annexure VIII: Mandate Form		51
Annexure IX: Power of Attorney for signing of Bid		53
Annexure X.....		54
Annexure XI: Compliance sheet for Technical Proposal.....		113
Appendix XII: Place of delivery		114
Annexure-XIV: Manufacturer’s Authorization Form.....		116
Annexure-XV: Format for EMD Bank Guarantee.....		117
Annexure-XVI: Format for Performance Security Bank Guarantee		119
Appendix II: Commercial Proposal Templates		120
Annexure XVII: PART I.....		121
Annexure-XVIII Checklist.....		126
1. Make and Model with country of origin		126

Fact Sheet

Clause Reference	Topic
Commercial Bid Evaluation	The method of selection is LCBS (Least Cost Based Selection-L1)
Downloading RFP Document	RFP can be downloaded from https://mahatenders.gov.in .
Earnest Money Deposit (EMD)	Bidders are required to pay the EMD/Bid Security of ₹ 8,00,000/- through online mode on https://mahatenders.gov.in or in the form of Bank Guarantee issued by a Scheduled / Nationalized Bank in the form provided in Annexure XVII
Scope of Work	Procurement is for services linked to Supply, Installation and commissioning of or use of various public health institution in Maharashtra.
Pre-bid meeting and clarifications	A pre-Bid meeting will be held on 24.02.2026 at 11.30 am Clarifications may be requested on or before the schedule date and time for submission of pre-bid queries as per the bidding schedule.
Language	Proposals should be submitted in the English language only.
Taxes	For all goods/services supplied, the Bidder shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed/incurred until delivery of the contracted products or services.
Bid Validity	180 days from the date of Technical Bids opening
Submission of Responses	Bidders must upload and submit all the documents on the Mahatender portal https://mahatenders.gov.in Each of the above documents must be uploaded in the format specified for this purpose
Submission of Proposals	This is online process; interested bidders are required to submit the proposal online only by the date and time specified in the RFP.
Last Date of Submission	Proposals submitted after 06.03.2026 02:00PM will not be accepted by the e-Tender portal.
Tender Fee	All bidders shall pay tender fee of ₹40000+7200(GST @ 18%) In case of revision of the above-mentioned tender fee, bidders shall pay revised tender fee.

TERMS AND CONDITIONS:

1. Introduction

Maharashtra Medical Goods Procurement Authority (MMGPA), Mumbai has been formed as per the Maharashtra Medical Goods Procurement Authority Act 2023 (Mah. Act No. XIII of 2023). The procurement authority has been formed with an objective to simplify and expedite the procurement process of medical Goods and Equipment's for health institution, under the state government and certain other health institution in the state as mentioned in the above act.

- 1.1. Chief Executive Officer, Maharashtra Medical Goods Procurement Authority, Mumbai**, hereinafter referred to as the “**Authority**” invites online bid in two Envelope systems for supply of Equipment specified in **Annexure-X** Schedule of Requirements, for use in public health facilities in the State of Maharashtra.
- 1.2.** All bid related activities (“Bid Process”) like Bid Document Downloading, Bid submission and submission of Bid Security/Earnest Money Deposit and other documents will be governed by the bid schedule given in bid notice.
- 1.3.** All activities of this bid are carried out online on Website <https://mahatenders.gov.in>. The bid document is uploaded on Government of Maharashtra, (GoM) e-tendering website <https://mahatenders.gov.in> and has to be downloaded as well as filled up and submitted online only. The Bidders are required to submit online bid fees (Non-refundable) as mentioned through **online payment gateway in A/c of "Maharashtra Medical Goods Procurement Authority, Mumbai"**. In no case, the bid fee should be mixed with EMD amount. The bid shall be liable to be rejected summarily upon failure to follow procedure prescribed in the Bid document.
- 1.4. The quantities mentioned in the Bid are only approximate estimated quantities. The Chief Executive Officer, Maharashtra Medical Goods Procurement Authority, Mumbai reserves the right to increase or decrease the quantities', maximum up to 50% of the quantities to be purchased without assigning any reason thereof.**
- 1.5.** If any bidder wishes to lodge any complaint against the other bidder regarding submission of false documents, information etc, the bidder has to submit the complaint before price bid opening along with deposit of **Rs.50,000 (Rupees Fifty Thousand only)** online in favor of “**Maharashtra Medical Goods Procurement Authority, Mumbai**” in the form of deposit. This complaint will be submitted to Appeal Committee along with facts. The amount so deposited shall be refunded, if after scrutiny the complaint is found to be true by the Appeal Committee. However, if the complaint is found to be false and malafide the deposit will be forfeited. No interest shall be paid against this deposit. **Any complaint received after price bid opening will not be entertained.**
- 1.6.** e-bidding process related Queries can be sent on email – eproc.support@maharashtra.gov.in
/Help: The Toll-Free Telephonic Help Desk Number 1800-3070-2232. / Mobile: +91- 7878107985, +91-7878107986 ,+ 91-7878007972 and +9-7878007973
(9:00 am - 10:00 pm) Mon to Sat.
- 1.7.** The Orders/ Circulars issued by Govt. of Maharashtra from time to time will be applicable to this bid.
- 1.8.** The entire bidding process is governed by rules and clauses mentioned in Maharashtra Government Industries Department Stores Purchase Rules GR dated 01.12.2016, General Financial Rules 2017 and CVC Guidelines. Any disputes raised by the bidder, shall be resolved within the framework of these rules and clauses
- 1.9. A bidder who has been blacklisted/ debarred for the quoted product(s) in any state / department/ undertaking/ corporation will not be allowed to participate in Bid for the said product(s) and will not be evaluated.**

2. Eligibility criteria:

Eligibility criteria for this bid are mentioned:

Sr. No.	Basic Requirement	Specific Requirement	Documents required
1.	Registered Legal Entity	<p>The Bidder shall be any person/Company/Society/Proprietorship/ Partnership firm/Trust registered under applicable Act in India/ Government-owned enterprise or institution</p> <p>The Bidder shall be –</p> <p>a) A manufacturer having valid manufacturing and equipment license for the items quoted.</p> <p style="text-align: center;">OR</p> <p>b) An Importer* having valid import license and equipment license for the items quoted.</p> <p style="text-align: center;">OR</p> <p>c) Authorized Distributor fulfilling all tender conditions.</p> <p>d) Separate Manufacturer's Authorization will be required for each equipment.</p> <p>e) Registered with the GST Authorities.</p> <p>f) Should have a valid PAN number.</p> <p><i>*Importer refers to a legal Entity such as a Company/ Society/ Trust/Partnership firm registered under applicable Act in India/ Government-owned enterprise or institution that engages in the process of bringing equipment or goods from outside India into the country's borders for commercial purposes.</i></p> <p><i>Importer itself shall be responsible for supply and maintenance of the equipment as per the terms of RFP and shall not engage any third party for the same)</i></p>	<p>a. Copy of certificate of incorporation/registration along with charter documents like copy of Memorandum and Articles of Association, and other registration documents according to the nature of entity.</p> <p>b. Attested photocopy of valid manufacturing Equipment/ import license with product list duly approved by the Licensing Authority for each and every product quoted as per specification in the bid. The license must have been duly renewed up to date and the items quoted shall be clearly highlighted in the license. If quoted item is manufactured at different places, Manufacturing License & Performance certificate should be enclosed.</p> <p>c. Manufacturer's Authorization as per Annexure XIV to be provided by Importer, Authorized distributor</p> <p>d. Copy of GST Registration certificate issued by GSTN authorities.</p> <p>e. Copy of PAN Card.</p>
2.	Certifications/ registration	The Bidder shall have to provide requisite certifications/registration.	<p>a. Certificates of DPIIT (if applicable)</p> <p>b. Original manufacturer's certificate that the product is being used in country of origin.</p> <p>c. Import Export Certificate (IEC Code)</p> <p>d. Affidavit of Importer regarding equipment being imported in India for last three years.</p>

Sr. No.	Basic Requirement	Specific Requirement	Documents required
3.	Litigation	The Bidder should not be involved in any major litigation such as fraud, FEMA violations and any other civil or criminal proceedings that may have an impact of affecting or compromising the delivery of services as required under this contract.	Affidavit as per Annexure VII.
4.	EMD/Bid Security	Bidders are required to pay the EMD/Bid Security of ₹1,34,00,000 /- through online mode on https://mahatenders.gov.in or in the form of BG as per annexure XV	<ul style="list-style-type: none"> • EMD in the form of NEFT/RTGS/BG
5.	EMD Exemption	If a Bidder is a Micro Small and Medium Enterprise (“MSME”) / Small Scale Industry (“SSI”) then subject to submission of relevant documents as provided in this table, such Bidder may be exempted from submitting EMD in accordance with Appendix-8 of Govt. Resolution by Industries, Energy & Labour Department, Maharashtra State, dated 1.12.2016.	<ul style="list-style-type: none"> • Requisite Certificate of Micro and Small-scale manufacturing industries registered under Micro, Small and Medium Enterprises development act 2006. • Importer shall produce authorization Certificate from manufacturer as authorized seller as per Annexure XIV • EM-II certificates whenever necessary (mandatory for Medium Enterprises)
6.	Conflict of Interest	On the date of submission of the proposal, the Bidder should not be involved in any conflict-of-interest situation.	Undertaking by the authorized signatory as per Annexure I
7.	Blacklisting or banned	On the date of submission of the proposal, the Bidder should not be blacklisted or banned by any ministry/department/attached offices/sub-ordinate offices under Government of India and any State government, Autonomous bodies (established by Central/State govt), any Central/State PSUs for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices.	Affidavit as per Annexure VII
8.	Debarment	On the date of submission of the proposal, the Bidder should not be debarred	Affidavit as per Annexure VII.
9.	Average Annual Turnover	Average Annual Turnover (in last three financial years (2022-23, 2023-24, 2024-25) shall be at least Rs. 4 Cr.	Certificate issued by a statutory auditor/chartered accountant (as attached Annexure-IV) along with Audited Financial Statements confirming the Average Annual Turnover of the Bidder during the stated Financial Years must be submitted.

Sr. No.	Basic Requirement	Specific Requirement	Documents required
10.	Net Worth	The net worth of the bidder in the financial year (2024-25) should be positive .	Certificate issued by a statutory auditor/chartered accountant (as attached Annexure-IV).
11.	Technical Capability	Bidder must have successfully undertaken supply, installation & commissioning of quoted Equipment or Medical Equipment & Instruments of an amount of Rs 4 Cr. during last three financial years	The Bidder shall provide the documentary evidence in support of its credentials such as agreement copy/ work order / Letter of Award. This should be supported by work completion certificate/customer satisfaction certificates with customer details and client certificate. Statutory auditor's certificate or Chartered Accountant's certificate, as the case may be, shall be submitted for demonstrating the past experience. (as per Annexure number 3)
12.	Production Capacity / Import Quantity	Production Capacity of the Original Equipment Manufacturer must be minimum 1.5 times of the quoted order quantity in last one financial year.	Certificate of Statutory Auditor/Chartered Accountant For importers and Authorized distributors Certificate of Statutory Auditor/Chartered Accountant of OEM has to be submitted in Annexure V
13.	Service center	<p>In case of Bidder being Manufacturer, the bidder should have at least 2 service centers in state of Maharashtra.</p> <p>In case of Bidder being Importer/Authorized distributor, the bidder should ensure that OEM have at least 2 service centers in state of Maharashtra.</p>	<p>List of at least 2 service centers in Maharashtra with address and contact details shall be provided by the bidder which shall exist for the period of warranty as mentioned and also, during the additional CAMC/AMC period, if awarded.</p> <p>The Importer/Authorized Distributor shall provide an undertaking from OEM that OEM shall have at least 2 service centers for the period of warranty as mentioned and also, during the additional</p>

Sr. No.	Basic Requirement	Specific Requirement	Documents required
			CAMC/AMC period, if awarded.

2.1 Conflict of Interest

Conflict of Interest among Bidders/ Agents A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a. they have controlling partner (s) in common; or
- b. they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c. they have the same legal representative/agent for purposes of this bid; or
- d. they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or
- e. Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid.
- f. In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer. There can be only one bid from the following:
 1. The principal manufacturer directly or through one Indian agent on his behalf; and
 2. Indian/foreign agent on behalf of only one principal.
- g. Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid;
- h. In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.

3. Cost of bidding:

The bidder shall bear all costs associated with the preparation and submission of their online bids and the Authority will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

4. Corrigendum:

The bidder shall note that any corrigendum issued regarding this bid notice will be published on the <https://mahatenders.gov.in>.

5. Pre-bid meeting:

The pre-bid meeting will be held at the date, time and venue mentioned in the e-bid Notice.

A prospective bidder requiring any queries/clarification with regard to the bid document shall contact the Authority by letter or email preferably prior to the date of pre bid meeting. Email ID – maha.mmgpa2023@gmail.com

The bidder shall submit the Authorization letter nominating a responsible person of the bidder to attend the meetings like pre bid & negotiation meeting.

The prospective bidder(s) should submit their Queries /Suggestions/ Observations, if any, on or before the schedule date for receipt of queries in writing.

Only Queries/ Suggestions / Observations received in writing within stipulated scheduled time will be discussed and clarified in pre-bid meeting and any modification of the bid documents, which may become necessary as a result of pre-bid meeting, shall be made by Maharashtra Medical Goods Procurement Authority, Mumbai exclusively through the issue of an addendum/ corrigendum and shall form part of the RFP. The RFP uploaded shall be read along with any modification. Authorized representatives of prospective bidder(s) can attend the said meeting and obtain clarification regarding specifications, scope of works & tender conditions. Authorized representatives should have authorization letter to attend the pre-bid meeting, subject to the condition that queries are submitted in time.

Non-attendance at pre-bid meeting shall not be a cause for disqualification of the bidder. The suggestions/ objections/ queries which are not in consonance with the requirement of the bid & received during pre-bid meeting may not be considered, Maharashtra Medical Goods Procurement Authority, Mumbai reserves the right to accept or reject the same.

6. Amendment of bid document:

- 6.1.** At any time prior to the deadline for Sale of bid, the Authority may amend the bid documents by issuing Addendum/Corrigendum.
- 6.2.** The bidder will not be communicated separately regarding the amendment. Any amendment to the bid shall be placed on the e-bidding website (<https://mahatenders.gov.in>)
- 6.3.** Any addendum/corrigendum as well as clarification thus issued shall be a part of the bid documents. And it will be assumed that the information contained in the amendment will have been taken into account by the bidder.
- 6.4.** To give prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the Authority shall extend, at its discretion, the deadline for submission of bids, in which case, the Authority will notify all bidders by placing it on website of the extended deadline and will be binding on them.

7. Submission of Bids:

The bid should be submitted online through website <https://mahatenders.gov.in> in two envelopes i.e. **Technical Bid in envelop no.1 & Commercial Bid in Envelop no.2** along with EMD & Bid Fee. **All documents should be properly signed, sealed and then uploaded.**

To prepare and submit the bid/offer online all bidders are required to have e-token based DIGITAL SIGNATURE CERTIFICATE. The Digital signature certificate should be obtained from competent authority; However, the e-tender website or helpline numbers may guide you for obtaining the same.

7.1 Technical Bid (Envelope No. 1):

Technical offer must be submitted online at <https://mahatenders.gov.in>.in as per the instructions on the portal. The bidder must upload the following documents.

FOLLOWING DOCUMENTS ARE MANDATORY & SHOULD BE ENCLOSED IN SEQUENCE &

ORDER, in PDF only along with the table of content:

- 7.1.1. The instruments such as power of attorney, resolution of board etc. authorizing an officer of the bidder for signing the bid document.
- 7.1.2. Authorization letter nominating a responsible person of the bidder to attend the meetings like pre bid & negotiation meeting.
- 7.1.3. Attested photocopy of valid manufacturing equipment license with product list duly approved by the Licensing Authority for each and every product quoted as per specification in the bid. The license must have been duly renewed up to date and the items quoted shall be clearly highlighted in the license. However, Loan Licensee/ third party licensee are not allowed.
- 7.1.4. Proof of Tender Fee/ EMD paid (if exempted appropriate copies for same)/ BG for EMD as per Annexure XVII.
- 7.1.5. The documents comprising the Bid shall also include:
 - Annexure I: Letter Comprising the Technical Bid
 - Annexure II: Compliance Sheet for Pre-qualification Proposal
 - Annexure III: Proforma for Production And Sale Statement
 - Annexure IV: Annual Turnover statement for three years
 - Annexure V: Details of Manufacturing unit
 - Annexure VI: Contract Form
 - Annexure VII: Undertaking for rates, specification, blacklisting status on Stamp paper duly notarized
 - Annexure VIII: Mandate Form
 - Annexure IX: Power of Attorney for signing of Bid
 - Annexure X: Technical Specifications
 - Annexure XI: Compliance sheet for Technical Proposal
 - Annexure XII: Place of delivery
 - Annexure XIII: Self Declaration Affidavit (on Rs.100/- Stamp Paper)
 - Annexure XIV: Manufacturer's Authorization From
 - Annexure XVIII: Checklist duly signed by authorized representative of bidder.
 - Copy of Tender Fee RTGS transaction.
 - Copies of Balance Sheet and Profit and Loss Accounts for last three years i.e. (2022-23, 2023-24, 2024-25) certified by the Auditor. If last year's Audit report is not finalized the Tenderer should submit Provisional Audit Report signed by Chartered Accountant.
 - PAN and GST Registration certificate.
 - Copy of the GST return of last quarter.
 - Attested copy of valid registration made by manufacturer for offered product under Micro & Small, Medium Industries Development Act, 2006.
 - EM-II certificates whenever necessary
 - Electrical safety standards if required in Technical Specifications
 - Incorporation / Registration Certificate of bidder
 - All documents required as per point no. 2 eligibility criteria.
 - All other documents as per the terms of RFP.

7.2 Commercial Bid (Envelope No. 2):

- a) All Commercial offers must be submitted online <https://mahatenders.gov.in>. as per the instructions given on the portal. No hard copy of commercial bid shall be submitted. In case a bidder submits commercial bid in hard copy, such bid shall be summarily rejected.

- b) Rates should be quoted in the Commercial Bid part-1 of **Annexure XVII only**.
- c) Part-2 of **Annexure XVII** Should be filled by the Bidder. However, it will be used only for the purpose of comparing the rates offered by the bidder in various other bidders.
- d) Price bid in **Annexure XVII** Part-I should not be submitted in technical bid. If the price bid Part-I is submitted in technical bid, the bid will be rejected.

8. Deadline for submission of bid – as per schedule mentioned in bid notice.

9. Opening of Bid:

On the date and time specified in the bid notice following procedure will be adopted for opening of bid.

9.1. Opening of Technical Bid (Envelope No.1):

Technical bid (Envelope No.1) of the bid will be opened by the bid opening authority. Bidder is free to attend himself or depute an authorized officer as his representative.

9.2. Opening of Commercial Bid (Envelope No.2):

The Commercial Bid shall be opened as per e-tendering procedure after the evaluation of the technical bid. The Commercial Bid shall be opened only for those Bidders who are qualified in evaluation of Technical Bid. The date and time of Commercial Bid opening will be communicated electronically through portal.

10. Period of Validity of Bid:

10.1. The bid shall remain valid for a period of 180 days after the date of opening of the technical bid (Envelope No.1)

10.2. Prior to the expiration of the bid validity the Authority may request the bidders to extend the bid validity for the period as required by the Authority.

11. Earnest Money Deposit: (EMD)

11.1. All bids must be accompanied by Earnest Money Deposit (EMD – Online)

11.2. EMD should be in favor of “Maharashtra Medical Goods Procurement Authority, Mumbai”.

11.3. EMD will be Exempted as per schedule -8 of G.R.No. SPO- 2014/Pra.Kra.82/Part-III/Industry-4, dated 01.12.2016 issued by Industry, Energy & Labor Department, Mantralaya, Mumbai-1

11.4. Bids that do not include the Earnest Money Deposit (EMD), unless exempted as per the RFP terms, will be promptly rejected.

11.5. Unsuccessful bidder's EMD will be discharged/ returned after award of contract to the Selected bidder.

11.6. The bidder shall not be entitled for any interest on EMD.

11.7. The Selected bidder's EMD will be discharged after signing the Contract and submitting the Performance Security Deposit as stipulated.

11.8. The EMD shall be forfeited or if bidder is exempted from EMD, the bidder may be debarred/ blacklisted under the following conditions.

11.8.1. Bidder fails to accept the purchase order.

11.8.2. If a bidder withdraws its tender at any stage during the bidding process.

11.8.3. In case of a successful bid, if the bidder fails:

- i. To sign the Contract in accordance with terms and conditions or.
- ii. To furnish Performance Security Deposit &/ or processing fee as per bid clause 15

12. Prices:

12.1. The prices quoted and accepted will be binding on bidder and valid for a period of one year from the date of signing of contract and any increase in price during the period of one year will not be entertained.

12.2. Purchases may be made on staggered basis as per the requirement of the Authority within one year from the date of signing of the contract.

12.3. **Rates should be quoted in Indian Rupees only** for each of the required Equipment separately on consignee address delivery basis according to the unit asked for strictly as per the format of price schedule (**Appendix-II**). Bid for the supply of Equipment with conditions like 'AT CURRENT MARKET RATES' shall not be accepted. The Authority shall not be responsible for damages, handling, clearing, transport and insurance charges and will not be paid. The deliveries should be made as stipulated in the place /consignee address in the purchase order placed with successful tenderer. Conditional bids are not accepted and liable for rejection.

12.4. In case of any enhancement in GST/Other taxes due to statutory Act of the Govt. Or any other taxes newly levied by Govt. after the date of submission of bid and during the bid period, the quantum of additional GST/Other taxes so levied will be allowed to be charged extra as separate item without any change in price structure of the equipment and accessories approved under the bid. For claiming the additional cost on account of the increase in GST/Other taxes, the bidder should produce a letter from the concerned Competent Authorities for having paid additional GST/other taxes on the goods supplied to the Authority and can also claim the same in the invoice.

12.5. Fall Clause:

It is a condition of the contract that all through the currency thereof, the price at which bidder will supply the stores should not exceed the lowest price charged by the bidder to any Govt. Organization / Semi Govt. Organization during the currency of the contract and that in the event of the prices going down below the contract prices, the bidder shall promptly furnish such information to the Authority to enable him to amend the contract rates for subsequent supplies.

13. Technical Specifications:

13.1. The bidder shall carefully read and understand the technical specifications, quality requirements, applicable standards, Acts & Rules including the Mandatory requirement for substantiation of their compliance without deviating from bid requirements.

13.2. The bidder shall carefully read & understand the specifications mentioned in **Annexure X**.

14. Evaluation of bids:

14.1. After opening of technical bid, on the scheduled date, time and venue, contents of the tenders received online through e-tendering process along with all prescribed mandatory documents will be examined.

- 14.2. The Authority shall scrutinize the documents mentioned above for its eligibility, validity, applicability, compliance, and substantiation including post qualification criteria as per bid document.
- 14.3. The Authority shall also analyze that there is no collusive or fraudulent practice involved in the entire tendering process amongst all the tenders received.
- 14.4. The technical scrutiny shall be on the basis of submitted substantiation documents and Medical Device Rules 2017 including allied standards of BIS codes.
- 14.5. 1. All the equipment's supplied should comply and conform to BIS/CE certificate from notified body with a 4 digit number /USFDA certificate. The equipment must be approved by CDSCO and should have ISO-13485 Certificate.
2. AERB Certificate for equipments using ionizing radiation
- 14.6. Any bid that does not meet the bid conditions laid down in the bid document will be declared as not responsive and such bids shall not be considered for further evaluation. However, the bidders can check their bid evaluation status on the website.
- 14.7. Bids which are in full conformity with bid requirements and conditions shall be declared as responsive bid for opening price bid on the website and price bid of such bidders shall be opened later, on a given date and time.
- 14.8. Authority can call for original documents for verification and any other supporting documents.

15. Technical Qualification Criteria

- i. Bidders who meet the pre-qualifications/eligibility requirements would be considered as qualified to move to the next stage of Technical and Financial evaluations.
- ii. The Medical equipment offered should meet all the technical and functional specifications given in the **Annexure-X**, Non-compliance to any of the technical and functional specification will attract rejection of the proposal.
- iii. Compliance on each parameter with detailed substantiation how the offered product meets the requirement. (Do not write simply Yes or Complied, If written, then bid will be rejected)
- iv. Bidders, whose bids are responsive, based on minimum qualification criteria as in Pre- Qualification Criteria would be considered technically qualified and proceed for demonstration as per clause no.27

15.1. Commercial Bid Evaluation

- i. The Financial Bids of technically qualified Bidders will be opened on the prescribed date in the presence of Bidder representatives, who wish to attend.
- ii. The Bidder, who has submitted the lowest combined Commercial bid for all equipment, shall be **selected as the ("Lowest Bidder")** i.e., L1 Bidder and shall be called for further process leading to the award of the contract.
- iii. Only fixed price financial bids indicating total prices for all the deliverables and services specified in this bid document will be considered.
- iv. The bid price will include all taxes and levies and shall be in Indian Rupees.
- v. Any conditional bid would be rejected.
- vi. Errors & Rectification: Arithmetical errors will be rectified on the following basis: "If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail"

15.2. Final Selection

- i. The Bidder submitting the lowest combined Commercial bid for all equipment shall be the L-1 Bidder based on the Least Cost methodology (the “L-1 Bidder”). The Bidder whose Proposal is adjudged as responsive and meets the requirements in its technical evaluation in accordance with this RFP and who quotes the lowest price in its Commercial bid shall ordinarily be declared as the selected Bidder (the “Selected Bidder”). In the event that the Authority rejects or annuls all the Bids, it may, in its discretion, invite all eligible Bidders to submit fresh Bids hereunder. In the case of two or more Bidders quoting the same value, the Bidder having the higher annual average turnover as per the eligibility criterion would be the first in sequence.
- ii. In the event that 2 (two) or more Bidders are qualified in terms hereof as L-1 (the “Tie Bidders”), then such Bidder having the higher annual average turnover as per the eligibility criterion would be the first in sequence. Further, if Tie Bidders are found to be having the same average annual turnover also, then the number of projects undertaken in the last 03 (three) years shall be taken into consideration and the Bidder having the higher number of projects shall be awarded as Lowest Bidder. In case, Tie Bidders are found to be having the same number of projects undertaken also, then such Tie Bidders shall be asked to further submit a best and final offer quote (“Best and Final Offer”) which shall be a lower price than their common L-1 quote for being eligible for consideration; and in such event lower price offered with respect to the L-1 quote among them shall be the Selected Bidder.

16. Performance Security Deposit & Contract.

- 16.1.** The Selected Bidder shall furnish the Performance Security Deposit to the Authority within 15 days from the date of communication of Selected Bidder for an amount of (3%) of the contract/order value and enter into Contract by paying requisite stamp duty in favor of Govt. of Maharashtra. Cost of stamp duty will be as per The Maharashtra Stamp Act. The cost of Stamp paper should be borne by the bidder.
- 16.2.** The Bidder shall provide Performance Security Deposit in the form of Demand Draft in favor of “Maharashtra Medical Goods Procurement Authority, Mumbai” payable at Mumbai from any Nationalized or Scheduled bank or in the form of Bank Guarantee issued by a Scheduled / Nationalized Bank in the form provided in **Annexure XVI**.
- 16.3.** The Performance Security Deposit will be discharged by the Authority and returned to the Supplier upon receipt of demand form supplier, not later than 60 days following the date of completion of the Supplier's performance obligations, including the warranty obligation, under the contract.
- 16.4.** The Performance security deposit shall be forfeited as a compensation for any loss resulting from the failure to perform the obligations under the contract or in the event of termination of the contract or in any event as the Authority thinks fit and proper.
- 16.5.** For items quoted by importer/Authorized Dealer, the bidder will enter into Tri parties' agreement. The agreement will be in between Maharashtra Medical Goods Procurement Authority, Mumbai + Importer/Authorized Distributor + Manufacturing Company on Non-Judicial Stamp Paper of requisite value.
- 16.6.** The micro and small enterprises registered with the National Small Industries Corporation (NSIC) and the Micro, Small and Medium Enterprises Development Institute has been exempted from depositing the security amount for the purchase up to Rs. 25,000/- and if the purchase price is higher than Rs. Twenty-Five (25) thousand then, they shall be required to keep the amount to the extent of 3% of the purchase price or Rs. Ten (10) thousand, whichever is less, as security. However, the goods having price more than Rs. Twenty-five (25) thousand, the first twenty-five thousand should not be taken into calculation.

17. Proprietary data and Patent Rights :

17.1. All documents and other information supplied by the Purchaser or submitted by a Bidder to the Purchaser shall remain or become the property of the Purchaser. Bidders are to treat all information as strictly confidential and shall not use it for any purpose other than for preparation and submission of their Bid. The Purchaser will not return any Bid, or any information provided along therewith.

17.2. Patent Rights: The supplier indemnify the purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.

18. Award of Contract:

18.1. The Authority will award the Contract to the Selected Bidder whose bid has been determined to be responsive and has been determined to be the Lowest Bidder (L1).

18.2. The Authority will place supply orders on staggered basis if required during the contract period.

18.3. A contract will not be awarded to the Selected Bidder if Performance Security Deposit is not deposited by him to the Authority within stipulated time limit, if any extension for the submission of performance security has not been asked.

18.4. The Selected Bidder who is liable for award of contract should transfer the Performance Security as per Clause 16 of this RFP.

18.5. The Selected Bidder shall sign the Contract within a period of 15 (fifteen) days of issue of award of Contract.

19. Period of Contract:

The contract shall commence from the date of its signing and will be valid for a period of twenty four months from the date of supply or delivery of all equipment under the Contract.

20. Deliverables and Timelines

The Bidder should deliver the medical equipment as per schedule given below:

Sl. No.	Deliverable	Location for Delivery	Timelines
1.	Supply / Delivery of equipment	As per Annexure XII.	Within 60 days for goods manufactured in India and 90 days for Imported goods from the issue of the PO (Purchase Order).
2.	Installation of Equipment		Within 7 Days from the delivery of equipment(s). In Exceptional circumstances due to unavoidable circumstances at Consignee level, CEO MMGPA shall review the situation and allow extension in installation period.
3.	Operational Acceptance of the equipment		Within 7 days from the Installation.
4.	Comprehensive warranty period		3 years from the date of successful installation
5.	Frequency of visits to consignee addresses concerned during		One visits every three months (4 visits in a year) for periodic/preventive maintenance and

Sl. No.	Deliverable	Location for Delivery	Timelines
	Warranty/CMC		any time for attending repairs/break down calls.

21. Delivery Period:

Sr. No.	Item	Units	Period
1	Examination Table with foot steps	10	Within 60 days for goods manufactured in India and 90 days for Imported goods from the issue of the PO (Purchase Order).
2	Gynaec Examination Table with foot steps	15	
3	Simple Operation Table with Gynae Attachments	2	
4	Examination Light with stand (Mobile)	35	
5	Mobile Shadowless Lamp	5	
6	Instrument trolley S.S.	20	
7	Medicine cum Dressing Trolley S.S.	15	
8	Linen Trolley S.S.	20	
9	Recovery trolley S.S	30	
10	Food Catering Trolley S.S	8	
11	Oxygen Cylinder Trolley (for 1.54cuM) S.S	50	
12	Oxygen Cylinder Trolley (for 7cuM) S.S.	30	
13	Hospital Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	265	
14	Fowler Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	65	
15	Motorized ICU Bed (5 Functions) with Mattress & Pillow, Saline Stand, Patient File Pocket	30	
16	Bed Head Pannel	35	
17	ICU Curtain (Cubical) Runnin Mtr	60	
18	Bedside lockers S.S.	320	
19	Saline Stand	20	
20	Attendant stools S.S.	430	

21	Wheel Chair S.S.	38
22	Bed Side Screen (3 Fold) S.S. with Appropriate size cotton curtain	50
23	Weighing Machine Adult (Digital)	40
24	Weighing Machine Infant (Digital)	40
25	Thermometer (Mercury)	50
26	Thermometer (Digital)	50
27	Height Measuring Stand	30
28	B.P. Appratus (Mercury)	50
29	B.P. Appratus (Mercury) with stand	30
30	B.P. Appratus Digital	50
31	Stethoscope (Adult) Litman	60
32	Stethoscope (Paediatric) Litman	20
33	Stethoscope (Neonatal) Litman	79
34	Foetal Doppler (Battery Operated)	35
35	ECG Machine 12 Channel with	17
36	Infantometer	15
37	Stadiometer	5
38	X-Ray View Box LED	40
39	Measuring Tape 2mtr	50
40	CTG Machine	15
41	Bio Medical Waste Collection Trolley S.S	3
42	Pulse Oxymeter - Fingure Type	50
43	Neonatal Pulse Oxymeter - Fingure Type	90
44	Nebulizer Machine	40
45	Labour Table.	12
46	Hydraulic Operation Table	4
47	Double Dome OT Light LED	4
48	Single Dome Light LED	8

49	Anaesthesia Work Station	2
50	Phototherapy Unit	40
51	Vaccum Extractor	6
52	Syringe Infusion Pump	105
53	Neonatal Billirubinometer (Non-Invasive)	4
54	Buble C PAP with Compressor	9
55	Transport Incubator	3
56	Irradiance Meter	2
57	Vein Finder Device	25
58	Oxygen Hood	30
59	Mamography Machine with installation Turnkey Project	1
60	Refrigerator - 300 Ltrs	23
61	Defibrillator Biphasic Machine	5
62	LED Partion for X-Ray Room	1
63	LED Apron for X-Ray Room	3
64	Dosimeter for X-Ray Room	5
65	Blood Infusion Warmer	2
66	Hysteroscope Full HD	2
67	Dielectric Tube Sealer	3
68	Blood Collection Monitor	1
69	Blood Donar Cauch	5
70	Vertical Autoclave	1
71	Blood Bag Centrifuge (Refrigerated)	1
72	Plasma Expressor	2
73	Laminar Air Flow	1
74	Video Larygoscope	10
75	Diagnostic Bera Machine - 2 Channel	1
76	OAE Screening Machine (Otoacoustic emissions)	1

77	Dental Chair & Unit with all Accessories	1	
78	UV Chamber -Dental Use	1	
79	Dental X-Ray & RVG	1	
80	Autoclave Verticle For Dental Use	1	
81	X-Ray Machine 500 MA with CR System	1	

22. Place of delivery:

The goods should be delivered to the consignee's addresses safely undamaged and tallied. The consignees' addresses are mentioned in **Annexure-XII**

22A. Transfer of Title of Equipment with Accessories -

Unless otherwise stated in the contract, notwithstanding any inspection and approval by the consignee on the Selected Bidder's premises, or any payments made to the Selected Bidder, property in the equipment (and resultant rights and liabilities) shall not pass on to the consignee until the equipment have been received, inspected, and accepted by the consignee or its representative. The equipment and every constituent part thereof, whether in the possession or control of the consignee, his agents or servants or a carrier, or the joint possession of the Selected Bidder, his agents or servants and the consignee, its agents, or servants, shall remain in every respect at the risk of the Selected Bidder, until their actual delivery is accepted by the consignee or its representative. The Selected Bidder shall alone be entitled and responsible for making claims against any carrier in respect of non-delivery, short delivery, mis-delivery, loss, destruction, damage, or deterioration of the equipment entrusted to such carrier by the Selected Bidder for transmission to the consignee or its representative.

22B. Insurance

Goods should be dispatched at carrier's risk, failing which they should be properly covered by transit Insurance with Government insurance Fund, MHADA, Bandra (East), Mumbai-400 051 or New Address

- 1) The goods are inserted in packages in a safe and in a sound condition,
- 2) According to the normal trade practice packing used is good. Failure to comply with these instructions may result in non-acceptance of transit risk by the Insurance Officer.

23. Guarantee/Warranty Terms:

- a. The Selected Bidder has to warrant that the Goods supplied under this Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- b. The Selected Bidder further have to warrant that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Tender Inviting Authority's specifications) or from any act or omission of the Selected Bidder, that may develop under normal use of the supplied goods.
- c. All the equipment's including the accessories supplied as per the technical specification as mentioned in the bidding document should carry comprehensive warranty (including all spares) for a period mentioned in this document in the first instance. During this period, the successful Bidder shall replace all defective parts and attend to all repairs/break downs and undertake stipulated number of preventive maintenance visits to every user installation site. The cost of spare parts for all replacements has to be borne by the Selected Bidder during the period of comprehensive warranty. The items which are not covered under warranty should be clearly mentioned along with rate of the items.
- d. On expiration of the comprehensive warranty period, the Selected Bidder shall be willing to provide after sales support for an additional period on mutually agreed terms and conditions.

- e. The prospective Bidder, who is Importer/ Authorized Distributor, shall submit an undertaking from the Original Equipment Manufacturers (OEM) that they are willing to provide spare parts for the period of warranty as mentioned and also, during the additional CMC/AMC period, if awarded. The OEM shall also assure continuity of service to their product, even in the event of change in Authorized service partner/ dealership or the Bidders – their existing Authorized service partner/ dealers shall ensure and provide service during the warranty / CAMC period. The undertaking from OEM is an essential document forming part of the Technical Bid, without which the tenders will be rejected summarily in the first round itself.
- f. After sales service centers in Maharashtra should be available as part of the pre-qualification and the Bidder shall provide proof of their capability to undertake such maintenance/repair within the stipulated time. (Companies without service center/partner in Maharashtra should give an undertaking that they shall establish/appoint their service center/partner within a period of three months of the signing of contract)
- g. The Selected Bidder shall provide preventive maintenance as per the frequency mentioned in this document during the warranty period. The Bidder shall attend any number of break down/repair calls as and when informed by the Consignee authority.
- h. Upon receipt of such notice for repair/breakdown from the user institution, the Successful Bidder shall, within the period as specified in this document, and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the Tender Inviting Authority.
- i. If the successful Bidder, having been notified, fails to rectify the defect(s) within the period specified/ mentioned in this document, the Tender Inviting Authority may proceed to take such remedial action as may be deemed necessary, at the Selected Bidder's risk and cost and without prejudice to any other rights which the Tender Inviting Authority may have against the successful Bidder under the contract.
- j. Failure to attend the repairs in time or failure to attend the stipulated preventive maintenance visit or failure to replace the defective equipment's or to provide stand by equipment if the fault/down time exceeds the stipulated period or to ensure the stipulated up-time in a year shall lead to forfeiture of the performance security and/or may lead to blacklisting/debarring of the defaulting Bidder.
- k. The equipment which requires quality assurance test shall be done at free of cost immediately after installation, during the comprehensive warranty period, during the CMC / AMC period, by the demand of User and also when major spares are replaced.
- l. Any mandatory approval required for installation shall be obtained by the successful Bidder in liaison with the respective authorities.
- m. The Bidder shall submit the parameters which require calibration, and the frequency of calibration required.
- n. The Bidder shall undertake on-site calibration of the equipment every year as part of the after sales service during the period of comprehensive warranty, CMC/AMC or on demand from the user.
- o. The Bidder shall also have to submit whether periodic replacements of consumable items are required for proper functioning of their quoted machine/Equipment If yes they should submit the list of such consumables along with price list and frequency of replacement per year, if the same is not replaced free of cost during warranty / guarantee period.
- p. The offered warranty includes:
 - i. Visits to the user institutions at frequencies prescribed as part of preventive maintenance.
 - ii. Testing & calibration as per technical/service/operation manual of the manufacturer or as per the period specified or as per the demand of the user.
 - iii. Quality Assurance tests (if applicable).
 - iv. The cost of labour for all repairs/ and all spares required for replacement during repairs all kinds of accessories, Probes, all types of sensors and transducers, Electrodes, Detectors, battery, battery for UPS, other vaccumatic parts etc. wherever applicable and also the accessories and other devices supplied along with the equipment's which forms part of the equipment system, without which it cannot perform satisfactorily.
 - v. The exclusion of warranty of any vital equipment parts will be compared with offers of other Bidders during evaluation of the bids and this may be taken into consideration in deciding the successful Bidder on the basis of expert advice.
 - vi. The Bidder shall provide up-time warranty of complete equipment as mentioned in this document, the uptime being calculated on 24 (hrs) X 7 (days) basis failing Warranty period will be extended

for every additional day of down time equal to one week.

- vii. The installed software should be the latest one for the particular model and all future software updates should be provided free of cost during the Warranty period.

24. Warranty Period:

- a) The “Complete System” shall remain under warranty period of 3 years from the date of satisfactory installation. The Complete System should include the basic unit and allied supporting components to be supplied by the bidder along with basic unit.
- b) During warranty period, bidder shall provide at least four maintenance visits per year at regular interval for usual maintenance and supervision. If bidder fails to provide these maintenance visits at regular interval, a proportionate deduction in the form of damages on pro-rata basis will be recovered from the bidder from the Performance Security amount in accordance with KPIs. In case the Performance Security is not adequate, Authority shall have right to recover the losses / damages from other sources as well.
- c) Bidder shall also attend all breakdown calls within 3-7 days of the receipt of the information from Consignees through fax/e-mail/mobile/SMS etc.
- d) During warranty period, bidder shall maintain and keep 95% uptime per year of the “Complete System.” as per calculation given below: -.

1 Year = 365 days

95% of 365 days = 347 Days per annum

- e) The bidder shall compensate the uptime less than the specified above for every additional day of down time over and above 18 days stipulated above, warranty period will get extended by one week as penalty at no extra cost i.e., the extended penalty period will be equal to one week for every additional day of down time.
- f) During warranty period, bidder will make the “Complete System” in satisfactory working condition. In case, any spare parts need replacement due to normal wear and tear, bidder will supply and install the same for which no additional payment is to be made. If any spares / accessories / consumables etc. are not replaced by the bidder during warranty period, bidder should mention it clearly with name of the items with frequency of replacement and its rate with a validity to cover warranty period.
- g) In case, the bidder is not able to provide services (and the items / accessories is not functioning as the reason thereof) due to natural calamity (act of God), Political unrest, Riot and fire at the user site, then in such a situation the warranty period will be extended by the period for which the item / accessories could not be operated because of supplier not been able to provide services.
- h) During warranty period, in case of any alleged damage due to accident / human error, a committee under the Chairmanship of CEO, MMGPA, Mumbai with one member from the bidder and one member from the Authority will decide the authenticity of the claim. The decision of the committee shall be final and binding on both the parties.
- i) Replacement of equipment's/ parts and service thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost. The expenditure incurred on account of transport, installation, commissioning, and various duties involved in the replacement of equipment's/ parts shall be borne by the supplier.

25. After Sales Services: -

- a) After expiry of the warrantee/Guarantee period of the equipment, the Selected Bidder will have to undertake the Comprehensive Annual Maintenance contract (with spare parts) of the Complete System for the further life span of equipment. The life span of the equipment shall not be less than ten years. In special circumstances the total life span of the Equipment/ items may be reduced by the Authority.
- b) The Complete System should include the basic unit and allied supporting components to be supplied by the bidder along with basic unit.
- c) During Comprehensive Annual Maintenance Contract, bidder shall **provide at least four maintenance visits per** year at regular interval for usual maintenance and supervision. If bidder fails to provide these maintenance visits at regular interval per year, a proportionate deduction in the form of damages at the rate of 1/2% of CAMC contract amount per week will be deducted maximum up to 5%.
- d) Bidder shall also attend all breakdown calls within 3-7 days of the receipt of the information from Consignees through fax/e-mail/mobile/sms etc.

- e) During Comprehensive Annual Maintenance Contract, **bidder** shall maintain and keep **95% uptime** per year of the “**Complete System**” as per calculation given below: -.

1 Year = 365 days

95% of 365 days = 347 Days per annum

- f) The bidder shall compensate the uptime less than the specified above for every additional day of down time over and above 18 days stipulated above, warranty period will get extended by one week as penalty at no extra cost i.e., the extended penalty period will be equal to one week for every additional day of down time.
- g) During Comprehensive Annual Maintenance Contract, **bidder** will make the “**Complete System**” in satisfactory working condition. In case, any spare parts, PCB etc. needs replacement due to normal wear and tear; bidder will supply and install the same for which no additional payment is to be made. **If any spares / consumables / accessories etc. are not covered under Comprehensive Annual Maintenance Contract charges, it should be clearly mentioned with frequency of replacement and with rate. The validity of rate of such items should also be mentioned clearly. What will be the rate of escalation on the quoted rate after expiry of the validity of rate of such item must be mentioned.**
- h) The payment of Comprehensive Annual Maintenance Contract will be made on half yearly basis after submission of satisfactory functioning report of the Complete System by the officials authorized by the Authority.
- i) In case, the **bidder** is not able to provide services (and the items / accessories is not functioning as the reason thereof) due to natural calamity (act of God), Political unrest, Riot and fire at the user site, then in such a situation the Comprehensive Annual Maintenance Contract will be extended by the period for which the item / accessories could not be operated because of supplier not been able to provide services.
- j) During Comprehensive Annual Maintenance Contract, in case of any alleged damage due to accident / human error, a committee under the Chairmanship of CEO, MMGPA, Mumbai, with one member from the bidder and one member from the Authority will decide the authenticity of the claim. The decision of the committee shall be final and binding on both the parties.

26. Comprehensive Annual Maintenance Contract:

- a) The decision to enter into CMC or AMC will be determined on the basis of cost and complexity of the equipment by the Tender Inviting Authority, at its discretion, prior to the expiration of warranty period. In case if it is decided by Authority to enter into CAMC contract, the vendor will have to submit CAMC agreement at the time of supply of items. The Performance Security Deposit for CAMC contract will be 10% of the CAMC cost.
- b) The Comprehensive Maintenance Contract (CMC) is otherwise an extended warranty. All the terms and conditions agreed by the successful Bidder for executing the comprehensive warranty of the equipment shall be extended during the period of CMC, only difference being the payment of CMC charges is absent during the period of comprehensive warranty.
- c) The cost of CMC, accessories, spares, and consumables as in case may be quoted along with taxes applicable, if any. The taxes to be paid extra, to be specifically indicated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
- d) Failure/refusal on the part of the successful tender supplying/installing the equipment's to enter into CMC with the Tender Inviting Authority, at the end of the Comprehensive Warranty Period, if the Authority, as the case may be, desires so, shall lead to forfeiture of performance security and may also result in the blacklisting/debarring of the Bidder.
- e) The payment of the agreed CMC charges will be made as per frequency for payment after satisfactory completion of said period, on receipt of service report/ break down report from the user.
- f) The Bidder shall also have to submit whether periodic replacements of consumable items are required for proper functioning of their quoted machine/Equipment? If yes, they should submit the list of such consumables along with price list and frequency of replacement per year if the same is not included in quoted Comprehensive Annual Maintenance Contract charges per year.
- g) The tenderer will have to agree to enter into an Annual Maintenance Contract (AMC)@ 0.5% per year of the Order value of the machinery / equipment (excluding taxes).
- h) Where required, tenderer will have to agree for Comprehensive Maintenance Contract (CMC) inclusive of all spares @ 5% of the Order value (excluding taxes) of the equipment per year. The period of such AMC / CMC will be of 7 years after completion of warranty period. In case of non-compliance of AMC/CMC the

supplier will be liable to pay a damages. Such damages shall be recovered from the amount of the Performance Security submitted. Payment for AMC /CMC on yearly basis will be made by the user's institution, at the end of year after satisfactory performance report from the end user.

Key Performing Indicators (KPI)

Sr. No.	SLA Description	Resolution Target	Liquidated Damage (LD)
1.	Supply/Delivery of equipment(s)	Within 60 days for goods manufactured in India and 90 days for Imported goods from the issue of the PO (Purchase Order).	1/2% per week delay and thereof of the Purchase Order value, maximum up to 5% value of the Purchase Order
2.	Installation of Equipment	Within 7 days of supply of equipment(s)	1/2% per week delay and thereof of the Equipment Value, maximum up to 5% value of the Equipment
3.	Operational Acceptance of the equipment(s)	Within 7 days of Installation of equipment(s)	1/2% per week delay and thereof of the Equipment Value, maximum up to 5% value of the Equipment
4.	Any defect in EQUIPMENT or any of its part	Resolution: ≤ 3 Days from the time the call is logged by end user.	1/2% of cost of the Equipment & accessories will be deducted per week up to maximum 5% of PO Value post which purchaser may proceed to take such remedial action as may be necessary. Damages will be recovered from due payment to bidder or from Performance Security deposit. Once the Performance Security deposit get forfeited, the bidder will be required to recoup the Performance Security deposit. if the bidder fails to recoup the Performance Security deposit or settle the damages amount, the bidder will be blacklisted for three years. (Performance Security deposit will be released after settlement of damages.)
5.	Warranty	Resolution: ≤ 3-7 Days from the time the call is logged by end user.	The Selected Bidder must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 3 days for Mumbai, 7 days for other places the supplier will be liable to pay a damages of 1/2% of purchase cost for every week of delay. Such damages will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier.

Sr. No.	SLA Description	Resolution Target	Liquidated Damage (LD)
6.	Annual Maintenance Contract (For rendering services)/ The tenderer will have to agree to enter into an Annual Maintenance Contract (AMC)@ 0.5% per year of the Order value of the machinery / equipment (excluding taxes).	Resolution: <=3-7 Days from the time the call is logged by end user.	1/2% per week delay and thereof of the Equipment Value, maximum up to 5% value of the Equipment
7.	Comprehensive Annual Maintenance Contract: - Where required, tenderer will have to agree for Comprehensive Maintenance Contract (CMC) inclusive of all spares @5% of the Order value (excluding taxes) of the equipment per year. The period of such AMC / CMC will be of 8 years after completion of warranty period. In case of non-compliance of AMC/CMC the supplier will be liable to pay damages. Such damages shall be recovered from the amount of the Performance Security submitted. Payment for AMC /CMC on yearly basis will be made by the user's institution, at the end of year after satisfactory performance report from the end user.	Resolution: <=3-7 Days from the time the call is logged by end user.	1/2% per week delay and thereof of the Equipment Value, maximum up to 5% value of the Equipment

27. Demonstration:

Demonstration of quoted product is mandatory for technically qualified bidders before the opening of financial bid. Such bidders shall produce the quoted product for demonstration on the date (approximately within 7 days from the date of declaration of technically qualified bidder) and at the place specified by the MMGPA, Mumbai, India. If the concerned bidder fails to do so, the said bid will be summarily rejected and the EMD will be forfeited. If demonstration / testing of equipment offered by the bidder is found to be non-satisfactory, then the said bid will not be considered, and the bid will be rejected.

In case of Equipment for which it is not possible to arrange demonstration at the MMGPA due to technical reasons like requirement of regulatory certificates and bulky equipment, demonstration shall be arranged at the site where the equipment is stored by the bidder. Demonstration of such equipment shall be done on the date (approximately within 7 days from the date of opening of technical bid) and at the place specified by the MMGPA, Mumbai, India. If the concerned bidder fails to arrange the product for the demonstration, or after the demonstration, the said product does not satisfy the test, the bid of the said bidder will be rejected and EMD will be forfeited. The decision to arrange Demonstration onsite shall be at the sole discretion of CEO, MMGPA and will be binding on all the bidders. The cost of arranging the demonstration shall be borne by the

bidder.

The demonstration of equipment should be attended by empaneled members as decided by CEO, MMGPA from members empaneled by Government Resolution dated 31.10.2017. The video recording of the demonstration shall be mandatorily done. Soft copy of the Video Recording shall be handed over to the representative of MMGPA who witnessed the demonstration, at the site itself. Arrangement of Video Recording shall be done by the bidder at their own cost. The demonstration report shall be prepared on same day and signed by all present including representatives of bidder and the report of the demonstration should be scanned and mailed to General Manager (Technical), MMGPA on office mail I.D. on the same day.

28. Pre-dispatch Inspection:

The Pre-dispatch inspection will be done by a team appointed by CEO, MMGPA prior to shipment and the team will inspect the equipment physically in accordance to the tender specifications and certify the following things: -

- a. The equipment is new and made of virgin material, it is not reconditioned / retrofitted.
- b. The name of the equipment manufacturer, model and serial nos. of equipment & country of manufacturer.
- c. "Maharashtra Government (MMGPA) Supply" shall be affixed on each equipment item by using aluminum strip of appropriate size.
- d. The team shall clearly mention in their report the purchase order no., date and name of consignee.
- e. Packing List: - It shall be issued by original manufacturer/importer/ Authorized Distributor.
- f. Country of origin Certificate: - It shall be issued by competent authority of that country (Chamber of commerce of concerned Country) mentioning Name of manufacturer, consignee, name of equipment, invoice No., Qty. etc.
- g. Original Invoice issued by bidders / manufacturer should contain following details: -
- h. The name of the equipment manufacturer, model, and serial nos. of the equipment.
- i. Name of the consignee -list attached.
- j. Allowances of pre-dispatch inspection team shall be borne by the Bidder.

29. Consequences of default by Bidder:

- 29.1. Damages on late delivery:** If the supplier fails to deliver the goods or any consignment thereof within the period prescribed for delivery, the purchaser shall be entitled to recover 1/2 % of the value of the delayed supply for each week of delay or part thereof subject to the maximum of 5%, calculated from the next day after the agreed delivery period is over.
- 29.2. Consequences of inferior substandard/supply:** - If the equipment supplied is found of inferior quality or not as per specifications, the contractor shall replace the equipment within one month from the date of intimation at the cost & risk of the contractor and also liable to pay the fine imposed by the consignee, failing which Performance Security Deposit of the contractor shall be forfeited and the tenderer shall be liable for penal action including black-listing etc. In addition to the forfeiture of the Performance Security Deposit, if any fine is imposed by the consignee same shall be recovered from other dues to the contractor from –his bills payable.
- 29.3. Replacement of Rejected materials:** - Tenderer / Contractor shall have to replace rejected material with approved one. The supplier shall remove the rejected material within 15 days failing which the same will be disposed of by consignee at the risk and cost of contractor without any further correspondence in this regard.
- 29.4. Risk & Cost Purchase:** - In case the Contractor/s, shall at any time during the continuance of these presents fails to supply satisfactorily the equipment within the prescribed time as herein provided and or in case shall fail to replace any part/s that may have been rejected with other of approved quality, the consignee shall be at liberty forthwith to procure the same in the open market at the risk and cost

of the contractor/s. Similarly if the work underlying the contract is not executed satisfactorily within the stipulated period or after the same having been disapproved wholly or partly is not rectified or re-done to the satisfaction of the Officer in Charge within the said specific period, the consignee shall get the same executed or rectified or re-done through any other agencies, at the entire risk of the supplier and expenses thereby incurred, shall be payable by the supplier and / or may be deducted from any moneys due or become due to the contractor/s and the consignee may, however fix such other subsequent date as he may think fit by which the delivery of the said article and or execution of the said work shall be completed.

29.5. Blacklisting: - The firm shall be black-listed for a period of two years, if it is found that: -

a. Forged documents are submitted.

OR

b. If it becomes responsive on the basis of submission of bogus certificate / information.

29.6. In case of non-supply of equipment / accessories or supply of substandard quality or supply of equipment / accessories found to have been previously used or having re-furbished parts.

29.7. Replacement of equipment's/ parts and service thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost. The expenditure incurred on account of transport, installation, commissioning, and various duties involved in the replacement of equipment's/ parts shall be borne by the supplier.

30. Third Party Inspection: -

30.1. In the event of challenge raised about the technical specifications or the working of the equipment by the technically disqualified bidder/s or the user department, the CEO, MMGPA, Mumbai will have the authority to appoint third party inspection. The cost of third-party inspection shall be borne by the tenderer, but such "third-party inspection" will be at the discretion of CEO. MMGPA

31. Force Majeure:

If, at any time, during the continuance of this contract the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restriction, strikes, lock-outs or acts of God (hereinafter referred to as "events"), provided notice of happening of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such nonperformance or delay in performance; and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of purchasing officer as to whether the deliveries have been so resumed or not, shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at its option terminate the contract PROVIDED ALSO that if the contract is terminated under this clause, the purchaser shall be at liberty take over from the contract at a price to be fixed by the purchasing Officer which shall be final all unused, undamaged and acceptable materials, bought out components and stores in course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit accepting such material, bought out components and stores as the contractor may wish with the concurrence of the purchaser elect to retain.

32. Confidentiality:

32.1. Information relating to the examination, clarification, evaluation, and comparison of bids, and recommendations for the award of a Contract shall not be disclosed to bidders or any

32.2. other persons not officially concerned with such process until the notification of Contract award is made.

- 32.3.** Any effort by the bidder to influence the Authority in the Authority 's bid evaluation, bid comparison, or contract award decisions may result in the rejection of the bidder's bid.

33. Payment:

Payment against supply order issued under this bid will be made by Maharashtra Medical Goods Procurement Authority, Mumbai.

Payment of 80% of the of the contract value will be released against receipt of original GST invoice duly supported by acknowledgement of receipt of equipment in good condition certified by concerned facility in charge at consignee location. Remaining 20% payment will be released after successful installation and satisfactory commissioning and operation of the equipment and upon submission of following documents:

- i. 3 copies of supplier's invoice.
- ii. Acceptance certificates issued by the consignees.
- iii. Payments towards the supply of Items will be made strictly as per the rules of MMGPA, Mumbai. The payment will be made through RTGS/ NEFT. The bidder shall furnish the relevant details to make the payment through RTGS/NEFT and the change of Bank Account during the validity of the bid will not be entertained normally.
- iv. The bidder must furnish CRC (Consignee Receipt certificate) IQ, PQ and OQ certificate approved, signed and stamped by the Authorized Consignee.

The Authority shall have every right to deduct the pending dues on account of loss, compensation, or any remedial action in monetary terms from the said payment. The supplier shall not agitate the said issue in future.

34. Corrupt or Fraudulent Practices:

- 34.1.** The Authority as well as bidders shall observe the highest standard of ethics during the procurement and execution of such contracts.
- 34.2.** "Corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.
- 34.3.** "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract to the detriment of Authority and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Authority of the benefits of free and open competition.
- 34.4.** "Collusive practice" means a scheme or arrangement between two or more bidders, with or without the knowledge of the Authority, designed to establish bid prices at artificial, non-competitive level; and. "Coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or effect the execution of the contract.
- 34.5.** "The Authority will reject a bid for award if it determines that the bidder recommended for award has directly or through an agent engaged in corrupt or fraudulent practices in competing for the contract in question.
- 34.6.** The Authority will declare a firm or individual as ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, a contract.

35. Resolution Of Dispute:

- 35.1.** In the event of any question, dispute, or differences in respect of contract or terms and conditions of the contract or interpretation of the terms and conditions or part of the terms and conditions of the

contract arises, the parties may mutually settle the dispute amicably.

36. Arbitration:

- 36.1.** In the event of failure to settle the dispute amicably between the parties, the same shall be referred to the sole arbitrator as mutually agreed upon by the parties. The award passed by the sole Arbitrator shall be final and binding on the parties.
- 36.2.** The arbitration proceedings shall be carried out as per the Indian Arbitration and Conciliation Act, 1996 and the rules made thereunder. For settlement of all disputes & Arbitration the place of jurisdiction shall be Mumbai, Maharashtra. The language of Arbitration shall be English.

37. Governing Language: English language version of the contract shall govern its Interpretation.

38. Applicable laws:

The contract shall be governed in accordance with the law prevailing in India, Act, Rules, Amendments, and orders made there on from time to time.

39. Indemnification:

The supplier shall indemnify the Authority against all actions, suit, claims and demand or in respect of anything done or omitted to be done by supplier in connection with the contract and against any losses or damages to the Authority in consequence of any action or suit being brought against the supplier for anything done or omitted to be done by the supplier in the execution of the contract. The supplier shall submit an indemnity bond to this effect.

40. Jurisdiction: All the suits arising out of the contract shall be authority in the court of competent jurisdiction situated in Mumbai only and not elsewhere.

41. Saving clause:

No suits, prosecution or any legal proceedings shall lie against the Chief Executive Officer, Maharashtra Medical Goods Procurement Authority, Mumbai, or any person for anything that is done in good faith or intended to be done in pursuance of bid.

Appendix I: Pre-qualification-cum-Technical Bid Templates

I. General

The Bidders are expected to respond to the RFP using the forms given in this section and all documents supporting Pre-Qualification / Technical Evaluation Criteria.

Pre-Qualification Bid & Technical Proposal shall comprise of following forms:

Annexure to be used in Pre-Qualification cum Technical Proposal (Envelope 1)

Annexure I: Letter Comprising the Technical Bid

Annexure II: Compliance Sheet for Pre-qualification Proposal

Annexure III: Proforma for Production And Sale Statement

Annexure IV: Annual Turnover statement for three years

Annexure V: Details of Manufacturing unit

Annexure VI: Contract Form

Annexure VII: Undertaking for rates, specification, blacklisting status on Stamp paper duly notarized

Annexure VIII: Mandate Form

Annexure IX: Power of Attorney for signing of Bid

Annexure X: Technical Specifications

Annexure XI: Compliance sheet for Technical Proposal

Annexure XII: Place of delivery

Annexure XIII: Self Declaration Affidavit (on Rs.100/- Stamp Paper)

Annexure XIV: Manufacturer's Authorization Form

Annexure XV: Format for EMD Bank Guarantee if not submitted online.

Annexure XVIII: Checklist duly filled and signed by the bidder's Authorized representative.

Annexure I: Letter Comprising the Technical Bid

**To,
Chief Executive Officer,
Maharashtra Medical Goods Procurement Authority,
1st Floor, Aarogya Bhawan,
Near CSMT Railway Station,
Mumbai 400001 (Maharashtra)**

Subject: Request for Proposal (RFP) for.....

Dear Sir,

Having examined the bid document and addendum/corrigendum, if any the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the goods under the above-named Contract in full conformity with the said bid document and our financial offer in the Price schedule submitted in Envelop No. 2 which is made part of this bid.

We undertake that all information provided in our bid and in the Appendices is true and correct and all documents accompanying such bid are true copies of their respective originals.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the bid document.

We undertake that as on the date of submission of the proposal, we are not involved in any conflict-of-interest situation.

If our bid is accepted, we undertake to submit the security deposit in the form, in the amounts, and within the times specified in the bid document.

We agree to abide by this bid for the Bid Validity Period specified in the bid document and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid together with your written acceptance of the bid shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

We agree and undertake to abide by all the terms and conditions of the RFP Document. In witness thereof, We submit this Proposal under and in accordance with the terms of the RFP Document.

Signed: _____

Date: _____

In the capacity of _____

Duly authorized to sign this bid for and on behalf of _____

Signature & stamp of bidder

Annexure II: Compliance sheet for Pre-Qualification Proposal

(The pre-qualification proposal should comprise of the following basic requirements. The documents mentioned in this compliance sheet along with this form, needs to be a part of the Pre-Qualification proposal)

Sr. No.	Basic Requirement	Specific Requirement	Documents required
1.	Registered Legal Entity	<p>The Bidder shall be any person/Company/ Society/Proprietorship/ Partnership firm/Trust registered under applicable Act in India/ Government-owned enterprise or institution</p> <p>The Bidder shall be –</p> <p>a) A manufacturer having valid manufacturing and equipment license for the items quoted.</p> <p style="text-align: center;">OR</p> <p>b) An Importer* having valid import license and equipment license for the items quoted.</p> <p style="text-align: center;">OR</p> <p>c) Authorized Distributor fulfilling all tender conditions.</p> <p>d) Separate Manufacturer's Authorization will be required for each equipment.</p> <p>e) Registered with the GST Authorities.</p> <p>f) Should have a valid PAN number.</p> <p><i>*Importer refers to a legal Entity such as a Company/ Society/ Trust/Partnership firm registered under applicable Act in India/ Government-owned enterprise or institution that engages in the process of bringing equipment or goods from outside India into the country's borders for commercial purposes. Importer itself shall be responsible for supply and maintenance of the equipment as per the terms of RFP and shall not engage any third party for the same)</i></p>	<p>a. Copy of certificate of incorporation/registration along with charter documents like copy of Memorandum and Articles of Association, and other registration documents according to the nature of entity.</p> <p>b. Attested photocopy of valid manufacturing Equipment/ import license with product list duly approved by the Licensing Authority for each and every product quoted as per specification in the bid. The license must have been duly renewed up to date and the items quoted shall be clearly highlighted in the license. If quoted item is manufactured at different places, Manufacturing License & Performance certificate should be enclosed.</p> <p>c. Manufacturer's Authorization as per Annexure XIV to be provided by Importer, Authorized distributor</p> <p>d. Copy of GST Registration certificate issued by GSTN authorities. In case of</p> <p>e. Copy of PAN Card.</p>
2.	Certifications/ registration	<p>The Bidder shall have to provide requisite certifications/registration.</p>	<p>a. Certificates of DPIIT (if applicable)</p> <p>b. Original manufacturer's certificate that the product is being used in country of origin.</p> <p>c. Import Export Certificate (IEC Code)</p> <p>d. Affidavit of Importer regarding equipment being imported in India for last three years.</p>

Sr. No.	Basic Requirement	Specific Requirement	Documents required
3.	Litigation	The Bidder should not be involved in any major litigation such as fraud, FEMA violations and any other civil or criminal proceedings that may have an impact of affecting or compromising the delivery of services as required under this contract.	Affidavit as per Annexure VII.
4.	EMD/Bid Security	Bidders are required to pay the EMD/Bid Security of ₹ 8,00,000/- through online mode on https://mahatenders.gov.in , or in the form of BG as per annexure XV	<ul style="list-style-type: none"> • EMD in the form of NEFT/RTGS/BG
5.	EMD Exemption	If a Bidder is a Micro Small and Medium Enterprise (“MSME”) / Small Scale Industry (“SSI”) then subject to submission of relevant documents as provided in this table, such Bidder may be exempted from submitting EMD in accordance with Appendix-8 of Govt. Resolution by Industries, Energy & Labour Department, Maharashtra State, dated 1.12.2016.	<ul style="list-style-type: none"> • Requisite Certificate of Micro and Small-scale manufacturing industries registered under Micro, Small and Medium Enterprises development act 2006. • Importer shall produce authorization Certificate from manufacturer as authorized seller as per Annexure XIV • EM-II certificates whenever necessary (mandatory for Medium Enterprises)
6.	Conflict of Interest	On the date of submission of the proposal, the Bidder should not be involved in any conflict-of-interest situation.	Undertaking by the authorized signatory as per Annexure I
7.	Blacklisting or banned	On the date of submission of the proposal, the Bidder should not be blacklisted or banned by any ministry/department/attached offices/sub-ordinate offices under Government of India and any State government, Autonomous bodies (established by Central/State govt), any Central/State PSUs for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices.	Affidavit as per Annexure VII
8.	Debarment	On the date of submission of the proposal, the Bidder should not be debarred	Affidavit as per Annexure VII.
9.	Average Annual Turnover	Average Annual Turnover (in last three financial years (2022-23, 2023-24, 2024-25) shall be at least Rs 4 Cr.	Certificate issued by a statutory auditor/chartered accountant (as attached Annexure-IV) along with Audited Financial Statements confirming the Average Annual Turnover of the Bidder during the stated Financial Years must be submitted.

Sr. No.	Basic Requirement	Specific Requirement	Documents required
10.	Net Worth	The net worth of the bidder in the financial year (2024-2025) should be positive .	Certificate issued by a statutory auditor/chartered accountant (as attached Annexure-IV).
11.	Technical Capability	Bidder must have successfully undertaken supply, installation & commissioning of quoted Equipment or Medical Equipment & Instruments of an amount of Rs 4 Cr. during last three financial years (2022-23, 2023-24, 2024-25)	The Bidder shall provide the documentary evidence in support of its credentials such as agreement copy/ work order / Letter of Award. This should be supported by work completion certificate/customer satisfaction certificates with customer details and client certificate. Statutory auditor's certificate or Chartered Accountant's certificate, as the case may be, shall be submitted for demonstrating the past experience. (as per Annexure number III)
12.	Production Capacity / Import Quantity	Production Capacity of the Original Equipment Manufacturer must be minimum 1.5 times of the quoted order quantity in last one financial year.	Certificate of Statutory Auditor/Chartered Accountant For importers and Authorized distributors Certificate of Statutory Auditor/Chartered Accountant of OEM has to be submitted in Annexure V
13.	Service center	<p>In case of Bidder being Manufacturer, the bidder should have at least 2 service centers in state of Maharashtra.</p> <p>In case of Bidder being Importer/Authorized distributor, the bidder should ensure that OEM have at least 2 service centers in state of Maharashtra.</p>	<p>List of at least 2 service centers in Maharashtra with address and contact details shall be provided by the bidder which shall exist for the period of warranty as mentioned and also, during the additional CMC/AMC period, if awarded.</p> <p>The Importer/Authorized Distributor shall provide an undertaking from OEM that OEM shall have at least 2 service centers for the period of warranty as mentioned and also, during the additional CMC/AMC period, if awarded.</p>

Annexure III: Proforma for Production And Sale Statement

(For a period of last 3 Years)

(To be submitted on the letterhead of the Statutory Auditor/ Chartered Accountant of the Bidder)

Sr. No.	Year	Name and full Address of the Purchaser	Purchasing Entity (Gov./Semi Gov./Other)	Name of the Product	Purchase Order No. & Date	Purchase Order Quantity	Purchase Order Value (in Rs.)	Quantity		PO Copy enclosed on Pg. No.
								Manufactured Qty	Sold Qty	
1	2022-23									
2	2023-24									
3	2024-25									

Add rows as per requirement.

Note:

1. In support of above statement, enclose the copies of supply orders with client's satisfactory certificates. All purchase orders should be enclosed in the sequence as per the data provided in table above.
2. All the data provided in the above table has been verified by undersigned CA.

Name, Membership number and signature of the Chartered Accountant:

UDIN:

Name and seal of the firm:

Location, Date:

Authorized Signature (*PoA holder*)

[In full and initials with Seal]:

Name and Title of Signatory:

Name of Bidder (*Firm/ Organization's name*):

Address:

Telephone:

Email:

(Name and seal of the Bidder)

[Location, Date]

Disclaimer: If, 1. The bidder is OEM , then the details of Annexure III of production in last three years

The bidder is Authorized distributor, then the details of Annexure III of sale in last three years

Annexure IV: Average Annual Turnover and Net Worth of the Bidder

(To be submitted on the letterhead of the Statutory Auditor/ Chartered Accountant of the Bidder)

The Average Annual Turnover and Net Worth details of M/s _____ for participation under the RFP are given below and certified that the statement is true and correct.

Sr. No.	Year	Turnover (In Rs.)	Positive Net worth (Yes/ No)
1	2022-23		
2	2023-24		
3	2024-25		
4	Average Annual Turnover of above 3 years		

This is to certify that the Net worth of (*name of Bidder*) is Positive for last 3 (three) Financial Years i.e., (2022-23, 2023-24, 2024-25) as per the Audited Financial Statements.

For the purposes of this RFP, net worth (the “**Net Worth**”), in case of Company shall mean the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.

For other eligible entities, the Net Worth shall mean the amount derived by subtracting the liabilities from the corpus and reserve amounts as certified by the chartered accountant/statutory auditor having valid registration.

Note:

- Certificate issued by a statutory auditor/chartered accountant along with Audited Financial Statements confirming the average annual turnover of the Bidder during the stated financial years must be submitted on the letterhead of the Statutory Auditor.
- Provide supporting Audited Financial Statements (Balance Sheets, Profit and Loss Statements, etc.) of the bidding organization/ firm.

Name, Membership number and signature of the Chartered Accountant:

UDIN

Name and seal of the firm:

Location, Date:

Authorized Signature (*PoA holder*)

[*In full and initials with Seal*]:

Name and Title of Signatory:

Name of Bidder (*Firm/ Organization's name*):

Address:

Telephone:

Email:

(*Name and seal of the Bidder*)

[*Location, Date*]

Annexure V: Details of Manufacturing Unit

1. **Name of the Manufacturer:**
2. **Full address:**
3. **Phone Nos.:**
4. **Fax No.:**
5. **Email ID:**
6. **Date of inception:**
7. **License No. & date:**
8. **Issued by:**
9. **Valid up to:**
10. **RTGS (Real Time Gross Settlement) System or Core Banking A/c No.:**
11. **Details of installed production capacity for 1 year:**

Sr. No.	Equipment name	Total Production Capacity	Actual Production	Installed Quantity
1	Examination Table with foot steps			
2	Gynaec Examination Table with foot steps			
3	Simple Operation Table with Gynae Attachments			
4	Examination Light with stand (Mobile)			
5	Mobile Shadowless Lamp			
6	Instrument trolley S.S.			
7	Medicine cum Dressing Trolley S.S.			
8	Linen Trolley S.S.			
9	Recovery trolley S.S			
10	Food Catering Trolley S.S			
11	Oxygen Cylinder Trolley (for 1.54cuM) S.S			
12	Oxygen Cylinder Trolley (for 7cuM) S.S.			
13	Hospital Bed with Mattress & Pillow, Saline Stand, Patient File Pocket			
14	Fowler Bed with Mattress & Pillow, Saline Stand, Patient File Pocket			
15	Motorized ICU Bed (5 Functions) with Mattress & Pillow, Saline Stand, Patient File Pocket			
16	Bed Head Pannel			
17	ICU Curtain (Cubical) Runnin Mtr			
18	Bedside lockers S.S.			
19	Saline Stand			
20	Attendant stools S.S.			
21	Wheel Chair S.S.			

22	Bed Side Screen (3 Fold) S.S. with Appropriate size cotton curtain			
23	Weighing Machine Adult (Digital)			
24	Weighing Machine Infant (Digital)			
25	Thermometer (Mercury)			
26	Thermometer (Digital)			
27	Height Measuring Stand			
28	B.P. Appratus (Mercury)			
29	B.P. Appratus (Mercury) with stand			
30	B.P. Appratus Digital			
31	Stethoscope (Adult) Litman			
32	Stethoscope (Paediatric) Litman			
33	Stethoscope (Neonatal) Litman			
34	Foetal Doppler (Battery Operated)			
35	ECG Machine 12 Channel with			
36	Infantometer			
37	Stadiometer			
38	X-Ray View Box LED			
39	Measuring Tape 2mtr			
40	CTG Machine			
41	Bio Medical Waste Collection Trolley S.S			
42	Pulse Oxymeter - Fingure Type			
43	Neonatal Pulse Oxymeter - Fingure Type			
44	Nebulizer Machine			
45	Labour Table.			
46	Hydraulic Operation Table			
47	Double Dome OT Light LED			
48	Single Dome Light LED			
49	Anaesthesia Work Station			
50	Phototherapy Unit			
51	Vaccum Extractor			
52	Syringe Infusion Pump			
53	Neonatal Billirubinometer (Non-Invasive)			
54	Buble C PAP with Compressor			
55	Transport Incubator			
56	Irradiance Meter			
57	Vein Finder Device			
58	Oxygen Hood			
59	Mamograpgy Machine with installation Turnkey Project			
60	Refrigerator - 300 Ltrs			
61	Defibrillator Biphasic Machine			
62	LED Partion for X-Ray Room			
63	LED Apron for X-Ray Room			
64	Dosimeter for X-Ray Room			
65	Blood Infusion Warmer			
66	Hysteroscope Full HD			
67	Dielectric Tube Sealer			
68	Blood Collection Monitor			
69	Blood Donar Cauch			

70	Vertical Autoclave			
71	Blood Bag Centrifuge (Refrigerated)			
72	Plasma Expressor			
73	Laminar Air Flow			
74	Video Larygoscope			
75	Diagnostic Bera Machine - 2 Channel			
76	OAE Screening Machine (Otoacoustic emissions)			
77	Dental Chair & Unit with all Aceesories			
78	UV Chamber -Dental Use			
79	Dental X-Ray & RVG			
80	Autoclave Verticle For Dental Use			
81	X-Ray Machine 500 MA with CR System			

Date:
Seal

Signature
Name (in capital letters)

Note: The details of manufacturing unit shall be for the premises where item quoted are actually manufactured.

THE DETAILS OF FACTORY PREMISES

Person In-charge of Factory

Name :

Phone No. :

Mobile No. :

Nearest Land mark of Factory:

Layout

Km from Airport :

Name of the Airport and City:

Km from Railway Station :

Name of the Railway Station:

Km from Bus Stand :

Name of the Bus Stand
and City :

Name of designation of the authorized signatory

Note: The details of manufacturing unit shall be for the premises where item quoted are actually manufactured.

Annexure VI: Contract Form

(Stamp duty as applicable as per MSA)

THIS AGREEMENT made theday of....., 200... Between.....
(Name of Authority) of..... (Country of Authority) (Hereinafter "the Authority") of the one part and.....
(Name of Supplier) of..... (City and Country of Supplier) (Hereinafter called "the Supplier") of the other part:

WHEREAS the Authority is desirous that certain Goods and ancillary services viz. (Brief Description of Goods and Services) be procured and has accepted a bid by the Supplier for the supply of those goods and services in the sum of(Contract Price in Words and Figures) (Hereinafter called "the Contract Price"). Whereas the supplier has deposited a Demand Draft in favor of "Maharashtra Medical Goods Procurement Authority, Mumbai" payable at Mumbai from any Nationalized or Scheduled bank of Rs..... (Rs. in words.....) as performance security towards the fulfillment of this agreement.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The contractor has accepted the contract on the terms and condition set out in notice No.----- as well in the Acceptance Letter No : -.....Dt:..... which will hold good during the period of this agreement.
3. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) The Price List submitted by the Supplier;
 - (b) The Schedule of Requirements;
 - (c) The Technical Specifications;
 - (d) Terms & conditions of tender document.
 - (e) The Authority's Notification of Award.
4. In consideration of the payments to be made by the Authority to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Authority to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
5. The Authority hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
6. Upon breach by the supplier of any of the condition of the agreement, the Chief Executive Officer may by a notice in writing resolving, determine and put an end to this agreement without prejudice to the right of the Government to claim damages for antecedent breaches thereof on the part of the supplier and also to responsible compensation for the loss occasioned by the failure of the supplier to fulfill the agreement as certified in writing by the Chief Executive Officer which certificate shall to conclusive evidence of the amount of such compensation payable by the supplier to the Government.
7. This Agreement shall remain in force until the expiry of 24 (Twenty Four) months from the date of supply or delivery of all equipment under the Contract but notwithstanding herein or in the tender and acceptance forms contained, the Government shall not be bound to take the whole or any part of the estimated quantity

herein or therein mentioned and may cancel the contract at any time upon giving one month's notice in writing without compensating the Supplier.

8. The Supplier has fully read, understood & shall abide by all the term and conditions as stipulated in Bidder document, failing which the Contract Agreement is liable to be terminated at any time without assigning any reason by the Maharashtra Medical Goods Procurement Authority, Mumbai.
9. Any change/amendments if required to be incorporated in the Agreement at a later stage shall be discussed & mutually agreed by both the parties and supplementary agreements shall be binding on both the parties and shall form the part of this agreement.
10. This Contract Agreement shall be governed by and construed in accordance with the laws of Republic on India.

Brief particulars of the goods and services which shall be supplied/provided by the Supplier areas under:

Sr. No.	BRIEF DESCRIPTION OF GOODS & SERVICES	QUANTITY TO BE SUPPLIED*	UNIT PRICE	TOTAL PRICE	DELIVERY TERMS
					As per the supply order

*1. Actual quantity to be supplied may vary & will be strictly as per actual requirement.

2. Actual supply to take place only after & as per the supply order(s) issued by Maharashtra Medical Goods Procurement Authority, Mumbai from time to time.

3. Tender Document is a part & parcel of the contract.

4. All terms & conditions will apply as per Maharashtra Government Industries Department, Stores Purchase Rules issued vide Government Resolution no. 82 dated 1.12.2016 and other applicable Government Resolutions.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the Said. (For the Authority) in the presence of:.....

Signed, Sealed and Delivered by the Said..... (For the Supplier) In the presence of....

Following documents to be submitted in original to this office

1. Proof of all documents inclusive of all Appendices and Annexures of this RFP

Address for communication:

**Office of the ---
Chief Executive Officer,
Maharashtra Medical Goods Procurement Authority,
1st Floor, Aarogya Bhawan,
Near CSMT Railway Station,
Mumbai 400001 (Maharashtra)**

Annexure VII: Non-Blacklisting Affidavit

Undertaking for rates, specification, blacklisting status on Stamp paper duly notarized
AFFIDAVIT on Non-Judicial Stamp Paper of Rs. 100/-
(Original copy To be submitted to this office)

Undertaking for rates, specification, blacklisting status on Stamp paper duly notarized

Reference: Tender No. E- 264 /MMGPA/ Equipments for womens and new born hospital at Chhtrapati Sambhajinagar Group A (2025-26)

1. I/We undertake to provide the drugs/medicines/equipment's as required by Maharashtra Medical Goods Procurement Authority, Mumbai and there will be no deviation in composition, quality, packing etc.
2. The firm(Name of the Firm) has not been found guilty of malpractices, misconduct or blacklisted/debarred/ deregistered for the quoted product by any department of Govt. of Maharashtra or by any local authority and semi Govt. organization and other State Government/Central Government's organizations/ procurement corporation as on the date of submission tender document for the quoted items."
3. The firm is not involved in any major litigation such as fraud, FEMA violations and any other civil or criminal proceedings that may have an impact of affecting or compromising the delivery of services as required under this contract.

Seal

Signature

Date

Place

Annexure VIII: Mandate Form

01	Company Name	
02	Postal Address of the company with Telephone No., Fax No. and Mail address	
03	Name of the Managing Director/ Director/Manager Mobile No./Phone No. E-mail address	
04	Name and designation of the authorized company official Mobile No./Phone No. E-mail address	

Bank Details

01	Name of the Bank Branch Name & Address; Branch Code No. Branch Manager Mobile No. Branch Telephone no. Branch E-mail ID	
02	9 digit MICR code number of the bank and branch appearing on the MICR cheque issued by the bank.	
03	IFSC code of the Branch	
04	Type of Account (Current/Savings)	
05	Account Number (as appear in cheque book)	

(Please **attach the original cancelled cheque** issued by your bank for verification of the above particulars)

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold Maharashtra Medical Goods Procurement Authority, Mumbai responsible for the same. I have read the conditions of tender / agreement entered and agrees to discharge the responsibility expected of me/from the company as a tenderer/ successful bidder.

Date:

Company seal

Signature

Place:

(Name of the person signing & designation)

CERTIFIED THAT THE PARTICULARS FURNISHED ABOVE BY THE COMPANY ARE CORRECT AS PER OUR RECORDS

Bank Seal with address

Signature of the Authorized
Official of the bank

Annexure IX: Power of Attorney for signing of Bid

Know all men by these presents, We _____ (Name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorize Mr./ Ms. (name), son/daughter/wife of and presently residing at _____, who is presently employed with us and holding the position of _____, as our true and lawful attorney (hereinafter referred to as the “Attorney”) to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Bid for qualification and submission of our Bid for [***] (Project) for the [***] (the “Authority”) including but not limited to signing and submission of all Bids, bids and other documents and writings, participate in Pre-bid and other meetings/conferences and providing information/ responses to the Authority, representing us in all matters before the Authority, signing and execution of all contracts including the Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the Authority in all matters in connection with or relating to or arising out of our bid for the said Project and/ or upon award thereof to us and/or till the entering into of the Agreement with the Authority.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds, and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, _____, THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS _____ DAY OF _____ 2_____

For

(Signature, name, designation, and address)

- Witnesses:
1.(Notarized)
2.Accepted

(Signature)
(Name, Title and Address of the Attorney)

Notes:
The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure. Wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a board or shareholders’ resolution/ power of attorney in favor of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder. For a Power of Attorney executed and issued overseas, the document shall also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Bidders from countries that have signed the Hague Legislation Convention 1961 are not required to be legalized by the Indian Embassy if it carries a conforming Apostille certificate.

Annexure X

Sr No	Technical Specification of Examination Table with foot steps
1.	18 Gauge Mild Steel sheet
2.	16 Gauge Mild Steel Pipe
3.	Head side should adjustable with rack system
4.	L angle welding
5.	Epoxy Powder Coated
6.	Weight Bearing 150KG - 200KG

Sr No	Technical Specification of Gynaec Examination Table with foot steps
1.	Gynaec Examination Table with U cut mattress, SS Lithotomy Rods and SS Bowl
2.	Mild steel tubular frame work
3.	Two Section mild steel CRCA sheet top
4.	Headrest raised on ratchet
5.	Foam mattress covered with rexine
6.	Single step stool
7.	Leg fitted with rubber shoes
8.	Pretreated and powder coated finish

Technical Specification of Simple Operation Table with Gynae Attachments	
	• Length of Table Should be 1840mm
	• Width of Table Top should be 550 mm
	• Minimum Height (without Mattress) should be min 700 mm
	• Lateral Tilt should be 20 Deg
	• Back Section should be +70 deg
	• Floor Locking System Should be Manual
Technical Specification of Examination Light with stand (Mobile)	
	• Intensity should 55,000 Lux \pm 10%
	• Size of Light Field 125mm
	• Colour Temperature should 4500-5000 K
	• Colour Rendering Index 93RA
	• LED Life should >50000 Hrs.
	• Number of LED 21
	• Brightness Control Touch
	• Diameter of Light should 150 mm
	• Power Supply 220V/50Hz AC

Technical Specification of Mobile Shadow less Lamp
--

- | |
|--|
| <ul style="list-style-type: none">• Intensity 45,000 Lux +/-10% |
| <ul style="list-style-type: none">• Size of Light Field 125 mm |
| <ul style="list-style-type: none">• Colour Temperature 4500-5000 K |
| <ul style="list-style-type: none">• Colour Rendering Index 93 RA |
| <ul style="list-style-type: none">• LED Life >50,000 Hrs. |
| <ul style="list-style-type: none">• Number of LED 14 |
| <ul style="list-style-type: none">• Diameter of Light 150 mm |
| <ul style="list-style-type: none">• Brightness Control Touch |
| <ul style="list-style-type: none">• Power Supply 220V/50Hz AC |
| <ul style="list-style-type: none">• Color of LED Double (Yellow & White) |

Technical Specification of Instrument Trolley

Specifications

- Overall Size: - 685 mm L x 430 mm W x Ht 870 mm (Approx.)/ 27" x 17" x 34" ht
- Complete trolley is SS 304 grade tube and Sheet.
- All vertical sections made form 25.4 x 25.4 mm x 18 swg S.S square tube.
- Top and bottom should to be made from 1.mm thick S.S sheet double press bent on all 4 sides
- Provided with 100 mm twin wheel, non-rusting & non marking revolving castors made form high strength engineering plastic.
- The trolley should be provided with all 4 locking castors
- Railings made from 12mm dia S.S tube 18 swg tube to be provided on three sides of the shelf and the top
- Top end of vertical tube to be closed with S.S sheet with seamless joint
- External Handle to be provided on end of the trolley in 19 mm dia S.S tube.
- Top and shelves is matt finish to prevent slippage hands and items kept on shelves and resist form scratches.
- Completely seamless weld at joints forming a single unit and not installed on nut bolts . Trolley should not be in knock down condition.
- Load bearing capacity should be at least 50 kg
- Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer

Technical Specification of Medicine cum dressing trolley SS

Specifications:

- Size:- 930mm x530 mm x1770 mm ht/ 36.5" X 21" X 70"HT Approx.
- Tubular frame made from 25.4 x 25.4x 18 swg ERW. Tube
- Five drawers with internal compartments with container as follows
- 1st Drawer:75 x 75 x45 mm 35 containers
- 2nd Drawer: 150 x 75 x 45 mm 17 containers & 75 x 75 x45 mm 1 container.
- 3rd Drawer: 150 x 75 x75 mm ht 17 containers and 75 x 75 x75 mm 1 container
- 4th drawer: 150 x 150 x75 6 Containers and 150 x 75 x 75mm ht 5 containers & 75 x 75 x75 1 container
- 5th Drawer to be empty to stack IV fluids ambu bags etc.
- First two drawers 70 mm third and fourth drawer 100 mm and the fifth drawer at least 225 mm deep.
- All drawers mounted on heavy duty Soft close telescopic channels.
- The drawer should be provided with Self-clinching nuts placed in properly sized holes in the sheet and then fitted by applying a parallel squeezed force on the head. Which make the self-clinching nut an integral part of the sheet drawer. These self-clinching nuts are provided as to ease the fitting of the telescopic channel on to the drawer
- The other side of the telescopic Chanel to be secured to the internal side of the drawer in the same fashion as it has been fixed to the pull out drawer.
- Drawers to compete open so that the containers are completely visible. No part of the drawer should be left hidden inside the cabinet.
- 2 lines of Tip out bins with transparent front to see the content inside with provision for labeling each line to be at least 603 mm w x 123 mmd x 153 mm ht made ABS.

<ul style="list-style-type: none"> • 5 Tip out bins in each line.
<ul style="list-style-type: none"> • The trolley should be provided with four no's non rusting high strength engineering molded 125mm dia. set of diagonal locking Castors with Directional locking
<ul style="list-style-type: none"> • The Wheel TPE should have chemical stability, Good UV resistance, Anti-ageing & yellowing resistance and corrosion resistance. Castor housing should be 2.5 mm thick ASTM, A36MILD steel. Shell in ABS plastic 2mm thick anti impact, Anti winding.
<ul style="list-style-type: none"> • Top in S.S 1mm thick press bent on three sides with raised edges by at least 60 mm to act as railing
<p>Telescopic writing pad under the Stainless steel top, The detachable top made of PRB sheet . Hygienic & easy to maintain, High wear and Abrasion resistant, Resistant to burns, Ware resistant and most importantly Antimicrobial</p>
<ul style="list-style-type: none"> • The top should have press to open siding telescopic channel.
<ul style="list-style-type: none"> • File container on the right side of the trolley
<ul style="list-style-type: none"> • Catheter holder box to be provided adjacent to the file holder.
<ul style="list-style-type: none"> • 2 waste carrying bins in plastics on the left side of the trolley enclosed in CRCA box with S.S top
<ul style="list-style-type: none"> • Cylinder cage on the back side of the trolley which can slide below when not in use
<ul style="list-style-type: none"> • Telescopic IV attachment on left side of the trolley
<ul style="list-style-type: none"> • Monitor tray on the top at least 200 mm deep
<ul style="list-style-type: none"> • Finish: All components should be pretreated in separate eight tank process for better finish, good adhesion and corrosion protection. Process includes Hot Degreasing, De rusting, Activation, Phosphating & Number of Water rinses as per IS 3618 - 1966 class 'C' type and then pretreated materials is coated with epoxy powder with film thickness of 60 microns (approx.) and then oven baked at 180 degree centigrade.
<ul style="list-style-type: none"> • Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer

Technical specs for Linen Trolley SS

Dimensions:	<ul style="list-style-type: none"> Overall Size: 790 x 560 x 90 mm HT. / 31" x 22." x 35.5" HT Approx.
Technical specifications:	<ul style="list-style-type: none"> Completely trolley in SS 304 grade. Soiled ward Linen for OT and general ward Provided with a bag made form high quality Rexene with flap to cover the open side length wise when carrying the soiled Linen
Trolley Structure:	<ul style="list-style-type: none"> All vertical sections made form 25.4 mm x 25.4 mm 18 swg tube welded Bottom shelf made form 1mm thick S.S sheet press bent on all four sides, placed inside frame made form 25.4 x 25.4 S.S tube 18 swg thick.
Side railings:	<ul style="list-style-type: none"> Soiled Linen section should 4 railings/barriers equally placed made form 19 mm dia S.S tube, all side welded horizontally
Castors:	<ul style="list-style-type: none"> Provided with 100 mm diagonally locking, twin wheel non rusting, revolving castors, made form high strength engineering plastic
Finish:	<ul style="list-style-type: none"> Finish: All edges should be smooth and polished. The top and tray to be in matt finish and all tubes sections to be mirror polished Completely seamless weld at joints All visible bolts to be polished and covered with rubber caps
STANDARD WARRANTY	<ul style="list-style-type: none"> 1 YEAR
CERTIFCATIONS	<ul style="list-style-type: none"> Certification: IAF Accredited ISO 9001-2015, ISO 13485, ISO 14001-2015, ISO 45001:2018, & CDSCO registered manufacturer MSME bronze Certified.

Technical Specification of Recovery trolley SS

Specifications:

• Size: - 1965 mm x 690 mm x 700 - 935 ht mm/ Aprox.
• Two section top/ Mattress platform, 1830 x 570
• X-Ray permeable removable stretcher top made from 25.4 mm dia x 16 swg. ERW tube with stump feet with nylon bushes
• The Bed two sections top is made up of 8 mm thick PRB top (Anti-Virus, Anti-bacterial, Fire resistant, resistance to harmful chemicals, Dry heat tested, Wet heat tested, scratch resistant, and resistance to microbial growth etc)
• Backrest section is adjustable on ratchets
• Provided with Sliding X ray Cassette holding tray which can move through of the length of the trolley
• Sliding X-Ray cassette holder & accessories tray.
• Provision for fitting IV pole.
• Synthetic rubber covered handles.
• Height adjustable with help of Heavy duty Hydraulic pump operated by foot lever
• The bed should be provided with four no's non rusting high strength engineering molded 125mm dia. set of diagonal locking Castors with Directional locking and complete locking, which helps trolley to move in a straight direction avoiding bumping on walls and makes it easy for steering for the staff
• The Wheel TPE should have chemical stability, Good UV resistance, Anti-ageing & yellowing resistance and corrosion resistance. Castor housing should be 2.5 mm thick ASTM, A36MILD steel. Shell in ABS plastic 2mm thick anti impact, Anti winding.
• Trolley provided with a pair of Stainless Steel 304 grade Swing away type railings made form 19. mm dia tube
• Provided with Cylinder cage made form 25.4 mm wide and 3mm thick MS flat for Carrying B type Oxygen Cylinder
• Provided with IV rod
• Provided with Utility tray in SS 304 grade.
• Trendlenburg and reverse Trendlenburg with help of heavy duty gas spring attachments.
• Nylon buffer to be provided on rear to avoid contact to the walls
• 50 mm mattress is to be made with PU Foam
• Finish: All components should be pretreated in separate eight tank process for better finish, good adhesion and corrosion protection. Process includes Hot Degreasing, De rusting, Activation, Phosphating & Number of Water rinses as per IS 3618
- 1966 class 'C' type and then pretreated materials is coated with epoxy powder with film thickness of 60 microns (approx.) and then oven baked at 180 degree centigrade.
• Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer

Technical Specification of Food Catering Trolley S.S

Load capacity	100-150kg
Interlayer spacing	293mm
Feature	Corrosion Resistant
Wheel	Four Wheel
Cart size(mm x mm x mm)	L600*W400*H850mm
Material	Stainless steel

Technical Specification of Oxygen Cylinder Trolley(for 1.54cuM) S.S

<ul style="list-style-type: none">• OXYGEN TROLLEY SMALL
<ul style="list-style-type: none">• Overall Approx Size : 400 MM W x 840 MM HT
<ul style="list-style-type: none">• Tubular frame work, with two 100mm Dia. Rubber
<ul style="list-style-type: none">• wheels and bottom M S thick plate rubber support fitted
<ul style="list-style-type: none">• suitable for 762 mm height gas cylinder.
<ul style="list-style-type: none">• Finish pretreated and epoxy powder coated, .

Technical Specification of Oxygen Cylinder Trolley (for 7cuM) S.S

<ul style="list-style-type: none">• JUMBO OXYGEN TROLLEY
<ul style="list-style-type: none">• Overall Approx Size : 460 MM W x 1450 MM HT
<ul style="list-style-type: none">• Tubular frame work, fitted with two 100mm Dia. Rubber wheels
<ul style="list-style-type: none">• and bottom M S thick plate with rubber support fitted suitable for
<ul style="list-style-type: none">• gas cylinder.
<ul style="list-style-type: none">• Finish pretreated and epoxy powder coated,

Technical Specification of Hospital Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	
	<ul style="list-style-type: none"> • Frame Material should Mild Steel
	<ul style="list-style-type: none"> • Load Capacity should be 150 to 200 kg
	<ul style="list-style-type: none"> • Size/Dimension should 6 x 3
Technical Specification of Fowler Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	
	<ul style="list-style-type: none"> • Frame Work Made Of Rectangular M.S Tube
	<ul style="list-style-type: none"> • 2 Section Top Made Of Perforated M.S Sheet.
	<ul style="list-style-type: none"> • Frame Sheet & Pipe Thickness - 18 Gauge
	<ul style="list-style-type: none"> • Heavy Duty Abs Head & foot Panels comes with feature to remove and fix easily
	<ul style="list-style-type: none"> • Head & Foot Panels
	<ul style="list-style-type: none"> • 2 Collapsible Side Railing (1 Left + 1 Right)
	<ul style="list-style-type: none"> • One Mattress - 4 Section Cut
	<ul style="list-style-type: none"> • Location For I.V Rod.
	<ul style="list-style-type: none"> • Dimension: 206×90×60 cm.
	<ul style="list-style-type: none"> • With Mattress & Side Railing.
	<ul style="list-style-type: none"> • Thick Layer of Powder Coated finish for no rusting feature.
	<ul style="list-style-type: none"> • Certification- ISO 13485:2016 & ISO 9001:2015 Certified

Technical Specification MOTORIZED ICU BED (5 function) with Mattress & Pillow, Saline Stand, Patient File Pocket

Size: 2190 x 1080 x 480-790 mm HT. / 86" x 42.5" x 19." – 31" HT Approx. ±10 mm

- Platform Size: 1980 x 870 mm / 78" x 34" ± 10mm
- The Fully Motorized Bed allows the Trendlenburg positions, Reverse Trendlenburg positions, Knee rest position, back rest positions and height adjustment controlled through the corresponding electro-mechanical actuators and it is adjusted by soft touch hand held controller and has noiseless operations.
- Four independent HDPE Medical side rails in accordance with standard rule EN 60601-2-52 with gas spring assist and one hand operation. The side rails to be entrapment free with pendant (coiled wire) 1No. Patient / Attendant remote near head end side rail panel and 1 no. Nursing remote near foot board panel.
- Function lockout switches on nursing remote.
- Motorized CPR function to flatten the bed. This function should flatten the bed even if lockout switches are activated or on in nursing remote.
- Hand set to have a dedicated switch for Beach Chair Position, Trendelenburg position & Zero / CPR position
- The design of the side rails allows protecting the patient in the totality of the lying surface.
- Polymer rails provide maximum safety to the patient.
- They have an integrated angle indicator, offering a greater control of visual angulations for backrest plane and Trendlenburg / reverse Trendlenburg positions.
- The Motorized Bed Frame is be made up of 60 mm X 30 mm X 18 G CRCA rectangular tube fitted with four sleeves IV provision with Inserts in Engineering plastics
- The Motorized Bed bottom Frame is be made up of 60 mm X 30 mm X 16 G CRCA rectangular tube
- The height adjustment without mattress from 475 mm to 780 mm up via Corded Controls
- The Motorized Bed top is divided into four fix sections: Head Section, Trunk Section (Back section), Trunk section (lumber section), and leg section.
- The Bed four sections top is made up of 5 mm thick PRB top (Anti-Virus, Anti-bacterial, Fire resistant, resistance to harmful chemicals, Dry heat tested, Wet heat tested, scratch resistant, and resistance to microbial growth etc.).
- The four section frame is made from 25mm x 25 mm Square ERW tube.

- The Trendlenburg position is from rest position to 15° approx. and reverse Trendlenburg position is from 15° rest position.
- The Motorized Bed Knee frame is made up of 25 mm x 5 mm thick flat section.
- The Motorized Bed has manual quick release mechanism for back section adjustment during emergency situation
- Fast drop dual sided CPR levers to flatten the backrest.
- Damper provided for back rest to prevent the back rest from bumping when Manual Quick resale is operated
- CPR position can also be sought electronically also.
- Motorized retracting and elevating thigh section movement up to 20° with analog angle indicator.
- Default Fowler position of calf section. If the vascular position is required, then a small lift of the calf section should engage

the mechanism which lifts the calf section as the bed continues to profile upwards and will get flat as section profiles downwards.

- Knee position is adjustable on 10 step auto-locking ratchet mechanism.
- The Bed leg end section and Bed Backrest section is made form 25.4mmx 25.4mm square 18 G ERW tube.
- The Backrest position is from rest position to $70^{\circ} \pm 5^{\circ}$ and reverse at rest position easily.
- Regression in Back section: During adjustment, backrest automatically shifts backwards to compensate patient pressure on the mattress: this allows to avoid continuous repositioning of the patient on the bed, to reduce the pressure on the plexus/pelvis areas to enhance breathing and to make the patient posture significantly more comfortable. By regression the backrest shifts backwards and then raises the patient.
- The Motorized Bed has a telescopic detachable height adjustable IV rod. There should be four locations on the bed to mount this IV rod.
- The bed should be provided with four no's non rusting high strength engineering molded 150mm dia. set of Center and directional Direction locking twin wheel castors.
- One of the 4 castors should be a steering castors for directional locking.
- 150 mm castors for ease in movement to improve transferability of the patient.
- Locking for wheels should be by a single foot lever at the foot end and not on the side of the wheels.
- Buffers to be provided at all 4 corners of the bed
- Indigenous Head & Foot board should be made of blow molded Poly Propylene. Head and Foot end bows should be easily removable without any tools. Bows to be strengthened with 1.6 mm thick- 315 mm long MS tube with Stainless Steel 31.75 mm dia. sleeve at one end. .The bows are designed to fit at the extreme end of the bed. The bows should have an additional collar that cover the 60 x 30 tube at foot end and provide additional strength to the bows.
- Easy grips on either side either railing to help easy removal and fitment of the bow,
- Bows to have no locking mechanism to allow easy removal and fitment.
- The unit has the arrangement to hang the Urine bag.
- The unit has all the vertical linkages moving on heavy flat to provide friction free moment when bed is operated to all positions
- The unit works on 230 V + 15 %, 50 Hz + 10 %, with battery backup.
- Finish: All components should be pretreated in separate eight tank process for better finish, good adhesion and corrosion protection. Process includes Hot Degreasing, De rusting, Activation, Phosphating & Number of Water rinses as per IS 3618
- 1966 class 'C' type and then pretreated materials is coated with epoxy powder with film thickness of 60 microns (approx.) and then oven baked at 180 degree centigrade.
- Mattress:
- Pressure reducing mattress manufactured using high quality polyurethane foam ensuring excellent durability and recovery characteristics.
- The zoned areas of support varied according to anatomical distribution of body mass, to create high degree of conformity, especially near bony prominence.
- Sizes and sections as per the platform size/ Mattress size
- Single sheet mattress, no sections, the mattress should easily take position of the bed.
- Mattress should be provided with Zip having a cover flap. At one end only.
- Mattress is to be made with PU Foam Density: 32 ± 2 kg/m³ Stitched, cover material Color – Blue/ dark grey, (350 GSM, 0.45 thick). P.U. Foam to be minimum 100 mm thickness.
- Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer.
- The Bed should be in accordance to IEC IEC 60601-2-52:2015 (International safety standard for electric hospital be. tested by an NABL accredited Lab

Technical Specification of Bed Head Pannel

The Product Should have :

- 1 - I.P. Pole
- 2 - I.V. Stand
- 3 - Exam. Lamp

- 4 - Monitor Stand
- 5 - S.S. Basket
- 6 - Vacuum Slider

Features:

- Made with use of high strength aluminum alloys
- Top and bottom rails, suitable for mounting of all equipments.
- Powder coated, color as per client choice.
- Suitable for the provision and installation of medical gas outlets, nurse calls and electric switch socket.
- Trouble free functionality
- Sturdy design

MMGPA TENDER

- Easy to operate
- Electrical Switch & Sockets (5/15 Amp), Rj45, Ethernet

Technical Specification of ICU Curtain(Cubical) Runnin Mtr

- Aluminium Icu Cubicle Curtain Track System

Technical Specification of Bedside lockers S.S.	
Specifications	
•	Overall Size: - 380 mm x 430 mm X 1170mm / 15” X17” X 46.”
•	Locker three sides closed made form press bent CRCA sheet 1mm thickness 380 x 380 mm size
•	Locker with one drawer and one storage cabinet.
•	The drawer should be provided with Self-clinching nuts placed in properly sized holes in the sheet and then fitted by applying a parallel squeezed force on the head. Which make the self-clinching nut an integral part of the sheet drawer. These self-clinching nuts are provided as to ease the fitting of the telescopic channel on to the drawer
•	The other side of the telescopic Chanel to be secured to the internal side of the drawer in the same fashion as it has been fixed to the pull out drawer.
•	The drawer should be provided with soft close telescopic channel.
•	The door should be secured with a magnetic ball catch to keep it in position.
•	The top is provided with railings on 3 sides, made form 5mmdia SS 304 grade bar .
•	Top, Front of drawer and door to be made from good quality ply with membrane with rounded edges to ease cleaning. No cavities on the top.(no MDF)
•	Doors to be fitted with help of hinges made from high strength engineering plastic and non-rusting material.
•	Hinges should be place externally to allow complete opening of the door for cleaning.
•	3 hang out bins for medicines are provided on top of the locker mounted on capsule tube 12 mmx 25 mm. 1mm thick the bins size should be at least 110 mm x97 mmx 130 mm ± 10mm easily detachable.
•	The distance between the bottom bins and top of the locker to be at least 180 mm
•	Water bottle holder to hold at least 3 bottles of 1 lts to be provided on side of the locker.
•	The locker is provided with non-rusting, non-marking, 50mm dia revolving PU castors
•	Castors to be mounted on tubular section of 19 mm x 19 mm x 1.25 mm thick ERW tube placed under the bottom of the locker. This provides extra strength to the base of the locker at the same time provides better stability to the locker,
•	Castors should not be directly placed on the metal sheet on the bottom of the locker.
•	Nylon buffer to be provided on rear to avoid contact to the walls
•	Finish: All components should be pre-treated in separate eight tank process for better finish, good adhesion and corrosion protection. Process includes Hot Degreasing, De rusting, Activation, Phosphating & Number of Water rinses as per IS 3618 - 1966 class ‘C’ type and then pre-treated materials is coated with epoxy powder with film thickness of 60 microns (approx.) and then oven baked at 180 degree centigrade.
•	Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer

Technical Specification of Saline Stand

- Stand Should be Iron, Stainless-Steel Material
- Number of Wheels Should be Five

Technical Specification of Attendant stools

- Size 370 mm dia X 545 mm - 745 mm HT / 14” dia X 21.5” - 29”
- Tubular Four legged base of 25.4 x 18 gauge ERW Tube.
- Upholstery top 75 mm thick with metal plate to fix the screw mechanism
- Height adjustable by rotating the help of lead screws and crank. Lead screws should be roll formed. It should be functioning on the basis of Synchronized Linear Roller Mechanism (SLRM).
- Legs fitted with rubber feet.
- Finish: All components should be pretreated in separate eight tank process for better finish, good adhesion and corrosion protection. Process includes Hot Degreasing, De rusting, Activation, Phosphating & Number of Water rinses as per IS 3618 - 1966 class ‘C’ type and then pretreated materials is coated with epoxy powder with film thickness of 60 microns (approx.) and then oven baked at 180 degree centigrade

Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer

Technical Specification of Wheel Chair

- SIZE 770 X 1100X 870 mm / 30” x 43” x 34” Approx.
- Complete chair chrome plated
- Wheels self-propelling with hand hoops
- Foldable foot rest in Aluminium.
- 200 mm front revolving castors
- Brakes for locking side wheels
- Back and Seat in highly durable Rexene with good strength
- Fixed rubberized arm rest
- Mag wheels in high strength engineering plastic with rubber wheels with TPR
- Side wheels to have built in ball bearings with no separate balls to minimize maintenance
- Weight carrying capacity 100 kgs.

Technical Specification of Weighing Machine Adult (Digital)

- Machine capacity Should be 150 Kg
- Material Should be ABS Plastic

Technical Specification of Weighing Machine Infant (Digital)

- | |
|--|
| <ul style="list-style-type: none">• Capacity Should be 20 Kg |
| <ul style="list-style-type: none">• Accuracy should be 5 gm |
| <ul style="list-style-type: none">• Battery backup should be 8 hrs |

Technical Specification of Thermometer (Mercury)

- | |
|--|
| <ul style="list-style-type: none">• Temperature Range Should be Celsius & Kelvin |
| <ul style="list-style-type: none">• Accuracy Should be 99% |
| <ul style="list-style-type: none">• Response Time Should be 20 seconds |

Technical Specification of Thermometer (Digital)

- | |
|--|
| <ul style="list-style-type: none">• Temperature Range Should be 32-42 Degree C |
| <ul style="list-style-type: none">• Response Time Should be 40-60 seconds |
| <ul style="list-style-type: none">• Usage Type Should be Oral |

Technical Specification of Height Measuring Stand
--

- | |
|---|
| <ul style="list-style-type: none">• Material Should be ABS PLASTIC |
| <ul style="list-style-type: none">• Measuring Range Should be 20 - 210 cm |

Technical Specification of B.P. Appratus (Mercury)

- | |
|--|
| <ul style="list-style-type: none">• Product Type Should be Mercury |
| <ul style="list-style-type: none">• Accuracy Should be 0.03 pressure |
| <ul style="list-style-type: none">• Product Should Cuff Type |

Technical Specification of B.P. Appratus (Mercury) with stand

Product Type Mercury BP Monitor

Technical Specification of B.P. Appratus Digital

- Measurement range (heart rate) Should be 40-180 beats/min
- It Should be Portable
- Body Material Should ABS Plastic

Technical Specification of Stethoscope (Adult) Litman

- Acoustic Sensitivity Should High - excellent for hearing both high- and low-frequency sounds clearly
- Tubing Material Should Latex-free, next-generation PVC, resistant to skin oils and alcohol for long-lasting durability
- It Should Dual-lumen tubing
- tunable diaphragms on both sides
- high acoustic sensitivity

Technical Specification of Stethoscope (Paediatric) Litman

- Chest Piece Finish Should be Anodized
- Acoustic Sensitivity Should high
- Aluminium 35mm chest piece with special diaphragmLight weight
- compact with dual frequencySeamless

Technical Specification of Stethoscope (Neonatal) Litman

- Chest piece Should Aluminum
- Chest piece height Should 12 mm
- Y tube length Should 600 mm

Technical Specification of Foetal Doppler (Battery Operated)

- Battery Should be The rechargeable Li-ion battery with charger facilitates uninterrupted use of the device
- It Should be 2.5MHz Waterproof Probe
- Sensitivity should be The probe with high sensitivity enables user to monitors foetus >12 weeks
- Accuracy Should be This foetal Doppler assures accurate FHR detection with clear sound
- Excellent Display Should be Large and clear LCD display with backlight

Technical Specification for ECG MACHINE 12 channels with

Description of Function:

- ECG Machine is a primary equipment to record ECG Signal in various configurations. 12 channels with interpretation is required for recording and analyzing the waveforms with an inbuilt software.

Operational Requirements

- The ECG Machine should be able to acquire all 12 Leads simultaneously and interpret them.

Technical Specifications

- Should acquire simultaneous 12 lead ECG for both adult and paediatric patients.

- Should display ECG on multicolor 8.4" LCD Touchscreen Display of High resolution.

MMGPA TENDER

- Should have Real time LCD display of ECG waveforms with signal quality indication for each lead.
- Should have Artefact, AC, and low and high pass frequency filters.
- Should have a storage memory of at least 300 ECGs.
- Should have full screen preview of ECG report for quality assessment checks prior to print.
- Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and paediatric patients
- Should have alphanumeric Keyboard for patient data Entry. (Virtual & hard keys).
- Should have High Quality Printer Head on A4 size Paper or Z fold paper
- Should have report formats of 3 x4; 6 x2, Rhythm for up to 12 selected leads; 12 Lead Extended measurements, 1 minute of continuous waveform data for 1 selected lead printing on to A4 size paper.
- Should have battery capacity of at least 300 ECGs or 5 hrs. continuous working on single charge.
- USB Support for Storage on external portable memories.
- Earth Connection Terminal Should be Available
- Should be portable, having weight less than 6kg (with battery)
- Should have Input Circuit Current <0.05mA.
- Should have Frequency Response of range between 0.05–150Hz.
- Should have facility for PC Viewer (as optional).
- Should have RS232, USB Socket & Network Interface for Communication Interface.
- Should have facility to export data in jpeg, bmp, pdf, xml format.

Power Supply:

- Power input to be 220 - 240VAC, 50Hz fitted with Indian plug

System Configuration Accessories, spares and consumables:

- ECG Machine 12 Leads with Interpretation
- Patient Cable
- Chest Electrodes Adult (set of six) -01 set.
- Limb Electrodes (set of 4) Adult
- Thermal Paper A4/ Z fold Size for 500 patients

Environmental factors:

- The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg Cand relative humidity of 15 -90%
- The unit shall be capable of operating continuously in ambient temperature of 10 -50deg Cand relative humidity of 15 - 90%.

Quality Certificates:

- Supplier should be ISO9001 and ISO13485 certified
- Should be European CE approved by notified body & CDSCO certified.

Technical Specification of Infantometer

- infantometer are made Acrylic structure
- Foldable and light Design
- Able to measure height in MM, CM and inches
- 1 mm graduation

Technical Specification of Stadiometer

- Measuring Range Should 214 CM
- Type Should Folding
- Range Should be 8 TO 214 CM
- Material Should Light weight ABS

MMGPA TENDER

Technical; Specification of X-Ray View Box LED

Specifications:

- Aluminium+ ABS structure design better for heat dissipation
- Size: 476 mm x 500 mm x 25mm thick
- Viewing area: 361 x 420
- Power consumption 30 watt with built in power supply.
- Colour temp: 65 K
- Viewing Uniformity $\geq 90\%$
- 3 digit PME Dimming system
- Slim model thickness not more than 25 mm
- Light source: SMD/144 pc panel
- Comfortable to use with MRI , CT X-ray images as well.
- Led based technology
- Light source SMD 144 pcs/panel
- Digital indication of intensity. With steeples dimmer to set illumination to desired brightness
- Intensity controller on front panel intensity control level from 0- 100 stage adjustments
- Sensor based technology so that whenever X ray film is inserted the X-ray viewer illuminated automatically.
- Separate button to keep X ray viewer continuously illuminated if needed
- Memory function switch: by pressing this switch the desired intensity is set and whenever the x-ray viewer is turned on it automatically starts at the set illumination.
- No UV Emissions so user friendly.
- Input voltage: 220 V – 50 Hz

Technical Specification of CTG Machine

1. Display & Design

- 12.1" color LCD touch screen.
- Foldable screen with adjustable angle: 0°–90°.
- New ergonomic design for improved user experience.

2. Monitoring Parameters

- FHR (Fetal Heart Rate) monitoring range: **110 bpm – 160 bpm.**
- **Dual-channel FHR monitoring** with signal overlap verification to differentiate twin FHR.
- TOCO monitoring.
- FMOV (Fetal Movement) recording.

3. Functional Features

- Optional interface languages: **English and Chinese** (minimum).

- FHR curve separation technology.
- Automatic scoring function.
- Real-time monitoring with curve storing, reviewing, and printing capability for **continuous 24 hours**.
- Case report storage in USB (U-disk).
- 4. Printing & Recording
 - Inbuilt **152 mm thermal printer**, high-definition, long-life.
- 5. Probe & Transducer
 - 12-crystal and broad beam transducer.
- 6. Connectivity
 - Capability to connect with central monitoring system via **wired or wireless mode**.
- 7. Power Supply
 - Built-in rechargeable battery.
 - Minimum 3 hours backup after sudden power failure.
- 8. Warranty
 - Minimum **1 years comprehensive warranty** on equipment.

Technical Specification of BIO MEDICAL WASTE COLLECTION TROLLEY S.S	
Specifications	
	● Size 1310 mm x 355mm x 890 mm ht. / 52" x 14" x 35" ht. aprox
	● Completely SS 304 Grade.
	● Tubular Structure made form 25.4 mm dia. x 1.2 mm thick SS tube
	● Provided with 100 mm dia. twin wheel non marking castors made form High Strength Engineering plastic
	● All wheels to be provide with locks
	● Provided with 32 lts. capacity bins with foot pedals to open the lids
	● Size of the bin to be 393 mm w x 396 mm ht. x412 mml Approx.
	● Colors of bins to be red, black and yellow
	● Finish Trolley to be bur free, smooth finish and mirror polished.
	● Certification: IAF Accredited ISO 9001-2015, ISO 13485, CDSCO registered manufacturer

Technical Specification of Pulse Oximeter - Fingure Type	
	● Parameters Should SPO2
	● Display type Should Dual Color OLED Display
	● SPO2 Measurement Range Should 60% - 100%
	● It Should be Fingure Type
	● Display Should be LED
	● Parameters Measured Should SPO2

Technical Specification of Nebulizer Machine	
	• Weight Should be 1300 g
	• Cord Size should 1.5 m
	• Medication Cup Capacity should be 5 ml
	• Particle Size should 0.4 to 8 μ m
	• MMAD should be 4 μ m
	• On-Time 30 minutes
	• Off-Time 40 minutes
	• Sound Level should be 70 dBA (at 1 meter distance)
	• Nebulization Rate should 0.2 ml/min or above
	• Air Pressure should 28 PSI
	• Operating Pressure Range should 8 to 16 PSI
	• Operating Temperature Range should 0°C to 40°C
	• Power Supply should 230 v AC/50 hz

Technical Specifications of VIDEO LARYNGOSCOPE

S No	Specifications
1	Display size should be 4" full view.
2	It should have LCD Display.
3	Screen Resolution: 800*480
4	Battery working time \geq 130 min.
5	It should have rechargeable lithium 3200mAh Battery.
6	Battery life should be \geq 300 time.
7	Should come with 7 disposable blades (MAC 1,2,3,4,5 Non channelled & MAC 3 & 4 in channelled).
8	Screen movement should be UP/Down 0°-180° and Right/Left 0°-180°.
9	Should come with anti fog camera.
10	Disposable blades should be anti fog coating.
11	Should have 4 GB memory for recording video and image capturing.
12	Field angle \geq 66°.
13	Video aspect ratio of 4:3
14	Should have battery status indicator.
15	Should come Aluminium carry box for safety of the product.
15	Should be ISO/DOC/CE

Technical Specification of Labour Table
--

- | |
|---|
| <ul style="list-style-type: none">• Adjustable height and orientation of the seat and back rest offer very high flexibility |
| <ul style="list-style-type: none">• Should be Hand-operated Remote |
| <ul style="list-style-type: none">• U-cut seat for maximum accessibility |
| <ul style="list-style-type: none">• Leg support for comfortable patient positioning |
| <ul style="list-style-type: none">• Head section adjustment Should -5° to $+70^{\circ}$ |
| <ul style="list-style-type: none">• Foot-operated controls provide operational ease |
| <ul style="list-style-type: none">• Minimum Height Should 49 ± 5cm (19") |
| <ul style="list-style-type: none">• Easy-to-clean Gynec Tray |
| <ul style="list-style-type: none">• Detachable leg rest meets the requirements of both the professional and the patient |

Technical Specification of Hydraulic Operation Table
• It Should be Electric up & down by remote
• It Should 220 V Voltage
• Load Capacity Approx 150 Kg
• Maximum Height Should be 1000 mm
• Minimum Height Should be 750 mm
• Trendelenburg Should be 25 Degree
• Material Should be 304 Stainless steel
• Length of Table Should be 2000 mm

Technical Specifications Of Double Dome Operation Theatre LED

- Double dome shadow less LED Surgical Lights to illuminate the surgical site for optimal visualization of small, low-contrast object at varying depth in incision and body cavities.
- It should be of LED technology, operating light field with two units.
- LED Light should be mounted on the ceiling of the operation theatre with all the necessary and standard accessories.
- It shall have manual and automatic control panels to control all functions.
- Illuminance: Should have minimum of 160,000 lux or above for both domes.
- Colour Rendering index (Ra): at least 96 for both domes to ensure optimum visualization of tissues.
- Colour Temperature: from 3100 to 5000 K or better
- Field Diameter: Adjustable between 13 - 30 cm or better giving the user a much bigger field of illumination than specified
- Lightening depth shall be (L1+L2) cm: 75-130
- Light shall have sterilizable handles.
- OT Light shall have light ambient intensity of at least 300 Lux
- Light should have stable illumination throughout the life period of the light and the light dome should be compatible for laminar airflow.
- LED's Life of the OT Light shall be at least 50000 hours
- Temperature of OT Light at surgeon head shall be less than 1 Degree C.
- The OT Light shall have option to operate with remote
- The OT Light shall have reduced power consumption by nearly 70% while maintaining the optimum light intensity.
- The dome design shall give a controllable focus of homogenous light through a lens system that maintains the natural colors of tissues without straining the eyes of practitioners and other users.
- The uniform vision of the OT Light shall be maintained across the entire illuminated area.
- It shall have the option of shadow controls to under light
- Obstructions during surgical procedures to eliminate head and hands shadows.
- The LED surgical lights shall ensure a complete 360-degree rotation from the central axis and revolving axis.
- It shall have optional provision for touch screen control panel, motorized focus adjustment, gesture control illumination adjustment, automatic shadow management, wireless tablet, red

- toning color enhancement & sync feature to control both the domes
- Total power consumption of domes not more than 90 to 96W.
- All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning and lubrication materials, to be included in the offer. Bidders must specify the quantity of every item included
In their offer (including items not specified above).
- The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, climate, Temperature, Humidity etc.
- Power Supply 220-240 VAC, 50 Hz fitted with appropriate plug the power cable must be at least 3 meters in length.
- Must submit ISO 9001:2008 & ISO 13485:2003 certified factory,
- Shall be CE certified light
- Product shall be USFDA registered
- Shall be compliant with IEC 60601-2-41 for Surgical luminaire
- Should have 2 years of warranty from the date of complete installation
- During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/ breakdown maintenance whenever required.
- The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel: any
Prerequisites for installation to be communicated to the purchaser in advance, in detail.
- Onsite operational training to the users.
- The supplier must submit the original brochure or e-copy.
- All the spare parts and consumable for the OT light with price should be
- Submitted separately. The price should not vary during the warranty period of the machine
- One (Hard and soft) copy of Service & Operating manual in English for each set should be provided at the time of installation.

Technical Specification of Single Dome Light LED
• ILLUMINATION AT 1M(LUX) should be >80000
• COLOR TEMP(K) should be 3500-6500(variable)
• DEPTH OF ILLUMINATION(MM) should be 500-1000
• COLOR RENDERING INDEX(Ra) should be 95
• NO OF LEDS should be 19
• DIAMETER OF THE DOME(MM) 280
• OVERALL HEIGHT (WHEN SPRING ARM IS COMPLETELY STRETCHED UPWARDS) 83

Technical Specification of Anesthesia Workstation

<ul style="list-style-type: none"> The Anaesthesia workstation consisting of Anaesthesia machine with integrated Ventilator & patient monitor and Vaporizers should be from single manufacturer to ensure proper maintenance and back up services. 		
<ul style="list-style-type: none"> The Machine Workstation should be of perfect workmanship with ABS structure of rust-free material. 		
<ul style="list-style-type: none"> The machine should have dual tube twin cascading type 6 tube rotameter with backlit illumination & color-coded knobs for Oxygen, Nitrous Oxide and Air. 		
<ul style="list-style-type: none"> Minimum flow rate of gases (O₂, N₂O & Air) should be as follows: 		
o Oxygen	Low Flow Tube	0.05-1 L/min
o Oxygen	High Flow Tube	1-10 L/min
o N ₂ O	Low flow Tube	0.05-1 L/min
N ₂ O	High Flow Tube	1 -12 L/min
o Air	Low flow Tube	0.05-1 L/min
o Air	High Flow Tube	1-15 L/min
<ul style="list-style-type: none"> Should support Low-Flow Anaesthesia. Should have Auxiliary O₂ gas outlet for utilizing in other patients e.g. for administration of oxygen by face mask. Should have NIST Inlets for piped medical gases for O₂, N₂O and Air. In case of drop in piped gas pressure the pin index cylinders take over automatically. Should have Colour coded gas specific (pin indexed) yokes with sliding stainless steel clamping bars for easy handling. Holding 1 (one) for O₂ and 1 (One) for N₂O Semi-open, semi-closed- or closed-circuit system. Should have Air/N₂O interlock facility for safety feature. Oxygen Flush at table level to give 25-75L/min. Should have at least two spacious drawers & one writing table. Should have large roller bearing anti-static castors with front brakes & footrest. Tabletop for writing, keeping syringes, drugs, instruments etc. Should have provision for document holder. Should have Suction. Wide Monitor shelf at eye level with securing provision for extra monitor. Twin selectatec manifold for mounting at least two agent specific vaporizers with interlocking facility with work surface lighting. Facility to connect Bain Circuit with appropriate connector to anaesthesia machine at CGO. Should have port for Anaesthesia gas scavenging system. Should have single Bi-stable system ON / OFF switch for gases & power supply. Should have monitor mounting side arm with basket for placing accessories. 		
y Features / Mechanisms		
<ul style="list-style-type: none"> Machine flow meters should have Hypoxic Guard; ORC to prevent delivery of a gas mixture having O₂ below 25%, irrespective of any flow rate of N₂O. It shall be possible to deliver Air with only basal flow oxygen independent of the above-mentioned hypoxic control. N₂O lock / N₂O cut off system – It should be impossible to start N₂O in absence of O₂ at the yoke and the N₂O falls immediately to zero once the pressure of oxygen falls. 		

	<ul style="list-style-type: none"> • Self-activated electro-pneumatic audio visual OFWD to activate an alarm when supply pressure of oxygen falls to 150 kPa-250 kPa
oxygen Absorber	
	<ul style="list-style-type: none"> • Single canister circle absorber of approx. 1 kg with bypass switch for online changing of circle system with quick release mechanism.
	<ul style="list-style-type: none"> • Inbuilt bag vent switch, APL Valve, Moisture drains valve
	<ul style="list-style-type: none"> • Integrated airway manometer for measuring circuit pressure.
	<ul style="list-style-type: none"> • Bag-Vent Switch with automatic changeover from Bag-Ventilator with single switch control.
	<ul style="list-style-type: none"> • Should have built-in oxygen monitor sensor port.
Integrated Anaesthesia Ventilator	
	<ul style="list-style-type: none"> • The ventilator should be integrated in the machine & should be advanced, microprocessor controlled.
	<ul style="list-style-type: none"> • Should have at least 10.1" Touch screen with high luminance & wide display.
	<ul style="list-style-type: none"> • Should be suitable for Adult, Paediatric & Neonatal patients.
	<ul style="list-style-type: none"> • The ventilator should have ventilation modes for VCV, PCV, SIMV-V, SIMV-P, A/C-P, A/C-V, PSV/SPONT & Manual modes of ventilation.
	<ul style="list-style-type: none"> • The ventilator should have integrated Pressure, Volume & Oxygen monitoring.
	<ul style="list-style-type: none"> • Should have minimum 3 Waveforms: Flow-time, Volume-Time, Pressure-Time & 3 spirometry loops Flow- Volume, Volume-Pressure, Pressure-Flow
	<ul style="list-style-type: none"> • Should have the following specifications: Tidal Volume 20 to 1600 ml
Rate (BPM)	1 to 100 bpm
I : E Ratio	4:1 to 1:8
PEEP	OFF, 1.0-30 cmH ₂ O.
Compliance	<4ml/100Pa Inspiratory Pause 0 – 50% of Ti
	<ul style="list-style-type: none"> • Should have facility for audio visual alarms: <ul style="list-style-type: none"> ◦ Airway Pressure (High & Low), Continuous Positive Airway Pressure, FiO₂ (High & Low), MV (High & Low), Frequency (High & Low), Apnoea, O₂ failure, Battery Low, A/C Failure, Self-test failure alarm
	<ul style="list-style-type: none"> • Should have built in Battery Backup of minimum 120 minutes.
Vaporisers	
	<ul style="list-style-type: none"> • Should be Selecta Tec type with interlocking facility.
	<ul style="list-style-type: none"> • Agent specific Vaporisers for Isoflurane & Sevoflurane should be provided along with the machine.
	<ul style="list-style-type: none"> • Should have agent capacity of 250+/- 25ml.
	<ul style="list-style-type: none"> • Supplier should have service backup & calibration facility for vaporisers.
Anaesthesia Monitor	
	<ul style="list-style-type: none"> • Patient Monitor should have high resolution 15" integrated colour, LED Colour touch screen display. Should be able to display up to 12 wave forms.
	<ul style="list-style-type: none"> • Should be able to monitor following vital sign monitoring for Adult, Paediatric and neonatal

patients such as ECG, NIBP, Spo2, Respiration, Temperature, Etco2, Dual IBP & AGM monitoring.
<ul style="list-style-type: none"> • Should be able to monitor ECG: 3/5, Cascade ECG waveform with HR measurement, arrhythmia detection, ST segment analysis.
<ul style="list-style-type: none"> • Non-Invasive Blood Pressure (NIBP): Measurement and display of systolic, Diastolic, and mean pressure values on NIBP measurement through Oscillometric method for adult, child and neonate. Modes: Manual, STAT (Continuous 5 min. operation) and automatic selectable interval 2- 480 minutes.
<ul style="list-style-type: none"> • Respiration: Display of respiration waveform with respiration rate using impedance principle.
<ul style="list-style-type: none"> • Temperature: Should be able Monitor 2 temperature simultaneously. The unit selection should be possible.
<ul style="list-style-type: none"> • SpO2- Should have pulse rate from 20-300bpm and should be suitable for Adult, Paediatric & Neonate.
<ul style="list-style-type: none"> • Should be able to measure & display Perfusion Index.
<ul style="list-style-type: none"> • Should have Invasive Blood pressure (up to 2 channel) with pulse pressure variation.
<ul style="list-style-type: none"> • Anaesthesia gas Monitoring - Should be able to measure Co2, N2O and agent detection with MAC, using side stream technique.
<ul style="list-style-type: none"> • Etco2 - Should be able to measure Co2, using side stream technique.
<ul style="list-style-type: none"> • Should be upgradable Cardiac Output using Thermodilution technique.
<ul style="list-style-type: none"> • The Graphical and tabular trends of 168 hours should be available.
<ul style="list-style-type: none"> • The monitor should have battery backup of up to 4 hours.
<ul style="list-style-type: none"> • Should have facility to connect 1 USB.
<ul style="list-style-type: none"> • Should have automatic pacemaker detection facility.
<ul style="list-style-type: none"> • The Weight of monitor should not be more than 5 kgs.
<ul style="list-style-type: none"> • Should have three priorities of alarm of all the parameters.
<ul style="list-style-type: none"> • Should have option of recording up to 3 waveforms on paper roll.
<ul style="list-style-type: none"> • Should have facility of reviewing waveforms for 24 hrs.
<ul style="list-style-type: none"> • Should be able to export data through USB in excel format for future review of the same.
Anaesthesia Workstation should be accompanied with following accessories.
<ul style="list-style-type: none"> • Reusable Close Circuit with Ext. hose Adult Autoclavable: 1 No.
<ul style="list-style-type: none"> • Transparent re-usable silicon face mask-1 No
<ul style="list-style-type: none"> • Bain Circuit –1 No.
<ul style="list-style-type: none"> • Breathing bag 500 ml. – 1
<ul style="list-style-type: none"> • 5 Lead ECG cable - 1 No.
<ul style="list-style-type: none"> • Reusable Spo2 probes: 1 No.
<ul style="list-style-type: none"> • Nasopharyngeal/rectal/ skin Temperature probes- 1 no.
<ul style="list-style-type: none"> • Re usable adult cuff-1 No.
<ul style="list-style-type: none"> • AGM Sampling line – 1 No
<ul style="list-style-type: none"> • IBP Transducer with Cable -2 Nos
<ul style="list-style-type: none"> • Soda lime (indicator type: white to violet) 4.5 kg – Pack of
Specifications:
Supplier should be ISO9001 and ISO13485 certified. Should be CDSCO Certified
<ul style="list-style-type: none"> • The Anaesthesia workstation & vaporizers should be BIS approved as per IS11378 standards; Certificate

should be enclosed with valid offered model no. mentioned on the same.
•Patient Monitor Should be EU CE approved by 4 digit notified body number
•Electrical Safety conforms to standards for electrical safety IEC 60601-1:2005 + AMD1:2012, ISO 80601- 2-13:2011 / AMD2:2018, EN ISO 80601-2-55:2018 & IEC 60601-1-2:2014.

Technical Specification of Phototherapy Unit
<ul style="list-style-type: none"> • Microprocessor based servo controlled electronic controller
<ul style="list-style-type: none"> • It Should be Skin and manual control
<ul style="list-style-type: none"> • Two bright digital displays combination of RED and GREEN continues monitoring of baby temp and set temp, set temp easily switchable to 0C to 0F
<ul style="list-style-type: none"> • Baby tray with high standard mattress, four sides clear acrylic walls with front and both sides collapsible, baby tray tilting facility both head up & head down, clear acrylic base for under surface Phototherapy.
<ul style="list-style-type: none"> • German make ceramic heater with parabolic reflector to maintain uniform temp across the mattress with swiveling source box easy to take X-ray and procedures

Technical Specification of Vaccum Extractor
<ul style="list-style-type: none"> • Product Should be Attractive product range
<ul style="list-style-type: none"> • Adroit team of professionals
<ul style="list-style-type: none"> • Positive records Must
<ul style="list-style-type: none"> • Transparent dealings
<ul style="list-style-type: none"> • Prompt delivery
<ul style="list-style-type: none"> • Well-equipped warehouse
<ul style="list-style-type: none"> • Customized options
<ul style="list-style-type: none"> • Affordable price structure
<ul style="list-style-type: none"> • Pressure Should be 8-10 PSI

S. No.	Technical Specification of Syringe Infusion Pump Specifications
1	The syringe pump should be programmable, user friendly, safe to use with battery backup and comprehensive alarm system
2	Must Work on commonly available standard 2ml, 5ml, 10ml, 20ml, 30ml and 50/60ml syringes with an accuracy of +/-2% or better, with automatic syringe size recognition.
3	Should be CE or USFDA certified. Make and Model should be mentioned in Certificate. (Certificate should be submit along with bid) and CDSCO certificate and ISO certificate
4	Should have a min. 3.1 inch LCD Display & display parameters like target volume & time, Infused volume, infused time, inline pressure, syringe size and brand on screen as default
5	Should have a maximum flow rate of 3000 mL/Hr for both flow rate and bolus rate with 0.1ml/hr increment, have double decimal flow rate from 0.01 upto 99.99mL/Hr in 0.01 increment in all syringe sizes.
	2ml Syringe : 0.01 to 350ml/hr in 0.01 (upto 99.99ml/hr) & 0.1 & 1ml/hr increment
	5ml Syringe : 0.1 to 750ml/hr in 0.1ml/hr increment & 1ml/hr increment
	10ml Syringe : 0.1 to 1000ml/hr in 0.1ml/hr (0.1 - 999.9ml/hr) & 1ml/hr increment
	20ml Syringe : 0.1 to 1800ml/hr in 0.1ml/hr (0.1 - 999.9ml/hr) & 1ml/hr increment
	30ml Syringe : 0.1 to 2500ml/hr in 0.1ml/hr(0.1 - 999.9ml/hr) & 1ml/hr increment
6	Should have available High pressure mode for epidural drug delivery
7	Should have a possibility to change the infusion rate without stopping the infusion
8	Should have a facility to set more than 8/10 infusion parameters (Flow rates) at one time.
9	Should have a drug library of upto 2000 drugs storage capacity. Flow rate calculation based on patient weight (Kg), Drug Concentration (mg/ml, mcg/ml) and Drug Dosage (mg/kg/hr, mc/kg/min, mcg/kg/hr, mcg/kg/min)
10	Should have a set volume range of 0.0 - 9999.9 mL
11	Should have a set time of 199.59 hrs
12	Should have a KVO Flow rate range of 0.1 -9.9mL/Hr and disable as per user choice.
13	Should be able to save the last infusion data even When Power OFF & ON
14	Should have alarms like Target reached (time or volume),Occlusion, Occlusion pre alarm, Syringe not engaged, Syringe Disengaged, Syringe Load error, Near to Empty, End of syringe, Battery mode, battery low, Internal mechanism fault, KVO Mode, Bolus Mode, PCA Mode, PCA probe disconnected, Operation on mains / battery. And able to see Alarm indication from 360 degree, Priming alarm (Mandatory, Non Mandatory, Advised)
15	Should be able to operate in Manual and Auto bolus. Able to set bolus volume limit
16	Should have occlusion pressure range off 50 - 1200 mmHg with atleast 20 levels and ability to switch between units like kPa, mBar, PSI.
17	Should have post occlusion bolus reduction function (Anti-bolus) to avoid accidental bolus delivery after occlusion incident.
18	Provide a battery backup of 8hrs at 5ml/Hr on 50mL syringe or more and should be able to see the battery remaining time
19	Should be having 10 levels of alarm volume and screen brightness

20	Should have Standby mode from 1 min to 24 hrs user adjustable
21	Should be upgradable with RS232/HL7
22	Should have a event log of more than 5000 events
23	Should be able to have a keypad lock auto and manual
24	Should have a Mechanical Accuracy $\pm 1\%$; Including Syringe $\pm 2\%$
25	Should be upgradable with PCA (in Future requirement)
26	Should have automatic reduction of screen brightness to save power during night and should be able to set the interval manually also
27	Should have Manual and Auto PCA functions
28	Should have analog and digital pressure display to show the inline pressure
29	The unit shall be capable of being stored and operated continuously in ambient temperature of (-10 to 50) deg C and relative humidity of 15-90%
30	Should have a power supply of 220-240V AC and a power consumption lower than 9VA
31	Equipment should be IPX4 or more. (IPX related document should be submit along with bid)
32	Should have passed all safety tests like EN 60601-1; EN 60601-1-2; EN 60601-1-6; EN 60601-1-8; EN 60601-2-24 (all document should be submit with bid)
33	OEM should be ISO 13485 certified. (Certificate should be submit along with bid)
34	List of all spare parts, accessories and consumables items (covered or not covered under warranty and CMC) along with their part number and costing should be provided along with the price bid. The rates will be freeze for 10 years.
35	OEM should have service Centre in India, and also service support in the state.
36	Demonstration is must for Technical Evaluation of product, as and when asked Technical department requirement.

Technical Specification of Neonatal Billirubinometer (Non-Invasive)

<ul style="list-style-type: none"> • Accurate Test, Instant and safe test • Display Should be LCD • Comfortable for hold • Long Service Life • Battery Indicator • It Should Storage and Memory Function • Should be Easy to Operate and Maintenance • Mean Value Computation

Technical Specification of Bubble CPAP with Compressor

<ul style="list-style-type: none"> • Display Should be Three digit, 0.56 inch, 7 segment Led • Temperature Monitoring Should be 0-75°C • Max-temperature of Heated Plate Should be 85°C • Power Rate Should be 220W • Heated Wire Should be AC 23V 60W, 50-60Hz • Temperature Control Setting: <ul style="list-style-type: none"> ➤ Invasive Mode: ➤ Chamber Outlet:

➤ 35.5-37°C, Airway 35-40°C,
• Non-invasive Mode:
➤ Chamber Outlet:
➤ 31°C, Airway 28-34°C,
➤ Range 10-70°C, Accuracy: ±2°C (In 25-45°C temperature range)
• Compressor:
• Nominal voltage and frequency 220 VAC +/- 10% ; 50/60Hz
• Compressor efficiency Should be 55 L/min @ 3,5 Bar
• Filtration of air Should be 5 µm
• Dew point depression at 40 Lit.min-1, 20°C Should be 5°C under the ambient temperature
• Noise level Should be ≤50 dB [A]

MMGPA TENDER

TECHNICAL SPECIFICATIONS - TRANSPORT INCUBATOR

1. Should fit on a manual aided collapsible stretcher used in the ambulance. Preferably should come fitted on a manual aided collapsible stretcher or an manual aided collapsible stand specially designed for it.
2. Integral withdraw able baby tray
3. Should work on 220-240V AC and 12V DC
4. An integrated battery that should support for a minimum 3 hours
5. Alarms for Fail, Low Battery, Air Probe Failure, Infant probe fail, Fan Failure, Low External DC level, Over Temperature, High temperature, Low temperature, Low air flow, Mismatch alarm
6. Observation Light should be 35 foot candles 10cm (4 inches) above center mattress
7. Temperature Rise Time should be ≈ 30 minutes $\pm 20\%$
8. Temperature Variability should be ≥ 1.0 °C
9. Temperature Overshoot should be ≤ 1.0 °C
10. Operating Temperature should be -5°C to + 30°C
11. Operating Humidity Range should be 0% to 95% RH, non-condensing
12. Storage Temperature should be -10 to +60°C
13. Should display ambient temperature as well as the body temperature
14. 2 Patient access ports minimum
15. 6 ports for tubing
16. Iris port
17. Crevice free material covered baby bed with adjustable straps
18. Temperature display range of 20°C to 40°C and set range from 30 – 38 degree Celsius, variability should be ≤ 1 degree Celsius.
19. Oxygen inlet and oxygen cylinder provision should be there.
20. Empty Oxygen cylinders 2 in number 5 Lit water capacity minimum. Pin mechanism for connecting preferable
14. Suction should be available
15. Low noise, <60dBA.
16. Examination lamp
17. IV pole
18. COATING should be Epoxy / powder coated body for scratch protection and Rust prevention

DIMENSIONS should be as follows:

Infant Bed

Length x Width x Height : 670mm x 370 x 35 mm (26.4 x 14.6 x 1.4 inches)

Access

Length x Width x Height : 630mm x 330 x 25 mm (24.8 x 13 x 1 inches)

Infant Canopy

Length x Width x Height : 800mm x 430 x 330 mm (31.5 x 16.9 x 13 inches)

Overall dimension (without trolley)

Length x Width x Height (with IV Pole) : 1040mm x 610 x 700 mm (41 x 24 x 27.6 inches) Length x Width x Height (without IV Pole) : 1040mm x 610 x 490 mm (41 x 24 x 19.3 inches) **Collapsible Trolley**

Length x Width x Height : 2000mm x 560 x 830 mm (78.7 x 22.1 x 32.7 inches)

Technical Specification of Irradiance Meter

Number of Memory Sticks	- 1
Specific Product Use	- Professional Item Weight 231 g
Product Dimensions	- 6 x 5 x 30 cm; 231 g
Batteries	-4 AA batteries required. (included)
Item Height	- 30 Centimeters
Item Width	- 5 Centimeters
Included Components	-Meter, temp probe, case & strap, AA batteries Are batteries included? - Yes
Lithium battery weight	- 231 Grams

MMGPA TENDER

Technical Specification of Vain Finder

<ul style="list-style-type: none"> • The net weight of the device Should be 350 grams • The infrared wavelength Should be 850nm • Dimensions Should be 21.2 x 6.6 x 6.5cm • Also, the image size can be viewed in Small, Medium, and large. • Image resolution Should be 856*480 pixels. • Brightness to be adjusted to Low (L), Medium (M), and High (H). • Vein size that will be visible Should be > or equal to 1 mm. • Rechargeable battery with 3000 mAh havin2-hours battery life. • And image distance (optimal) Should be 15 to 25 cm
--

Technical Specification of Oxygen Hood

Made of acrylic
An oxygen port with a diverting mechanism to disperse oxygen within the hood rather than directing it on to the patient
An oxygen port with a diverting mechanism to disperse oxygen within the hood rather than directing it on to the patient
Detachable lid
Small size

Technical Specification of Mamograpgy Machine with installation Turnkey Project (High Frequency (40 Khz) Mammography Unit)

Generator	Rotating Anode
X-ray Generator	4.5 KW High Frequency
KV Output	20KV to 39 KV (1 KV steps)
mAs Output	1mAs to 650 mAs
X-ray Tube Focal Spot Target Material Target Angle Tube Angel Anode Rotation Anode Hea: Storage Capacity Inherent Filtrations	Rotating Anode X-ray Tube Small Focus =0.1mm Large Focus =0.3mm Molybdenum 12.5° 0 to 9 variable Anode turn 9700rpm 225 KJ (300KHU)

Technical Specification of Oxygen Hood

Made of acrylic
An oxygen port with a diverting mechanism to disperse oxygen within the hood rather than directing it on to the patient
An oxygen port with a diverting mechanism to disperse oxygen within the hood rather than directing it on to the patient
Detachable lid
Small size

	Be-0,05mm
Control Panel Technique selection Display Switches	Micro Processor controlled Feather Touch control Panel. Manual Two Point Technique (KV,mAs) KV/ mAs (LCD Screen Display) Focal spot selection Machine On / Off X-Ray "ON"
Stand Assembly U Arm Movement	Switches for up / down movement of "U" armed placed Conveniently on Both sides of "U" Arm
Vertical Movement Angular Movement Focus Film Distance Brest Compression A.S.T. Paddles	600mm - 1050mm (Motor Operated) $\pm 180^\circ$ X- ray Tube SID 650mm (65Cms) Motorized controlled compression system compression paddles for normal & Magnifications Mode (Spot Compression). Compression Scale : 0 to 10 cm
Cone	Cone For Localization & Radiation Protection
Magnification Device Bucky	1.5 times (Optional Feature)
cassette Size	180 X 240 mm Motor Operated Bucky Grid (Optional Feature) 180 X 240 mm (Choose Optional Sizes)
Collimator	Light Beam Collimator With Auto Shut Off (Optional Feature)
A.E.C.	Automatic Exposure Control (Optional Feature) Exposure Switch Hand Switch With Retractable Cord
Power Supply	Single Phase, 5KVA 230 Volts $\pm 10\%$, (110V) AC 50Hz /60Hz 15 Amps with Independent earthing Biopsy Attachment Optional

Technical Specification of Defibrillator Biphasic Machine

General features

- Should be compact light weight less than 7kgs. and portable.
- Should have functions & controls which are user-friendly.
- Should be able to function in temperatures between 0-45°C and relative humidity 10-95%.

Display functions & Operational requirements

- Should have a screen of at least 7" TFT display with the facility of displaying upto 4 waveforms & Resolution of 800x480 pixels.
- Display should be clear from a distance for ECG trace, heart rate & energy selected/charge available for defibrillation/cardioversion.
- Should have Operating Modes: Manual Mode, AED Mode, Synchronous Defibrillation.
- Should be able to deliver shocks from 1-360 J in 25 steps.

- Should measure Respiration by Thoracic Impedance Method having range for Adult: 0– 120rpm; & Pediatric: 0–150bpm. Accuracy should be ± 2 rpm or $\pm 2\%$ (whichever is greater).
- Should have charging time less than 6 seconds.
- Should have adjustable heart rate alarm limits.
- Should have Bi-phasic, Truncated exponential waveform with impedance compensation.
- Should work on both AC 100-240V 50 Hz supply.
- Should be able to deliver at least 210 Shocks of 360J in defib mode (full charge) and have built-in battery backup for upto 6hrs. (Monitoring Mode) & approx. 4.5 hours (Pacing Mode).
- Both adult and paediatric hard paddles (reusable paddles) should be provided.
- ECG trace displayed should have following minimum – paddle mode/leads I/II/III (as selected by the user)
- Should have facility to automatically / manually print – critical events /code summary /previous ECG records with an integrated recorder and at printing speed of 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s.
- Should have Patient Impedance Range: 20Ω – 300Ω (External defibrillation).
- Should be provided with Non-invasive Pacing with demand or fixed modes.
- Should have facility for upto 160 Hrs graphical and tabular trend of ECG.
- Should have data storage facility for upto 200groups Alarm Events & 1000 Patient Events.
- Should have upgradeable facility for Spo2, NIBP Monitoring and EtcO2 Monitoring in future.
- Should have USB & RJ45 interface for data communication.
- Should have upgradeable facility Internal Defibrillation in future.

Accessories:

- Should be supplied with the following accessories:
 - (a) External defibrillator paddle – adult and pediatric.
 - (b) 3 or 5 lead ECG cable
 - (c) AED/Pacer Pads - 1 No

Quality Standards

- Should have ISO & CE certification for quality standards.
- Should have Ingress Protection IP44 for water splashing.
- Should have CDSCO License/application. Certificate to be enclosed.

Technical Specification of LED Partion for X-Ray Room

- It Should be Metal With Lead Body
- Thickness Should be 1.5-2 mm
- Lead Equivalence (in mm) should be 1.5

Technical Specification of LED Apron for X-Ray Room

- Back Lead Equivalence Should be 0.35 mm
- Front Lead Equivalence Should be 0.50 mm
- It should Complete Frontal Protection
- Pocket Included

Technical Specification of Dosimeter for X-Ray Room

- Lithium battery energy content Should be 750 Milliamp Hours (mAh)
- Number of Memory Sticks Should be 1 (One)
- Number of lithium ion cells Should 1 (One)

Technical Specification of Blood Infusion Warmer

Warming up time	≤2min
Overheat Protection	46?
Alarm	Over heat, low temperature, system error, door open, warming up alarm
Display	LED
Power Supply	Input: 100-240V(AC power), 50Hz/60Hz, 0.3-0.7A Output: 12V(DC Power) 2.5A
Power Consumption	85VA
Operation Environment	Temperature: +5?-+30? Relative humidity: 20%-80% Atmospheric pressure: 70.0Kpa-106.0Kpa
Transportation and Storage Environment	Temperature: -20?-+550? Relative humidity: 10%-93% Atmospheric pressure: 50.0Kpa-106.0Kpa
Degree of protection against ingress of liquids	Class II, IPX1
Dimension	Size: 180mm*70mm*35mm
Weight	Without Knob: 0.2KG With Knob: 0.4KG

Technical Specification of Hysteroscope Full HD

- It Should be Full HD premium quality compact construction of optics optimizes
- length Should be 301 mm,
- It Should be Autoclavable,
- with fiber optic light transmission Incorporated Continuous flow Operative hysteroscopy sheath (Inner Sheath & Outer Sheath) with a Separate instrument channel for instruments of 5 Fr.
- It Should have Auto lock system,

Technical Specification of Dielectric Tube Sealer

- Indication Should LED
- Battery Backup Should be 700 - 1000 Seals
- Sealing Capacity Should be 700 – 1000 Seals
- RF Output Should be 40.68 MHz
- Should be Alarm After Every Seal
- Input Supply Should be 220-240 Volts, 50 Hz, SINGLE PHASE

Technical Specification of Blood Collection Monitor

- Precise control on volume collection (Microprocessor based system), best in class accuracy (deviation < 1%)
- Automatic tarring of blood bags
- Automatic change over on battery mode in case of power failure (Battery backup 10 hrs)
- Pause facility to temporarily suspend the donation process
- Gentle & smooth motorized clamping of blood bag tube prevents damage to the live blood cells
- Broad base tray with non-slip surface accommodates all type of blood bags
- Automatic release of the bag when lifted, after donation
- Removable magnetic cradle: Single grip tray removal
- Recall of last blood collection parameter
- Audio / Visual Alarm
 - Flow rate (< 20 ml/min or > 180 ml/min),
 - Completion of collection
 - Battery depletion
- Visual indication & displays
 - Set volume (ml)
 - Actual volume (ml)
 - Collection process status (Run / Stop / Pause)
 - Actual weight (gm)
 - Flow rate (ml/min)
 - Time of collection (min)
 - Battery status
- Taring range in gram should be Up to 999

- Electrical should be 220-240 volts, 50 Hz, SINGLE PHASE

MMGPA TENDER

Technical Specification of Blood Donor Couch

- Control Should be Corded Remote
- Power Consumption Should be 100 W
- Movement Actuation Should be DC Motor
- Length of Arm Rest Should be 60 cm
- Width of Arm Rest Should be 15 cm
- Upholstery Should be Soft Upholstery 4.0 thick
- Lifting Capacity Should be 150 Kg
- Should have Facility for blood collection from both sides
- Should be 4 Heavy Duty Lockable castors for easy mobility
- Should Tilt adjustment can be done by using remote control
- Must be Variable positioning for either arm with comfortably wide arm-rests
- Comfortable chair type with soft padding for cushioning and rexin cover

Technical Specification of Vertical Autoclave

- Working Pressure Should be 15-30 psi
- Working Temp Must be 121°C to 134°C
- Controller Should be Auto set to 15 psi & 121°C
- Pressure display Should be Analogue dial gauge
- Programmable Should be Programmable automatic start timer
- Hydraulic tested Should be Hydraulically Tested up to 30 psi (ASME Guideline)
- Lid lock Should be Radial easy lock system for operating and closing / Single lever easy lock system for operating and closing
- Sterilization Cycle Program Should be Program for heating sterilization, exhaust, warming and completion.
- Power supply Should be 220 Volts 50 Hz

Technical Specification of Blood Bag Centrifuge (Refrigerated)

- **Capacity:** 700 liters.
- **Temperature Range:** +2 °C to +8 °C (settable).
- **Accuracy & Uniformity:** ±0.5 °C accuracy; ±1 °C uniformity across chamber.
- **Construction:**
 - Internal chamber: Stainless steel 304, corrosion resistant.
 - External body: Powder-coated steel for durability.
 - Insulation: High-density polyurethane (PUF), CFC-free.
- **Cooling System:** Forced air circulation with efficient fan motor for uniform cooling.
- **Controller:** Microprocessor-based digital temperature control with LED/LCD display.
- **Power Backup:** Battery backup for temperature display and alarms during power failure (minimum 4 hours).
- **Monitoring:** IoT/GSM/WiFi enabled continuous monitoring, data logging, and real-time alerts.
- **Compliance:** 21 CFR Part 11 compliant software with audit trails and e-signatures.
- **Qualification:** IQ/OQ with temperature mapping (minimum 9 probes), alarm validation, and door opening recovery test.

Technical Specification of Plasma Expressor

- | |
|---|
| <ul style="list-style-type: none">• White powder coated mild steel cabinet withstand corrosion, wear & tear on continues usage. |
| <ul style="list-style-type: none">• Compression plate designed to exert uniform pressure on the blood bag |
| <ul style="list-style-type: none">• Attractive front panel bezel |

Technical Specification of Laminar Air Flow
--

- | |
|--|
| <ul style="list-style-type: none">• Air cleanliness Should Class 100 |
| <ul style="list-style-type: none">• Construction should SS / Powder coated MS / GI sheet/ wooden |
| <ul style="list-style-type: none">• Air flow direction should Vertical / Horizontal |
| <ul style="list-style-type: none">• Side panels should Acrylic / polycarbonate / SS |
| <ul style="list-style-type: none">• Air velocity should 0.45 m/s to 0.65 m/s |
| <ul style="list-style-type: none">• Illumination Fluorescent or LED light |
| <ul style="list-style-type: none">• Noise level should be 65 ±5 db |
| <ul style="list-style-type: none">• Power supply 220 volts / 50 Hz |
| <ul style="list-style-type: none">• Air filtration |
| <ul style="list-style-type: none">• Pre-Filter - 10 microns (washable) |
| <ul style="list-style-type: none">• HEPA filter (0.3 Microns) |
| <ul style="list-style-type: none">• Standard fittings: Air / gas cock, Mains on/off switch, Light on/off switch UV Light on/off switch, Blower on/off switch |

	<ul style="list-style-type: none"> •Twenty customizable cycles within defined parameters for specific operational needs. <p>Safety and Convenience:</p> <ul style="list-style-type: none"> •Automatic door sliding with lock mechanism. •Automatic temperature regulation and electronic water level adjustment. •Printer for documenting cycle parameters; USB port for data storage and cycle restoration. Included Accessories: •Universal racks and 4-level racks for instrument trays. •Door: Vertical Sliding
4	<p>• 50 Liters Capacity Ultrasonic Cleaning Machine Ultrasonic Cleaner Type: 50 L 500 H Ultrasonic Power: 500 Watts</p> <ul style="list-style-type: none"> • Tank Capacity: 50 Liters • Tank Size : 550 x 500 x 200 mm • Tank Frequency : 45 + 3 KHZ • Electric Supply : 230 AV. 50 Hz with good ear thing • Heater : Will be provided with to raise the liquid temp. Up to 0-70o. Transducer: PZT sandwiched type bonded on the base of the tank Accessories: SS lid and wire Mesh Basket to handle your cleaning materials Drain: Will be provide with strainer • Power Supply : 230 V AC, 3 phase with neutral & ear thing • Tank M O C : SS 304, 16 Gauge with argon welding & buffed & polished with round corners • Construction : Transduzerised tank and ultrasonic generator housing in one cabinet SS -304, 16gauge, control panel & inbuilt cooling fan. • Unit suitable for Instrument Cleaning comprising the following: • Control System : User friendly & will be ergonomically designed with automatic operation of the system. Automatic, Thermostatic temperature controller • Solid state ultrasonic generator with electro mechanical transducer of frequency up to 45 KHZ • Adjustable timer for setting cycle duration, complete with control switches, indicators, overload protection. • Certification : GMP, MSME, CE, ISO 9001:2015, ISO 13485:2016, IEC 60601-1-2:2014, IEC 61010-2-040:2020, IEC 61010-1:2010, EN 1789:2020, ISO 10993-1:2018, ISO 14001:2015, ISO 45001:2018.
5	Instrument cum Catheter Dryer (Hot air oven)

	<p>Inner Size for Instrument : 15” (L)X22” (W)X51” (H) Inner Size for Catheter: 15” (L)X22” (W)X51” (H)</p> <p>(H) Dual Door -Double Chamber Dryer</p> <ul style="list-style-type: none"> • One side is for instrument and other side for catheter, ventilator tube drying • Both sides are having separate control • 2no. PLC control with HMI. • Temp. Range for Instrument- 30°C to 250°C & for Catheter 5°C to 60°C • Inbuilt Internal Air circulation & ventilation. • Both doors having toughened glass at the center. • Internal chamber will be SS 304, Clear bottom and rounded corners for easy cleaning. • SS wire mesh OR Perforated tray for instrument drying, both side of dryer provision for instrument and catheter simultaneously. – 8nos. <p>The air should be heated by an electric heating element controlled and regulated by a precision thermostat. The cabinet should be provided with a built-in electric precipitator for cleaning of incoming air.</p> <ul style="list-style-type: none"> • For Catheter drying 2 types of differ trays for various types of tubes. • The current chamber temperature displayed on the display panel. • HMI touch display with independent selection and display each chamber. • S. S 304L. chamber with 304 S.S. outer cabinet. The cabinet is equipped with alarms for ‘Cycle Complete’ <p>Certification: GMP, MSME, CE, ISO 9001:2015, ISO 13485:2016, IEC 60601-1-2:2014, IEC 61010-2-040:2020, IEC 61010-1:2010, EN 1789:2020, ISO 10993-1:2018, ISO 14001:2015, ISO 45001:2018.</p>
C	Packing area
6	<p>Work Table – Receiving Area with under self MOC- SS304 Size: 3’ X 5’ Comprising the following:</p>
	<p>Frame in 18mm die, 16-gauge hollow SS pipe with rigid configuration, argon arc welded, and ground smooth and polished. Machine pressed top in 18 gauge 304 grade SS bent twice at edges to form 25mm thick edges with 12mm projection inside, fully reinforced against bending and treated for sound deadening.</p> <p>Rubberized, adjustable SS feet.</p>
7	<p>SS 304 Control Packing Table & Two Side Drawers with Two Shelf Rack On Top Size: 3’ X 5’ Comprising the following:</p>
	<p>Frame in 18mm die, 16-gauge hollow SS pipe with rigid configuration, argon arc welded, and ground smooth and polished. Machine pressed top in 18-gauge 304 grade SS bent twice at edges to form 25mm thick edges with 12mm projection inside, fully reinforced against bending and treated for sound deadening.</p> <p>One no. SS under shelf with round edges also in 18-gauge SS with 25mm thick edges as above.</p> <p>Rubberized, adjustable SS feet.</p>
8	<p>Linen Folding Table Size: 4’ x 7’ feet</p>
	<p>The top has a built-in opalescent (milky) plastic surface plate, 4’ x 7’, illuminated from underneath by two 25 W fluorescent tubes located beneath the top in a laminated recess.</p> <p>The table has two electrical outlets (one on each side). The rigid frame should be made of stainless steel (304). There should be unobstructed access to the working space, since the only supports needed along the front of the table are the corner legs. This also facilitates cleaning of floors.</p>

9	SS 304 Linen Wire Shelf Storage rack: Size (LxWxH): 1200x455x1895 mm
	<ol style="list-style-type: none"> 1. Construction should be based on single free-standing shelf modules for storage of clean linen, instruments, and packing material or sterilized goods, including disposables. 2. The compact modules should have shelf lengths of 1200mm 3. The wire construction should allow good air circulation while permitting easy inspection of the goods. 4. The wire shelves should be made of special heavy-duty steel (304), 5. Shelves should be mounted by means of plastic clamps onto circular rigid posts, with the adjustable height within a range of about 50 mm. 6. Each module should include 5 shelves, mounted at heights of about 450, 800, 1150, above floor level. 7. Wire mesh size dia should be 4mm and 8mm
D	Non-Sterile Area
10	SS 304 Equipment Placement Table Size: 2.5 X 2.5
	SS 304,16G with Heavy Duty support for TOP. Material: SS304 16g Matt PVC Sheet. Legs 40x40mm Sq. pipe. Weight bearing capacity 400kg.
11	SS 304 Closed Transport Trolley – Red Strips for Non-Sterile goods.
	<ul style="list-style-type: none"> • Size: 900 x 600 x 1200mm (H) • Size: 3' (Length) X 2' (Width) X 4' (Height) • With removable and adjustable shelf 2 no's • Fully S.S. with Robust Handles & Side Railing with 6" die Castors, with 2 compartments and color strips at 4 side, for unsterile material red strips and for sterile material green strips. • 16g. pre-polished sheet on both side. • 6" P.U wheel with brakes. • Door locking system with air tight locking system. • Trolley structure will be mounted on heavy duty pipe structure. • Loading bearing capacity will be 200kg. • On both side pushing handle for easy movement of trolley.
12	Horizontal Rectangular Steam Sterilizer Double Door without bellow plate.

- * The jacket too is provided with a mechanical-safety valve.
- * A pressure gauge on the operating side indicates the pressure to the operator at all times.
- * Vacuum Breaker to prevent possible buckling of jacket due to accidental vacuum created due to abnormal condensation of steam.
- * Stand: The stand should be of powder Coated MS.
- * Standard: Design Standard EN 285, HTM 2010
- * Guidelines and Norms: The autoclave has been built in accordance to ASME guidelines and Follows IS:3829 (Part I) 1999.
- * The autoclave should be manufactured as per require certificate: EN 285:2016, ISO-13485:2016, ISO-17937:2009, ISO-45001:2018, CE, ISO 14001:2015, GMP, IEC EN 60601-1-6, EN61010-2-040, EN61010-1, EN61326-1, EN ISO 17665-1, EN 13060:2014, EN ISO:13445, ISO:14971:2019, OHSAS-18001:2007, ISO-9001-2015, FDA, CDSCO, BIS,
- * Steam Generator:
 - * Inbuilt electrically operated steam generator of adequate Capacity with sensors for automatic and safe operation.
 - * Fabricated from SS 304 sheets.
 - * Heavy duty SS, industrial immersion-heaters are used as per required capacity.
 - * Automatic pressure cut-off using pressure switches
 - * Float-switches provide automatic heater-safety and water refilling.
- * Gauge glass is provided for visual confirmation of water level.

- * Mechanical safety-valve and built-in safety measures in the automation ensure user and operator safety of the highest levels.
- * All other necessary inlet, outlet and drain connections with valves are provided.
- * Should have inbuilt auto water feeding system including Pump, automatic water level control including low and High-water level cut-off (both).

Door:

- * Pneumatically operated automatic Vertical Sliding double Door with chamber inter locking and temperature sensitive Locking facility.
- * The equipment will have Single Doors
- * The doors will be reinforced with suitable steel support structure.
- * The opening and closing of the doors must be Type: Vertical Sliding Automatic Neumatic Operated fully automatic.
- * The door sealing is affected with the help of a silicone door gasket.
- * The door is moved Vertical Automatic Open and Closed Vertical Sliding. (No hand will be used for Door)
- * Compound gauges, for gasket pressure, with door status indications are provided on loading sides.
- * **Working pressure:** up to 2.0 kg/sq.cm or more
- * **Working Temperature:** upto 135°C or more
- * Provide the 5-6 Cycle Option: Cycle define and select Temperature before operation.
- * **Vacuum pump:** Appropriate for the capacity of sterilizer, maintenance Free and low noise levels. A water ring vacuum pump is provided along with the system. This Vacuum Pump is used for creating vacuum in the chamber for mechanical air-removal prior (Pre) to sterilization and subsequently for post sterilization vacuum-drying.
- * **Display:** Touch Screen HMI for approx. 5-inch Display. The digital display at sterile and non-sterile panel Should indicate the following parameters: Chamber Pressure & Temperature, Phase Cycle no. & Batch no. Time & Date, Alarm indicator, Error code Low water indicator,
- * **Voltage :** for 440VAC, 50Hz, 3 phase operation
- * Fully Automatic Operation: PLC Base, Touch Screen HMI (MMI) And Attached Thermal Printer. Fully automatic with pre-selected and variable programs including both doors Fully Automatic. If any software provided pls mention and provided without any additional cost.
- * **RECORDS:** Computer connectivity port to be the part of equipment for remote viewing and controlling of sterilization cycle and data management of previous cycles and for services. The Control System will be provided with an inbuilt printer, this ensures on-line printing of data for various process parameters like Temperature and pressure in chamber, throughout the process. Set-parameters like temp, time, pre-sterilization pulses, drying time, Sterile time, PHASE, etc. are printed at the beginning of each cycle. Batch No., product – name, code no., operators name, etc. are all printed when program starts. Ethernet Port provided for PC connection. Necessary hardware (branded compatible PC-), interface boards, cables & connectors, software along with licenses to be included

AUTOMATION & Hardware: Should have inbuilt PLC and facility of HMI (Human Machine Interface) / MMI with login facility having 6–8-digit password protected rights, process online printing and backup facility through PC. Software should be part of the automation comprising of: batch data storage for future reference, process and parameters monitoring, alarm history, batch report trend printout, real time trends, alarm diagnose assistance, fault analysis assistance and display for maintenance etc. The control system consists of a PLC (Programmable Logic Controller) and a user friendly, Touch-Screen HMI/ MMI (Human -Machine Interface) that allows the user to operate and monitor the machine with maximum ease.

The above Hardware devices and software used, sequentially operate these devices to:

- 1). Receive input signals and readings from the various measuring/monitoring devices like the sensors, switches and safety-devices.
- 2). Decipher and process the above inputs and values, and compare them to the cycle set-points.

- 3). And based on the above information give output commands to the various controlling devices like valves, cylinders etc. as the cycle progresses.
- 4). The automation also continuously logs data in digital and print formats.
- 5). All interrupts and failures must be indicated through audio visual alarms.

* **Transfer trolleys:** Transfer trolleys made of stainless steel with wheels should be included to transfer loading carriage from autoclave. Chamber rails should be provided in the chamber and should be of design to have minimum contact with wheels.

* **SAFETY:** In case of power failure the sterilizer is put into a failsafe position, by means of locking all utilities to avoid any damage to the equipment and product. One safety valve for the Chamber (set point 3,0 bar). The two-door model is designed to permit only one door to open at all times. This is only possible when it is safe to operate the doors and the chamber is not under positive or negative pressure. It can then be closed only after the operator acknowledges safe condition. Emergency stop buttons on sterile and operating side. If pressed then all the outputs to the valves and motors are RESET, and all activates cease. After releasing the emergency stop button, the alarm has to be ACKNOWLEDGED with a separate button on the operator panel. Only then the cycle will restart exactly at that point of the program where the process was interrupted.

Password protection for modification of the software and editing of the sterilization program parameters.

* **STEAM ACCESSORIES:** The jacket and chamber are provided with an over pressure safety valve with non-return valve. Thermodynamic steam trap with special air vent arrangement required for condensate removal. The jacket is provided with a steam trap in case steam is provided from a separate Boiler.

* **STEAM CONDENSER:** The shell and tube type condenser fabricated from SS 304 is fitted in the exhaust/vacuum line to condense the steam before entering inside the vacuum pump. Operating Pressure:1.5 kg/cm².

* **PIPING PACKAGE:** All process piping in contact with the chamber is fabricated from SS 316L with argon welding. Piping in contact with the jacket is fabricated from SS 304L with argon welding. All connections and fittings used are sanitary tri-clamp with silicone seals, The piping is designed to ensure that the customer can provide utility connections at one single point. The piping is designed to ensure that the customer can provide utility connections at one single point. All drain lines and exhausts are connected to a drain manifold. The pipelines also have a 2% slope for full draining to prevent contamination.

* **VALVE PACKAGE:** The process valves in contact with the chamber have SS 316L contact parts with Teflon seat and tri-clamp connections. All non-contact valves have SS 304 contact parts with Teflon seat. All automatic valves are pneumatically actuated angle valves. The valves are actuated by instrument-air controlled via solenoid valves.

* **VALIDATION PORTS:** The chamber is provided with validation ports with tri-clamp connections. The validation ports are provided with special leak tight ferrules for insertion of flexible temperature sensors for validation of the system.

* **ACCESSORIES:** a) ss Carriages – 1 no. b) MS Transfer Trolley – 1 no.

13

CFT ETO Sterilizer with PLC based automation - CHAMBER SIZE:

54" x 16" x 16" (l x b x h) -8 CFT

Our machines confirm to EN-550 standards.

The machine runs on 100% ETO cartridges, which is completely safe operationally and also saves the hassle of storing a Hazardous gas in large quantities which no hospital is equipped for.

1. **Inner Seal (Chamber):** SS 304 L
2. **CHAMBER SIZE:** 16" (H) X 16" (W) X 54" (D)
3. **OUTER SIZES:** 60" (H) X 26" (W) X 64" (D)
4. **CFT:** 8 CFT Cartridges 170 gm
5. **CAP. IN LITER:** 225 LITER
6. **Printer:** 2" Thermal Printer
7. **Chamber Operating Pressure:** Negative pressure cycle
8. **Chamber Testing pressure:** 1.5 Kg/cm²
9. **Door:** SS 304L
10. **Loading Carriage:** ETO sterilizer r wire mess Double shelves loading carriage
11. **Loading Trolley:** 1 Nos trolley for loading carriage to Chamber
12. **Gasket Silicon Gasket** (10/12 mm special section)
13. **Outer covers:** Factory Finished (Poly-coated) SS / Powder-coated MS
14. **Heating Heaters** on all sides of the Chamber for uniform heating throughout the load.
15. **Temperature Sensor:** For accurate measuring and controlling of Temp. in the chamber
16. **Operating Temperature:** Maximum: 65°C (chamber) Minimum: 37°C (chamber)
17. **CYCLE COLD CYCLE, WARM CYCLE, USER DEFIND CYCLE**
18. **RH% Sensor:** For measuring and controlling the humidity of the chamber
19. **Pressure Transmitter:** For measuring and controlling the pressure-vacuum that the load is subjected to during removal and charging of Gas.
20. **All fittings on the machine:** SS 304
21. **Safety Valves:** SS 304
22. **All Valves for Automation:** SS 304, Teflon construction valves, operated by Comp. Air supply through Solenoid valves.
23. **Humidification:** Special Humidifier for the purpose of humidification of the load and heating of the gas.
24. **Vacuum:** Special Noise-less Vacuum device provided for vacuum and aeration of the load.
25. **Automation Hardware:** PLC, Make: GE Fanuc / Delta (TOUCH SCREEN)
26. **HMI, Make:** GE Fanuc / Delta
27. **Testing Pressure / Vacuum testing** as per specified standards. (1.5 times the working pressure)
28. **Operation:** All functions are electro-pneumatically operated. Door closing is manual
29. **Door Lock:** Electromagnetic Lock for Door without command from him door not open
30. **DOOR SAFETY:** In Runing Cycle Door Not Open
31. **Cartridges Break:** Automatic Cartridge Break
32. **Alarm:** Low Temp, High Temperature, water tank water level low, air pressure absent, door not close, humidifier water level low, Humidifier pressure low, long vacuum, cartridges not break, cycle abort
33. **CERTIFICATE:** Certification ISO 9001:2015, ISO 13485:2016, ISO 11135, CE,
34. **DOCUMENTS:** IQ (installation qualification) OQ (operation Qualification and PQ (performance qualification)
35. **CARTRIDGES:** CE MARK PRINTED CARTRIDGS

Description of the Automation:

The machine is provided with PLC based automation along with an LCD / touch-screen display which allows the operator to:

	<p>(a) Change and set the parameters (b) Run the cycle according to pre-selected cycles.</p>
	<p>(c) Monitor various phases / individual parameters during the Process. (d) View on/off status of the various components of the machine while the cycle is in progress. Software for controlling, monitoring and recording of various parameters is provided. This makes it possible to operate and monitor the machine by connecting it with any computer where the software is loaded, apart from running it from the machine itself. The above devices control and regulate all the functions of the machine. It makes the system user friendly and allows the operator to change the process parameters as and when necessary. The advantage of the above is that the system can carry out multiple programs. It includes features like</p> <ol style="list-style-type: none"> i. Password protection for unauthorized access. ii. Analog input of process pressure/vacuum. iii. Digital/Analog input for temperature. Temperature is indicated in the sterilization area, by the use of a temperature sensor. iv. One relative humidity and One pressure/vacuum sensor for display of the humidification efficacy and current pressure/vacuum, that the load is subjected to, at all times during the process, is displayed in graph format when the process is going on and is also available in report form for printing at the end of the cycle. v. Humidity sensor Fixed inside the chamber and hence a comprehensive mapping of all areas of the chamber is possible.
14	<p>Automatic Heat-Sealing Machine Horizontal continues Sealing Machine</p>
	<p>Size: 850X420X360 mm Vertical/Horizontal mountable models. Optional embossing facility on sealing on select models. Digital temperature control and display Conveyor Speed: 0~12 m/min V: Models mountable vertically as well as horizontally. D: Models for all types of materials including virgin materials and hospital grade materials. SS: SS construction (body)</p>
15	<p>Sterilizing Box, Perforated, with lid & lock Material: SS 304, 1.0 mm thick perforated sheet, nitrogen laser cutting and joint less box. 12 X 6 X 3.5 16 X 11X 3.5 24 X 12 X 4</p>
16	<p>SS 304 CSSD tray (Perforated Tray) For Instrument sterilization. SS304 1mm thick perforated sheet. 12 X 6 X 3.5 16 X 11X 4 24 X 12 X 4</p>

E17	<p>RO Plant 1000LPH with 2000Litrs Storage tank.</p> <ul style="list-style-type: none"> • Reverse Osmosis Plant 1000 Liters per hour capacity • Should have Mild Steel Galvanized Powder Coated skid mounts for pretreatments and PPFRP RO vessels and filters. Should have booster Pumps. • Should have direct bypass valve and auto flush systems. Should have thin film composite membrane of equivalent. Should have dry run protection of pump. • Should have auto flush timer. • Should have automatic tank level control. • Should have over voltage and over current protection. Should have high efficiency reverse osmosis membrane. • Should have 2000L purified water reservoir with bacterial vent filter to ensure microbiological integrity. Should have re-circulation pump provides instantaneous delivery flow. • Should have comprehensive micro-processor monitoring and control system. Consumable filters & other accessories of 2 each extra to be provided with first supply.
-----	--

F	Semi Sterile Area
---	--------------------------

8	<p>Class-B, Table-top, Flash Autoclave A. Class-B, Flash Autoclave. Table-top model. Specifications: Chamber Size: 250 mm Ø x 450 mm (length) OR (10” x 18”) (23 Liters) MOC: SS 316L Door: SS 316L Hinge: SS 316L Locking parts: SS Outer Cover: Powder-coated Aluminum Trays: 1/2/3 trays provided. Operating Pressure: 2.1kg/cm² Operating Temperature: 121 / 134°C selection available to user Model: Table-top Operation: Auto Heating: 2.5 Kw Voltage/Frequency: 220V/50Hz Other accessories: Pressure switches, Safety-switches, solenoid valves, Pressure sensor and temperature sensors, thermal printer for accurate control and monitoring. Automation Hardware: PLC controlled automation with display Touch-PAD. Air Removal: Is achieved through a built-in vacuum pump and hence provides most efficient steam-penetration. Drying: Fractionated post-vacuum shortens the drying time and provides optimal drying of material. External water: Not required. The Autoclave consumes water from an integrated reservoir, filled with de-mineralized water. Cycles available: Two test cycles (Vacuum leak-test and Bowie- Dick test) Additional 6(six)sterilization cycles include wrapped and unwrapped cycles. Control and Printing: Fully Automatic PLC control system provides on-line documentation through in-built printer.</p>
---	--

19	<p>SS 304 Pass Box mechanical interlock and UV light Overall Size: 600mm X 600mm X 600mm</p> <p>Material of Construction: The Pass Box will be fabricated from S.S. 304 sheets. All welding will be full argon welding for superior hygiene.</p> <p>Accessories and Fittings: UV Lights. As an additional safety to the operator the UV Light will be automatically switched off when any one door is opened. Door interlocking to prevent simultaneous Opening of both doors. Toughened glass paneling for easy visibility.</p>
G	Sterile Area
20	<p>SS 304 Closed Transport Trolley – Green Strips for Sterile goods.</p> <ul style="list-style-type: none"> • Size: 900 x 600 x 1200mm (H) • Size: 3’ (Length) X 2’ (Width) X 4’ (Height) • With removable and adjustable shelf 2 no’s • Fully S.S. with Robust Handles & Side Railing with 6” Dia Castors, with 2 compartments and color strips at 4 side, for unsterile material red strips and for sterile material green strips. • 16g. pre-polished sheet on both sides. • 6” P.U wheel with brakes. • Door locking system with air tight locking system. • Trolley structure will be mounted on heavy duty pipe structure. • Loading bearing capacity will be 200kg. • On both side pushing handle for easy movement of trolley.
21	<p>Floor Mounted Storage Rack comprising the following S.S. frame and body. S.S. shelf – 5 Nos. pre-polished 18-gauge sheet Argon arc welding Size: 900mm (L) X 450mm (W) X 1800mm (H) Mounting will be on heavy duty rubber / nylon / bush.</p>
22	<p>SS304 Standing basket rack for 15 Basket Supplying and fixing of Free Standing basket rack of Minimum Size (L x W X H): 1200 x 480 x 1800 mm. SS 304 Frame 50x50mm for both single and double basket storage racks to store wire baskets in sterile storage and/or as pre-storage of clean packed goods. The rack should be designed as an open unit to promote aeration of sterilized goods and to make inspection of stored goods as easy as possible. Baskets should be loaded and unloaded by conveniently sliding them on rigid, horizontal guide-rails, consisting of 50 x 20 mm steel profiles. The guide-rails are welded to a robust support column mounted on a rigid floor stand. The columns should be joined by support frames on top and below the base of the rack. To facilitate cleaning of the floor, the base should have a rigid construction that minimizes the number of legs needed for support. Each leg should have an adjustable foot.</p>
23	<p>SS 304 Basket for Standing Basket Rack Size: 22” x 10” x 4” Basket grid 8mmHorizontal rods x 6mm Vertical rods</p>

24	SS 304 Instruments Trolley – Size: 1050mm (L) 550mm (W) 900mm (H) – SS 304 16-gauge 50 X 50mm pipe frame, – Heavy duty caster wheel 5 Inch with locking system 3 side reeling. – 1nos under shelf heavy duty top & self with stiffener support.
25	PPGI DOOR
26	2X2 GRID Ceiling
27	Antibacterial Paint on Wall
28	Electrical Installation

Technical Specifications of VIDEO LARYNGOSCOPE

S No	Specifications
1	Display size should be 4" full view.
2	It should have LCD Display.
3	Screen Resolution: 800*480
4	Battery working time \geq 130 min.
5	It should have rechargeable lithium 3200mAh Battery.
6	Battery life should be \geq 300 time.
7	Should come with 7 disposable blades (MAC 1,2,3,4,5 Non channelled & MAC 3 & 4 in channelled).
8	Screen movement should be UP/Down 0°-180° and Right/Left 0°-180°.
9	Should come with anti fog camera.
10	Disposable blades should be anti fog coating.
11	Should have 4 GB memory for recording video and image capturing.
12	Field angle \geq 66°.
13	Video aspect ratio of 4:3
14	Should have battery status indicator.
15	Should come Aluminium carry box for safety of the product.
15	Should be ISO/DOC/CE

Technical Specification of Diagnostic Bera Machine - 2 Channel

- Record & View separate rarefaction and condensation responses in the “Alternating Stimulus Polarity Acquisition Mode”
 - Auto ABR Peak Marking
 - Software swap of ABR electrodes from one ear to the other helps the user to work efficiently without having to physically swap the electrodes
 - Provision to perform Weighted Algorithms
 - Stimulus–Multiple options to choose from a wide range of stimuli
 - Noise: Multiple Choice of Masking noises
 - One Click Reset to Default factory settings and test protocols
 - Test one or both ears at the same time
 - Easy Upgrade: Basic Unit can be upgraded at any time with other optional tests by requesting for licence key

- Power Supply: 220V, 50Hz
- Harmonic Distortion < 1%
- Better patient safety.
- Lesser signal disturbances caused by AC main
- No data loss because of power failures.
- Simple and Intuitive User Interface
- Auto-marking of peaks with manual override for corrections
- Different labels specific to ABR, VEMP, ECoChG, for easy peak marking
- User-defined artefact rejection level
- User Defined Protocols
- **VEMP:**
- Vestibular Evoked Myogenic Potentials (VEMP), EP Soft has advanced and simplified VEMP Module with which it is easy to perform the VEMP test i.e. Cervical (cVEMP) and Ocular (oVEMP).
- On-screen EMG activity
- It can test patients of all age groups
- **ECoChG System**
- Electro-Cochleography (ECoChG) is an objective assessment test used in the diagnosis of Meniere's disease and other disorders. ECoChG tests measure electrical potential generated in the cochlea (a part of the inner ear) in response to audio stimulation
- SP/AP Amplitude ratio calculations

ASSR

- Test one or both ears at the same time
- Stimulus: Modulated tone and Chirp
- ASSR with TDH/ Insert
- Auto ASSR test protocols with manual over-ride
- Plotting of Audiograms in SPL or HL using user modifiable SPL-to-HL correction table
- Additional software for the execution and analysis of the Steady-State test with real-time

Technical Specification of OAE Screening Machine (Otoacoustic emissions)
• Performing screening and diagnostic measurements of TEOAE and / or DPOAE
• Sharp, colored organic LED display
• Fast automatic testing with Pass / Refer outcome and graphical test result display
• 2 DP and 2 TE screening protocols
• 5 DP and 3 TE diagnostic protocols of which 4 DP and 2 TE are customizable protocols
• High noise immunity for operation in normal clinical environment
• Lightweight, small earprobe
• Wireless communication to PC and optional thermal printer
• Battery Life should be 1000 tests per charge, minimum 20 hours on-time
• Power Supply should be Lithium-Ion rechargeable
• User Interface should be OLED display 4-button keypad
• PC Interface USB micro, Wireless connection
• Measurement Type should be DPOAE (Distortion Product Otoacoustic Emissions)
• TEOAE (Transient Evoked Otoacoustic Emmissions)
• Frequency Range
• Screening Version DPOAE: 2.0 kHz to 5.0 kHz TEOAE: 1.5 kHz to 4.0 kHz
• Diagnostic Version DPOAE: 1.5 kHz to 12.0 kHz TEOAE: 0.7 kHz to 4.0 kHz
• PRINTER OPTIONAL
• Type Thermal dot matrix
• Speed 50 to 80 mm / second
• Operating Noise < 50 dBSPL
• Power Supply 7.4 V lithium battery or mains 100 V to 240 V 50/60 Hz
• Weight 197 g
• Data Transfer Wireless

Technical Specification of Dental Chair & Unit with all Accessories

- Stable and heavier base
- Comfortable memory foam leather
- Anti crushing system
- Emergency safety switch
- Sensor based triple axis movable LED operating light
- Adjustable Dual color light (white & yellow) source with digital display
- Bilateral pneumatic control design
- Low & High VAC suction with delay function
- Multifunctional additional movable tray
- Easily cleaned Removable instrument tray
- Max. load bearing capacity - 180kg
- Multifunctional rotatable handpiece holder

Technical Specification of UV Chamber Features – Dental Use

- 45L Capacity
- Effective sterilization using two built-in 254 nm UV lamps
- Adjustable UV light timer for convenient use
- Easy-to-clean, stainless steel racks (Grade 304)
- Interlocking safety system shuts off
- UV light automatically while opening the door

Specifications

- Power: 20W
- UV Wavelength: 254 nm
- Timer: Maximum 30 Minutes

Technical Specification of Dental X-Ray & RVG

- Microprocessor based X-ray timer
- Independent memory for Digital and Conventional Dental Radiography time selections
- Short time exposure range starting from 0.01 sec.
- Makes it ideal for Digital Radiography
- Soft touch panel switches.
- Line voltage compensation 170 - 260 V in 12 uniform steps.
- Tube overload protection for longer tube life.
- 10 seconds time delay between two consecutive exposures.
- Audio-visual indications during exposure and in tube overload condition.
- LED indicators to indicate ready sign and Digital Radiography (RVG) selection.
- Lead coated, irremovable, long radiography cone
- X-ray output: 70kVp & 8 mA

- X-ray tube: KL27-0.8-70
- Power Requirement: 230V ± 10% 50 Hz, 5 Amp
- Focal Spot Distance (FSD): 20 cm
- Radiography: Long cone with 2 mm lead sheet
- Filtration: 1.5 mm aluminum
- Focal Spot Size: 0.8 mm × 0.8 mm
- Timer: Microprocessor-based digital timer
- RVG: Yes, RVG compatible
- Display: LCD display
- Exposure Time: 0.01 to 2.0 seconds
- Exposure Switch: Cordless remote control

RVG

- Sensor type APS CMOS
- Resolution 20Lp/mm
- Effective area of sensor size 20*30mm
- Grayscale 16 bits
- Connection type USB 2.0
- Image Time 2S

Technical Specification of Autoclave Vertical for Dental Use
<ul style="list-style-type: none"> • Mount Type should be Floor Mounted Autoclave
<ul style="list-style-type: none"> • Pressure Range Should be 15 to 20 bar
<ul style="list-style-type: none"> • Automation Grade Must be Semi-Automatic
<ul style="list-style-type: none"> • Certificate Required ISO 9001 2015

SPECIFICATION OF X-Ray Machine 500MA with CR System

A. X-RAY GENERATOR

1. The s-ray generator should be high frequency 40 KW, 40 KHz.
2. The output should be 500 mA & 125 KV.
3. The control panel should have feather touch operating control panel.
4. The x-ray control should have digital display of KV, mA, mAs & Secs.
5. It should have 3 point technique selection i.e. mA, KV & mAs.
6. The radiography KV should be 40 to 125 KV with variation of KV in 1 steps.
7. The radiography mA rating should be as per given below:
 - Large focus should be from 200 to 500mA
 - Small focus should be from 50mA to 160 mA
8. The exposure time should be from 0.001s to 10 Secs.
9. The radiographic mAs should be from 0.1 to 500 mAs.
10. The control should have Anatomical Program selection of 200 programs or more various body parts.
11. The control should have pre programmed protection of x-ray tube.
12. The generator should have micro processor based electronic overload system.
13. It should have self diagnostic circuit with error code indications.
14. The pair of high tension cable of 8 meter length should be provided.
15. The double slot manual light beam collimator with auto shut of lamp after 30 secs. Should be supplied with the system.

B. X-RAY TUBE

1. the X-Ray tube should be Rotating Anode double focus x-ray tube of Canon make or any European make only (Chinese will not be preferred)
2. It should have focal spot of small focus of 1.0 & large focus of 2.0 mm.
3. The Anode heat storage capacity of tube should be 140 KHu.

C. X-RAY TABLE

1. It is single position horizontal Bucky table with radiolucent table top with floating table top.
2. The motorized Bucky should have grid of $17\frac{1}{4}'' \times 18\frac{7}{8}''$ & ratio 8:1, 103 lines or better.
3. The Bucky cassette tray should accept cassettes up to size $14'' \times 17''$.
4. The table top should be floating with 4 way movements. It should have Transverse & Longitudinal movements.
5. The magnetic lock should be provided for table top movement & foot pedal for table top operations.

D. COLUMN STAND

1. It should be Ceiling free floor mounted
2. It should have vertical counter balanced travel
3. It should have fixed tube cross arm with manual locking for tube fixing.
4. It should have necessary locking for column horizontal & vertical movements.
5. It should be min of 7.5ft long for getting proper FFD on table.
6. It should be compatible to fix in room with 9' height.

E. VERTICAL BUCKY STAND

1. It should have floor supported column stand with counter balanced vertical movements.
2. It should have min height adjustment from 540mm to max. 1680mm.
3. It should contain the motorized bucky with grid of $17\frac{1}{4}'' \times 18\frac{7}{8}''$ & ratio of 8:1, 85 lines or better.
4. It should be able to take radiograph in standing position.
5. It should be capable of taking radiograph on cassettes up to size $14'' \times 17''$.
6. It should have manual locking for fixing at various heights.

F. POWER SUPPLY

1. The unit should run on 3 phase, 440 volts, 50Hz. 40KW, and 63Amps.
2. Line Voltage Compensation should be $\pm 10\%$ of input voltage.

G. G. NOTE

1. The quoted equipment should be Type approved by AERB (Atomic Energy Regulatory Board) for Radiation safety.
2. The equipment should have Bureau of Indian Standards (BIS) Certification.
3. The Company should be ISO-13485 & ICMED Certified.
4. The quoted equipment should contain the components of genuine make (Chinese will not be preferred)
5. The company should have service center in India.

Advance Computed Radiography (CR) System

Image Reader (CR Reader) / Digitizer:

Digitizer / Image Reader suitable for Hospitals which is capable to handle high workload is required, having the following features:

- Processing Capacity 60 Plates/hour for 14" x 17" size.
- Minimum image preview time should be less than 45 sec.
- Depth acquisition resolution should be of 12 bits.
- Unit offered should have resolution of 90 microns or less
- Should have provision for highest resolution scanning for any size.
- Should have various post-processing features like window level adjustment, Rotation, Zooming, Annotation, Noise reduction, cropping etc.
- it should be DICOM COMPATIBLE.
- it should have be able to process cassettes of size 8" x 10", 10 x12", 11"x14", 14" x 14". 14 x 17" 18" x 24", 24" x 30" & 15" x 30"
- It should be able show Error Ready and Busy LED indicator separately to show the status of reader.
- It should have arrangement to erase wrongly exposed cassette directly without using of any software command.

Dedicated Workstation:

The CR System should have advanced workstation provided with 17" high-resolution monitor. keyboard & mouse with the following features

- It should be capable of processing raw image data of the CR Reader/Digitizer
- It should have post processing facilities like window level adjustments, Image flipping, rotating, image zooming, Annotation, latitude reduction, Cropping, image noise reduction, grey scale saturation etc.
- It should be able to pan & zoom the image directly when required, to check the quality of the image
- Should have Stepwise image rotation function in console software.
- Noise reduction, Soft tissue enhancement, Bones density enhancement, bone sharpness should be providing in console of workstation.
- It should also have Facility for Multi image printing on Single Film.
- Should have facility of customizable presets.
- It should have orthopaedic tool facility for pre operation calculation.
- DICOM printer should have facility to connect directly from Console software.
- Console software, scanner and printer mandatorily from same manufacturer.

Image Recording System (Cassettes & Image Plates):

- Cassettes with imaging Plates need to supply

a) 14" x 17" - 1 no.

b) 10 x 12 -1 no.

Dry Camera:

A dry printer of latest technology should be provided with the system, with the following features:

- Print technology should be dry Thermal.
- Printing resolution should be not less than 300 DPI for standard resolution printing.
- Processing capacity: It should be able to print at least 50 sheets/hour of 14" x 17" size.
- Pixels depth architecture/gray scale resolution should be 12 bits of more
- It should have compatibility of networking & connectivity-there should be provision of direct connectivity to any DICOM modality & or installation there should be available essential provision of connection to at least 4

DICOM modalities simultaneously, for high volume centralized US, CT, MRI, NM. CR & DR C-ARM printing applications.

- The systems should be capable to connect/link non- DICOM modalities also by connecting in to DICOM
- It should be able to support film sizes 10x12 & 8x10.
- It should have single online tray or more, capable of changing any film size at any given point of time.

OTHER REQUIREMENTS:

- The system should be supplied with suitable UPS with 15 mins back-up.
- The system should be CE/FDA approved.
- Trained engineers to maintain and support the system.
- Offered system should have 2 years warranty from date of installation and 5 years CMC to be quoted separately thereafter.

Annexure XI: Compliance sheet for Technical Proposal

Compliance Sheet for all Equipments

Sr.no	Technical specifications /composition of tender enquiry	Compliance on each parameter with detailed substantiation how the offered product meets the requirement. (Do not write simply yes or complied or as per licenses mentioned in the bid. If written then bid will be rejected)	Brand name (only For importer)	Medical devices/ import license	MSME/ SSE	Remarks, If any
A	B	C	D	E	F	G

Signature

Date

Place

Appendix XII: Place of delivery

(District wise place and address of all equipments)

Women and New Born Hospital Chhatrapati Sambhajanagar

MMGPA Tender

Annexure-XIII: Self Declaration Affidavit (on Rs.100/- Stamp Paper)

I age address (Authorized signatory to sign the contract), hereby submit, vide this affidavit in truth, that I am the owner of the contracting firm / authorized signatory and I am submitting the documents in envelope no.1 for the purpose of scrutiny of the contract. I hereby agree to the conditions mentioned below: -

- a. I am liable for action under Indian Penal Code for submission of any false / fraudulent paper / information submitted in envelope no.1.
- b. I am liable for action under Indian Penal Code if during contract period and defect liability period, any false information, false bill of purchases supporting proof of purchase, proof of testing submitted by my staff, subletting company or by myself, I will be liable for action under Indian Penal Code.
- c. I am liable for action under Indian Penal Code if any paper is found false / fraudulent during contract period and even after the completion of contract (finalisation of final bill).

(Signature of Bidder)

(Seal of company)

Annexure-XIV: Manufacturer's Authorization Form

(Manufacturer's or Producer's Letter head)

To,
The Chief Executive Officer,
Maharashtra Medical Goods Procurement Authority,
1st Floor, Arogya Bhawan,
P.D' Mello Road, Mumbai- 400001.

WHEREAS (*Name of Manufacturer or producer*) (hereinafter, "we" "us") who is established and reputable manufacturer's or producers of (*name and/or description of Goods requiring this authorization*) having production facilities at (*Insert address of the factory*) do hereby authorize (name and address of Bidder) (herein after, the" bidder") to submit a bid, and sign the Contract with you against Request For Proposal ref no. (*Title and reference of RFP*) including the above goods produced by us.

We hereby extend our full guarantee and warranty for the above specified Goods described above in accordance with the terms and conditions of this Request for Proposal and Contract to be executed between the Bidder and Authority.

For and on behalf of the Manufacturer or Producer

Signed: _____

Date: _____

In the capacity of (*Title, position, or other appropriate designation*) and duly authorized to issue Authorization Form on behalf of (*Name of Manufacturer or producer*)

Note:

This Letter /form should be signed by a person competent and having the power of attorney/authority to legally bind the manufacturer. This should be included by the bidder in it's bid.

This Letter /form is required to be provided by Importer and Authorized Distributor.

Annexure-XV: Format for EMD Bank Guarantee

To be submitted in original at MMGPA office

B.G. No. Dated:

1. In consideration of you, Maharashtra Medical Goods Procurement Authority, having its office at 1st Floor, Arogya Bhawan St. George's Hospital Compound, Near C.S.M.T. Railway Station, Mumbai - 400 001 Maharashtra (hereinafter referred to as the "Authority", which expression shall unless it be repugnant to the subject or context thereof include its, successors and assigns) having agreed to receive the bid of(mention nature of entity and acts under which it is registered) and having its registered office at (hereinafter referred to as the "Bidder" which expression shall unless it be repugnant to the subject or context thereof include its/their executors, administrators, successors and assigns), for the **Supply, Installation and Commissioning of Women and New Born Hospital Chhatrapati Sambhajnagar** (hereinafter referred to as "the Project") pursuant to the RFP Document dated issued in respect of the Project and other related documents (hereinafter collectively referred to as "Bidding Documents"), we (Name of the Bank) having our registered office at and one of its branches at (Hereinafter referred to as the "Bank"), at the request of the Bidder, do hereby irrevocably, unconditionally and without reservation guarantee the due and faithful fulfilment and compliance of the terms and conditions of the Bidding Documents (including the RFP Document) by the said Bidder and unconditionally and irrevocably undertake to pay forthwith to the Authority an amount of Rs. (Rupees only) as bid security (hereinafter referred to as the "Guarantee") as our primary obligation without any demur, reservation, recourse, contest or protest and without reference to the Bidder if the Bidder shall fail to fulfil or comply with all or any of the terms and conditions contained in the said Bidding Documents.
2. Any such written demand made by the Authority stating that the Bidder is in default of the due and faithful fulfilment and compliance with the terms and conditions contained in the Bidding Documents shall be final, conclusive and binding on the Bank.
3. We, the Bank, do hereby unconditionally undertake to pay the amounts due and payable under this Guarantee without any demur, reservation, recourse, contest or protest and without any reference to the Bidder or any other person and irrespective of whether the claim of the Authority is disputed by the Bidder or not, merely on the first demand from the Authority stating that the amount claimed is due to the Authority by reason of failure of the Bidder to fulfil and comply with the terms and conditions contained in the Bidding Documents including failure of the said Bidder to keep its Bid open during the Bid validity period as set forth in the said Bidding Documents for any reason whatsoever. Any such demand made on the Bank shall be conclusive as regards amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs. (Rupees only).
4. This Guarantee shall be irrevocable and remain in full force for a period of 240 (two hundred and forty) days from the Bid Due Date inclusive of a claim period of 60 (sixty) days or for such extended period as may be mutually agreed between the Authority and the Bidder, and agreed to by the Bank, and shall continue to be enforceable till all amounts under this Guarantee have been paid.
5. We, the Bank, further agree that the Authority shall be the sole judge to decide as to whether the Bidder is in default of due and faithful fulfilment and compliance with the terms and conditions contained in the Bidding Documents including, *inter alia*, the failure of the Bidder to keep its Bid open during the Bid validity period set forth in the said

Bidding Documents, and the decision of the Authority that the Bidder is in default as aforesaid shall be final and binding on us, notwithstanding any differences between the Authority and the Bidder or any dispute pending before any Court, Tribunal, Arbitrator or any other authority.

6. The Guarantee shall not be affected by any change in the constitution or winding up of the Bidder or the Bank or any absorption, merger or amalgamation of the Bidder or the Bank with any other person.
7. In order to give full effect to this Guarantee, the Authority shall be entitled to treat the Bank as the principal debtor. The Authority shall have the fullest liberty without affecting in any way the liability of the Bank under this Guarantee from time to time to vary any of the terms and conditions contained in the said Bidding Documents or to extend time for submission of the Bids or the Bid validity period or the period for conveying acceptance of Letter of Award by the Bidder or the period for fulfilment and compliance with all or any of the terms and conditions contained in the said Bidding Documents by the said Bidder or to postpone for any time and from time to time any of the powers exercisable by it against the said Bidder and either to enforce or forbear from enforcing any of the terms and conditions contained in the said Bidding Documents or the securities available to the Authority, and the Bank shall not be released from its liability under these presents by any exercise by the Authority of the liberty with reference to the matters aforesaid or by reason of time being given to the said Bidder or any other forbearance, act or omission on the part of the Authority or any indulgence by the Authority to the said Bidder or by any change in the constitution of the Authority or its absorption, merger or amalgamation with any other person or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of releasing the Bank from its such liability.
8. Any notice by way of request, demand or otherwise hereunder shall be sufficiently given or made if addressed to the Bank and sent by courier or by registered mail to the Bank at the address set forth herein.
9. We undertake to make the payment on receipt of your notice of claim on us addressed to [name of Bank along with branch address] and delivered at our above branch which shall be deemed to have been duly authorised to receive the said notice of claim.
10. It shall not be necessary for the Authority to proceed against the said Bidder before proceeding against the Bank and the guarantee herein contained shall be enforceable against the Bank, notwithstanding any other security which the Authority may have obtained from the said Bidder or any other person and which shall, at the time when proceedings are taken against the Bank hereunder, be outstanding or unrealised.
11. We, the Bank, further undertake not to revoke this Guarantee during its currency except with the previous express consent of the Authority in writing.
12. The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorised and has full power to execute this Guarantee for and on behalf of the Bank.
13. For the avoidance of doubt, the Bank's liability under this Guarantee shall be restricted to Rs. (Rupees only). The Bank shall be liable to pay the said amount or any part thereof only if the Authority serves a written claim on the Bank in accordance with paragraph 9 hereof, on or before [..... (Indicate date falling 240 days after the Bid Due Date)].

Signed and delivered by Bank

By the hand of Mr./Ms, its and authorised official.

(Signature of the Authorised Signatory)
(Official Seal)

Annexure-XVI: Format for Performance Security Bank Guarantee

To,
The Chief Executive Officer
Maharashtra Medical Goods Procurement Authority
1st Floor, Arogya Bhawan
P. D'Mello Road, Mumbai- 400001

Dear Sirs.

Whereas you intent to enter into a contract, as per your Letter of Intent, Reference No. _____ dated _____ (Hereinafter referred to as "the contract") with M/s _____ as vendor for the supply of _____ defined in contracts schedule, (hereinafter referred to as "the goods / services") and whereas the vendor has undertaken to produce a performance cum warranty bond for amount of Rs _____ being equal to 3% of the total contract value of the goods / services to be delivered as specified contract No _____ dated _____ referred to as "contract to secure its obligations to the beneficiary with respect to the goods specified in the invoice.

1. We _____ (Name of the Bank), hereby expressly, irrevocably, and unreservedly undertake and guarantee as principal obligators on behalf of the Seller that in the event that the beneficiary submits a written demand to us stating that the Seller has not performed according to the terms and conditions of the contract, we will pay you on demand and without demur any sum up to a maximum amount of (3% of the contract value). Any claims must bear the confirmation of your bankers that the signatures thereon are authentic. Your written demand shall be conclusive evidence to us that such written demand. For the avoidance of doubt any documents received by way of facsimile or similar electronic means is/are not acceptable for any purpose(s) under this guarantee.

2. We shall not be discharged or released from this undertaking and guarantee by any arrangements, variations made between beneficiary and the seller or any forbearance whether as to payment, time performance or otherwise.

3. In no case shall the amount of the guarantee be increased.

4. Unless a demand under this guarantee is received by us in writing on or before the expiry dates (unless this guarantee is extended by the seller), all your rights under this guarantee shall be forfeited and we shall be discharged from the liabilities hereunder.

5. This guarantee shall be a continuing guarantee (which means guarantee will also be valid if the bank is in under liquidation or bankruptcy) and shall not be discharged by any change in the constitution of the bank or in the constitution of the Seller.

6. Please return this letter of guarantee immediately after our liability thereafter has ceased to be valid.

7. Our liability under this guarantee will cease to be valid even if the guarantee deed is not returned to us.

8. This guarantee is personal to the beneficiary and not assignable to a third party without our prior written consent.

9. This guarantee shall be governed by Indian Law. This guarantee is valid until (Insert date in dd/mm/yyyy)

Signature and Seal of Guarantors _____

Date _____

Address: _____

(Signature of Bidder)

(Seal of company)

Appendix II: Commercial Proposal Templates

I. General

The Bidders are expected to respond to the RFP using the forms given in this section for Commercial Proposal (Envelop - 2).

Annexure XVII: Letter comprising the Commercial Bid

MMGPA Tender

Annexure XVII: PART I

**Letter comprising the Commercial Bid
PRICE BID FOR THE CURRENT TENDER) (To be kept in Envelope No. 2)**

Sr. No	Item Description	Unit	Qty	Ex-factory cost per unit (In Rs.)	GST applicable for Govt. Supply (In Rs.)	Other incidental charges (Please specify) (In Rs.)	Total landed cost per unit (4+5+6) (In Rs.)	Total Cost Rs. (3x7)
	1	2	3	4	5	6	7	8
1	Examination Table with foot steps	Nos.	10					
2	Gynaec Examination Table with foot steps	Nos.	15					
3	Simple Operation Table with Gynae Attachments	Nos.	2					
4	Examination Light with stand (Mobile)	Nos.	35					
5	Mobile Shadowless Lamp	Nos.	5					
6	Instrument trolley S.S.	Nos.	20					
7	Medicine cum Dressing Trolley S.S.	Nos.	15					
8	Linen Trolley S.S.	Nos.	20					
9	Recovery trolley S.S	Nos.	30					
10	Food Catering Trolley S.S	Nos.	8					
11	Oxygen Cylinder Trolley (for 1.54cuM) S.S	Nos.	50					
12	Oxygen Cylinder Trolley (for 7cuM) S.S.	Nos.	30					
13	Hospital Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	Nos.	265					
14	Fowler Bed with Mattress & Pillow, Saline Stand, Patient File Pocket	Nos.	65					
15	Motorized ICU Bed (5 Functions) with Mattress & Pillow, Saline Stand, Patient File Pocket	Nos.	30					
16	Bed Head Pannel	Nos.	35					
17	ICU Curtain (Cubical) Runnin Mtr	Nos.	60					

18	Bedside lockers S.S.	Nos.	320					
19	Saline Stand	Nos.	20					
20	Attendant stools S.S.	Nos.	430					
21	Wheel Chair S.S.	Nos.	38					
22	Bed Side Screen (3 Fold) S.S. with Appropriate size cotton curtain	Nos.	50					
23	Weighing Machine Adult (Digital)	Nos.	40					
24	Weighing Machine Infant (Digital)	Nos.	40					
25	Thermometer (Mercury)	Nos.	50					
26	Thermometer (Digital)	Nos.	50					
27	Height Measuring Stand	Nos.	30					
28	B.P. Appratus (Mercury)	Nos.	50					
29	B.P. Appratus (Mercury) with stand	Nos.	30					
30	B.P. Appratus Digital	Nos.	50					
31	Stethoscope (Adult) Litman	Nos.	60					
32	Stethoscope (Paediatric) Litman	Nos.	20					
33	Stethoscope (Neonatal) Litman	Nos.	79					
34	Foetal Doppler (Battery Operated)	Nos.	35					
35	ECG Machine 12 Channel with	Nos.	17					
36	Infantometer	Nos.	15					
37	Stadiometer	Nos.	5					
38	X-Ray View Box LED	Nos.	40					
39	Measuring Tape 2mtr	Nos.	50					
40	CTG Machine	Nos.	15					
41	Bio Medical Waste Collection Trolley S.S	Nos.	3					
42	Pulse Oxymeter - Fingure Type	Nos.	50					
43	Neonatal Pulse Oxymeter - Fingure Type	Nos.	90					
44	Nebulizer Machine	Nos.	40					
45	Labour Table.	Nos.	12					
46	Hydraulic Operation Table	Nos.	4					

47	Double Dome OT Light LED	Nos.	4				
48	Single Dome Light LED	Nos.	8				
49	Anaesthesia Work Station	Nos.	2				
50	Phototherapy Unit	Nos.	40				
51	Vaccum Extractor	Nos.	6				
52	Syringe Infusion Pump	Nos.	105				
53	Neonatal Billirubinometer (Non-Invasive)	Nos.	4				
54	Buble C PAP with Compressor	Nos.	9				
55	Transport Incubator	Nos.	3				
56	Irradiance Meter	Nos.	2				
57	Vein Finder Device	Nos.	25				
58	Oxygen Hood	Nos.	30				
59	Mamograpgy Machine with installation Turnkey Project	Nos.	1				
60	Refrigerator - 300 Ltrs	Nos.	23				
61	Defibrillator Biphasic Machine	Nos.	5				
62	LED Partion for X-Ray Room	Nos.	1				
63	LED Apron for X-Ray Room	Nos.	3				
64	Dosimeter for X-Ray Room	Nos.	5				
65	Blood Infusion Warmer	Nos.	2				
66	Hysteroscope Full HD	Nos.	2				
67	Dielectric Tube Sealer	Nos.	3				
68	Blood Collection Monitor	Nos.	1				
69	Blood Donar Cauch	Nos.	5				
70	Vertical Autoclave	Nos.	1				
71	Blood Bag Centrifuge (Refrigerated)	Nos.	1				
72	Plasma Expressor	Nos.	2				
73	Laminar Air Flow	Nos.	1				
74	Video Larygoscope	Nos.	10				
75	Diagnostic Bera Machine - 2 Channel	Nos.	1				
76	OAE Screening	Nos.	1				

	Machine (Otoacoustic emissions)							
77	Dental Chair & Unit with all Aceesories	Nos.	1					
78	UV Chamber -Dental Use	Nos.	1					
79	Dental X-Ray & RVG	Nos.	1					
80	Autoclave Verticle For Dental Use	Nos.	1					
81	X-Ray Machine 500 MA with CR System	Nos.	1					
	Total							

Total tender price (in words.....)

The price should be quoted only in Indian currency Note:

In case of discrepancy between unit price and total price, the unit price shall prevail. Only total landed cost per unit considered for rate comparison (column No.7)

L1 will be decided based on price entered in <https://mahatenders.gov.in> site.

Signature of the Tenderer

Name

Designation

Business address

To be uploaded in the form of Excel

Annexure XVII: PART II

(Statement showing comparative prices offered by the tenderer in other tenders of the same product)
**ONLY FOR ADDITIONAL INFORMATION AS TO RATES OFFERED BY THE TENDERER IN
VARIOUS OTHER TENDERS.**

Please mention quoted rates of above item of different years for All equipments

Sr. No.	Financial Year	Unit	Unit Price offered in other Bids/ Tenders/Rate contracts (in Rs.)
1.	2022-23		
2.	2023-24		
3.	2024-25		

Additional rows for information of other years can be inserted.

Signature

Seal

MMGPA Tender

Annexure-XVIII Checklist

1. Make and Model with country of origin

Sr. No.	Equipment Name	Make	Model	Country of Origin
1	Examination Table with foot steps			
2	Gynaec Examination Table with foot steps			
3	Simple Operation Table with Gynae Attachments			
4	Examination Light with stand (Mobile)			
5	Mobile Shadowless Lamp			
6	Instrument trolley S.S.			
7	Medicine cum Dressing Trolley S.S.			
8	Linen Trolley S.S.			
9	Recovery trolley S.S			
10	Food Catering Trolley S.S			
11	Oxygen Cylinder Trolley (for 1.54cuM) S.S			
12	Oxygen Cylinder Trolley (for 7cuM) S.S.			
13	Hospital Bed with Mattress & Pillow, Saline Stand, Patient File Pocket			
14	Fowler Bed with Mattress & Pillow, Saline Stand, Patient File Pocket			
15	Motorized ICU Bed (5 Functions) with Mattress & Pillow, Saline Stand, Patient File Pocket			
16	Bed Head Pannel			
17	ICU Curtain (Cubical) Runnin Mtr			
18	Bedside lockers S.S.			
19	Saline Stand			
20	Attendant stools S.S.			
21	Wheel Chair S.S.			
22	Bed Side Screen (3 Fold) S.S. with Appropriate size cotton curtain			
23	Weighing Machine Adult (Digital)			
24	Weighing Machine Infant (Digital)			
25	Thermometer (Mercury)			
26	Thermometer (Digital)			
27	Height Measuring Stand			

28	B.P. Appratus (Mercury)			
29	B.P. Appratus (Mercury) with stand			
30	B.P. Appratus Digital			
31	Stethoscope (Adult) Litman			
32	Stethoscope (Paediatric) Litman			
33	Stethoscope (Neonatal) Litman			
34	Foetal Doppler (Battery Operated)			
35	ECG Machine 12 Channel with			
36	Infantometer			
37	Stadiometer			
38	X-Ray View Box LED			
39	Measuring Tape 2mtr			
40	CTG Machine			
41	Bio Medical Waste Collection Trolley S.S			
42	Pulse Oxymeter - Fingure Type			
43	Neonatal Pulse Oxymeter - Fingure Type			
44	Nebulizer Machine			
45	Labour Table.			
46	Hydraulic Operation Table			
47	Double Dome OT Light LED			
48	Single Dome Light LED			
49	Anaesthesia Work Station			
50	Phototherapy Unit			
51	Vaccum Extractor			
52	Syringe Infusion Pump			
53	Neonatal Billirubinometer (Non-Invasive)			
54	Buble C PAP with Compressor			
55	Transport Incubator			
56	Irradiance Meter			
57	Vein Finder Device			
58	Oxygen Hood			
59	Mamography Machine with installation Turnkey Project			
60	Refrigerator - 300 Ltrs			

61	Defibrillator Biphasic Machine			
62	LED Partion for X-Ray Room			
63	LED Apron for X-Ray Room			
64	Dosimeter for X-Ray Room			
65	Blood Infusion Warmer			
66	Hysteroscope Full HD			
67	Dielectric Tube Sealer			
68	Blood Collection Monitor			
69	Blood Donar Cauch			
70	Vertical Autoclave			
71	Blood Bag Centrifuge (Refrigerated)			
72	Plasma Expressor			
73	Laminar Air Flow			
74	Video Larygoscope			
75	Diagnostic Bera Machine - 2 Channel			
76	OAE Screening Machine (Otoacoustic emissions)			
77	Dental Chair & Unit with all Aceesories			
78	UV Chamber -Dental Use			
79	Dental X-Ray & RVG			
80	Autoclave Verticle For Dental Use			
81	X-Ray Machine 500 MA with CR System			

2.Documents Checklist

Sr. No.	Documents	Submitted	Not Submitted
1	Tender Fees		
2	EMD		
3	Legal Entity Document		
4	Manufacturer/Importer/Authorized Distributor		
5	Manufacturer's Authorization (Annexure XIV)		
6	Manufacturing License		
7	DPIIT (Foreign Border)		
8	Product used in country of origin		
9	Import Export Certificate for imported equipments		
10	Affidavit of import for last three years imported equipments		
11	Letter comprising Technical Bid (Annexure 1)		

12	Pre-qualification compliance (Annexure II)		
13	Proforma for Production and sale Statement (Annexure III)		
14	Annual Turnover and positive net worth Certificate (Annexure IV)		
15	Supply orders in past 3 years (Govt/State/Pvt)		
16	Details of Manufacturing Unit (Annexure V)		
17	Production capacity		
18	Non-Blacklisting affidavit (Annexure VII)		
19	Mandate Form (Annexure VIII)		
20	Power of Attorney (Annexure IX)		
21	Technical Specifications (Annexure X)		
22	Technical Compliance (Annexure XI)		
23	Brochure / Product Literature		
24	Delivery Place Acknowledgement (Annexure XII)		
25	Self-Declaration Affidavit (Annexure XIII)		
26	Two Service Centres in Maharashtra		
27	GST Registration		
28	PAN		
29	MSME Certificate		
30	EM II for medium Enterprises		
31	BIS/CE/USFDA certificate		
32	CDSCO		
33	ISO 13485		
34	Installation Prerequisites		