Tender Ref. No.: 260(R)/EQP/MGPS/CGMSC/2026-27, Dt. :09/06/2026

e-proc NIT No. :192909

CHHATTISGARH MEDICAL SERVICES CORPORATION LTD.
(A Government of Chhattisgarh Undertaking)
C.G. Housing Board, Commercial Complex, 3rd Floor
South East Corner, Sector – 27, Nava Raipur 492015
CIN: U85110CT2010SGC022089
Website: https://www.cgmsc.gov.in
email: equipment.cgmsc@gov.in

e –Short Tender for Supply, Installation, Testing and Commissioning of Liquid Medical Oxygen tank and Medical Gas Pipeline System in hospitals across various locations in Chhattisgarh

FINANCIAL YEAR 2026-27

LAST DATE FOR ONLINE SUBMISSION OF TENDER:
24/06/2026, Time: 05:00 PM

CHHATTISGARH MEDICAL SERVICES CORPORATION LTD.
(A Government of Chhattisgarh Undertaking)
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e –Short Tender For Supply, Installation, Testing and Commissioning of Liquid Medical Oxygen tank and Medical Gas Pipeline System in health facilities across various locations in Chhattisgarh

TENDER REFERENCE	:	**Ref. No: 260(R)/EQP/CGMSC/2026-27, Dt :09/06/2026**
TENDER WEB SITE	:	www.eproc.cgstate.gov.in
DATE OF TENDER UPLOAD	:	**09/06/2026**
STARTING DATE OF ONLINE BID SUBMISSION	:	**09/06/2026**
TIME AND DATE OF PRE-BID MEETING	:	**11/06/2026**,12:00 PM (IST)
VENUE FOR PRE-BID MEETING	:	Chhattisgarh Medical Services Corporation Ltd., C.G.Housing Board, Commercial Complex, 3rd Floor South East Corner, Sector – 27, Nava Raipur – Email id:- equipment.cgmsc@gov.in; Online Meeting Link: Time zone: Asia/Kolkata Google Meet joining info:
LAST DATE AND TIME FOR SUBMISSION OF QUERIES CLARIFICATION	:	**12/06/2026**,05:00 PM (IST) (**After stipulated time period no query & clarification will be entertained**).
LAST DATE AND TIME FOR SUBMISSIONOF TENDER	:	**24/06/2026**,05:00 PM (IST)
PLACE OF OPENING OF TENDER	:	Online on: www.eproc.cgstate.gov.in
ADDRESS FOR COMMUNCATION	:	Chhattisgarh Medical Services Corporation Ltd., C.G.Housing Board, Commercial Complex, 3rd Floor South East Corner, Sector – 27, Nava Raipur -492015 equipment.cgmsc@gov.in
TENDE RPROCESSING FEES	:	₹ 5000 (Non-Refundable)

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Section I

DESCRIPTION, DIRECTIVE & ABBREVIATIONS

The Managing Director, Chhattisgarh Medical Services Corporation Limited, C.G. Housing Board, 492015 (hereinafter referred as Tender Inviting Authority/Purchaser unless the context Commercial Complex, 3rd Floor, South East Corner, Sector – 27, Nava Raipur otherwise requires) invites e –Short Tender For Supply, Installation, Testing and Commissioning of Liquid Medical Oxygen tank and Medical Gas Pipeline System in health facilities across various locations in Chhattisgarh

Purchaser : Chhattisgarh Medical Services Corporation Limited (CGMSCL), Raipur, Chhattisgarh, India

1.	Consignee	:	As per Annexure - 26
2.	TIA (Tender Inviting Authority)	:	CGMSCL
3.	Bidder/Tenderer	:	Participants in Tender process for supply of goods.
4.	Supplier	:	Successful Bidder to whom the contract is awarded.
5.	Language of Bid	:	English
6.	List of Items	:	List of Items. Detailed in Annexure –26 (Schedule of requirements)
7.	**EMD & Tender Processing Fees**	**:**	**As per amount indicated in Annexure-26 (NEFT/RTGS) & ₹ 5000/- (NEFT/RTGS)(Non-Refundable)**
8.	Tender System	:	3 cover system Cover – A: EMD & Prequalification, Cover – B: Technical Bid (along with demonstration) Cover – C: Price Bid
9.	Schedule of events	:	As per online tender time schedule (Key dates) on www.eproc.cgstate.gov.in
10.	Address for communication	:	C.G. Housing Board, Commercial Complex, 4th Floor, South East Corner, Sector – 27, Nava Raipur-492015 and Email Id:- equipment.cgmsc@gov.in

Note:1. ***Bidders shall be solely responsible for checking these websites for any addendum/amendment, evaluation of covers or any clarifications issued subsequently, to the bid document and take into consideration the same while preparing and submitting the bid and further proceedings.***

2. ***E-procurement fee (convenience fee charged by e-proc site of CG state) is required to be paid additionally while participating for a tender (it should not be considered as part of tender processing fee).***
3. ***Bidders quoting equipment manufactured in countries sharing land border with India shall have to comply with GFR Rule 144 (xi) and have relevant registration***

ABBREVATIONS

CGMSC	:	Chhattisgarh Medical Service Corporation
EMD	:	Earnest Money Deposit
MD	:	Managing Director
TIA	:	Tender inviting authority
UCP	:	Ultimate cost to Purchaser
ISI	:	Indian Standards Institute
US-FDA	:	United State Food and Drug Administration
BIS	:	Bureau of Indian standards
IEC	:	International Electro technical Commission
IS	:	International Standard for Electronic Medical Equipment
ISO	:	International Organization for Standardization.
DQ	:	Design Qualification
IQ	:	Installation Qualification
OQ	:	Operational Qualification
PQ	:	Performance Qualification
CMC	:	Comprehensive Maintenance Contract
CDSCO	:	Central Drugs Standard Control Organization
BME	:	Bio-Medical Engineer
CS	:	Civil Surgeon
CMHO	:	Chief Medical & Health Officer
MO	:	Medical Officer
RMA	:	Rural Medical Assistant
WHO GMP:		World Health Organization Good Manufacturing Practices
RTGS	:	Real-Time Gross Settlement
BG	:	Bank Guarantee
FDR	:	Fixed Deposit Receipt
MDR	:	Medical Device Rule
UDIN	:	Unique Document Identification Number
NEFT	:	National Electronic Fund Transfer
OEM	:	Original Equipment Manufacturer
NPV	:	Net Present Value
PO	:	Purchase Order
LD	:	Liquidated Damage
EMIS	:	Equipment Management Information System
LMO	:	Liquid Medical Oxygen
MGPS	:	Medical Gas Pipeline System

1. Introduction

(i) The Purchaser has issued these TE documents for purchase of goods and related services as mentioned in Annexure 26– "List of Requirements", which also indicates, interalia, the required delivery schedule, terms and place of delivery.

(ii) This section (Section II - "General Instruction to Tenderers") provides the relevant information as well as instructions to assist the prospective tenderers in preparation and submission of tenders. It also includes the mode and procedure to be adopted by the purchaser for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.

(iii) The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.

(iv) Before formulating the tender and submitting the same to the purchaser, the tenderer should read and examine all the terms, conditions, instructions, checklist etc. contained in the TE documents. Failure to provide required information and/or comply with the required instructions etc. incorporated in these TE documents may result in rejection of its tender.

2. Availability of Funds

2.1 Expenditure to be incurred for the proposed purchase will be met with the funds available with the purchaser/consignee.

3. The relevant details The relevant details of the required goods & services, the terms, conditions and procedure for tendering, tender evaluation, placement of contract, the applicable contract terms and also, the standard formats to be used for this purpose are incorporated in the above-mentioned documents. The interested tenderers are expected to examine all such details etc. to proceed further.

ELIGIBILITY OF BIDDER

ELIGIBILITY CRITERIA

1. **For Manufacturers:**

   i. Having valid Manufacturing license (Self-declarations and/or other documents issued on basis of self-declaration alone, will not be treated as sufficient proof towards possession of valid manufacturing license) and all other applicable license(s)/certificate(s) for item/items quoted.

   ii. Should be in the business of supply and installation of MGPS/ LMO for the last 03 FY years within India.

   One similar work consisting not less than 80% of the MGPS/ LMO work in Govt. Hospital for the estimated cost of project value.
   OR
   Two similar works each consisting not less than cumulative 50% of the MGPS/ LMO work in Govt. hospital for the estimated cost of project value.
   OR

   Three similar works each consisting not less than cumulative 40% of the MGPS/ LMO work in Govt. hospital for the estimated cost of project value.

   iii. Having average annual turnover (from Medical Equipment/ LMO MGPS) of:

   minimum average annual financial turnover of the bidder during the last 03 FY years, ending on 31st March of the previous financial year, for manufacturers OEM 6.8 Crore and/or for Authorized Dealer /Authorized Distributor/ Authorized Reseller/Authorized Agent/Importer- should be 5.1 Crore as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant.
   If the bidder's date of incorporation or constitution is less than (03), the average turnover shall be calculated based on the completed financial years following the date of incorporation, and this will be considered for meeting the criterion.

   Note: MSEs and start-ups registered manufacturers in the State of Chhattisgarh for the quoted product shall be exempted from the requirement of average annual turnover criteria for participation.

   iv. Bidder should submit original leaflet & letter of authority from the manufacturer of BS EN 13348 kite marked with CE certification, along with certification from Lloyd's Register of Shipping for medical grade copper pipeline

   v. Who have been blacklisted or debarred by any state government, central government or any other government department/organization should not participate in the tender during the period of blacklisting/debarment. In case of such blacklisting/debarring happening after date of participation in the tender and before award of contract, such information must be immediately brought to the notice of TIA and will render such bidder ineligible for further consideration in the tender process.

   vi. The bidder shall submit an affidavit confirming that no EMD has been fortified in the past on performance grounds and The bidder shall also declare that no inquiry related to performance is pending with any Central/ State Govt organization/ institution /hospital.

vii. Having Authorized Service Center who have the capacity to provide service and attend repairs within the time mentioned as per after sales service conditions.

viii. Quoted items should have any of the following valid certficates (if applicable) :

- CDSCO license (or)
- USFDA (or)
- European CE with 4 digit notified body (or)
- BIS approval

Authorized Distributor/100% Subsidiaries of original Manufacturers:

i. Having authorization (in letterhead of OEM or 100% Subsidiary only) from the original manufacturer or 100% subsidiary.

ii. Should be in the business of supply and installation of LMO/ MGPS for the 03 years within India.

iii. Having valid Import-Export Certificate.

iv. Having Average annual turnover (LMO/ MGPS) of 5.1 Crore or more in last three (03) financial years as mentioned in Annexure-09.

v. Who have been blacklisted or debarred by any state government, central government or any other government department/organization should not participate in the tender during the period of blacklisting/debarment. In case of such blacklisting /debarring happening after date of participation in the tender and before award of contract, such information must be immediately brought to the notice of TIA and will render such bidder ineligible for further consideration in the tender process.

vi. Having Authorized Service Center that has the capacity to provide full service and attend to all repairs within the time mentioned as per after sales service conditions.

ix. Quoted items should have any of the following valid certficates (if applicable) :

- CDSCO license (or)
- USFDA (or)
- European CE with 4 digit notified body (or)

vii. BIS approval

viii. Bidders from countries sharing land borders with India shall comply with GFR Rule 144(xi) and the Government of India orders issued thereunder; a duly signed Land Border Sharing Country Declaration as per Annexure-29 along with valid registration (where applicable) is mandatory, failing which the bid shall be rejected.

Note: **All required certificates (original clear scanned PDF copies) which are legally necessary, whether mentioned in tender specification/documents or not, must be uploaded mandatorily, failing which shall lead to rejection.**

Section II

INSTRUCTION TO BIDDERS

TABLE OF CLAUSES

Clause Number	Clause Name
1.	Tender Processing Fee (TPF)&EMD
2.	Validity Of Bid
3.	Contract Security
4.	Clarification on bidding document
5.	Amendment in bidding document
6.	Tender process
7.	Award of Contract
8.	Performance Guarantee
9.	Warranty/Defects liability period
	a. Other important instruction
	b. Blacklisting

INSTRUCTION TO BIDDERS

Bidders are advised to carefully read the tender documents multiple times to avoid any confusion. It is also important to note that each tender document is unique, with its own set of conditions/specifications, due to which there may be changes in this document compared to previously issued tenders by the Corporation. So, it is advisable to read this document in its entirety and fill in bid accordingly.

1. TENDER PROCESSING FEE (TPF) & EARNEST MONEY DEPOSIT (EMD)

Tender processing Fee and EMD may be submitted combined and only on UTR receipt is to be uploaded.

[Ex. EMD Rs. 5000/- for equipment A, Rs. 4000/- per equipment B, Rs 3000/- for equipment C, Rs. 2000/- equipment D etc. and tender processing fee Rs. 5000/- if the bidder is quoted for equipment A and equipment C, then he will have to deposit Rs. 13000/- (ie 5000+ 3000+ 5000)] in case of EMD exemption only Tender Processing Fee has to be submitted.

1. The tender processing fee of ₹ 5,000/- has to be deposited by ALL the bidders.
2. There is no exemption from tender processing fee whatsoever.
3. Once a bid is submitted, then the tender processing fee is non-refundable.

EMD acts as a safeguard against bidder's withdrawing/altering its bid during the bid validity period. EMD (or Bid Security) is a must for all bidders, except for those exempted by competent authority in the government of Chhattisgarh. However, the bidder needs to provide sufficient documentary evidence in support of such claimed exemption at the time of tender document submission, to avail of the same.

Submission of Earnest Money Deposit

The EMD/Bid Security of **INR 17 Lacs /-** (INR Seventeen Lakhs only which should be deposited through online by e procurement system powered by NIC through website www.eproc.cgmsc.gov

The earnest money should be submitted by way of NEFT/ RTGS.

Details of Account for NEFT/RTGS Payment:

Account Name: **CGMSC Ltd Equipment Procurement Account**

Account No: **540901010050669**

Bank Name: **Union Bank of India, Shankar Nagar Branch, Raipur. CG**

IFSC/RTGS code: **UBIN0554090**

No exemption from payment of EMD is permitted. Tenders submitted without sufficient EMD, will be rejected.

The EMD shall be kept valid through the Bid Validity Period and may need to be extended, if so, required by CGMSCL.

CGMSCL will not be liable to pay any interest on EMD. EMD of pre- qualified but unselected Bidders shall be returned, without any interest, within 1 (one) month after grant of the Work Order or execution of the Contract to the Selected Bidder (whichever is later) or when the Selection Process is cancelled by CGMSCL. The Selected Bidder's EMD shall be returned, without any interest upon the Bidder accepting the Work Order or executing the Contract (whichever is later) and after furnishing the Performance Security in accordance with provision of the RFP and Work Order.

CGMSCL will be entitled to forfeit and appropriate the EMD as mutually agreed loss and damage payable to CGMSCL in regard to the RFP without prejudice to CGMSCL's any other right or remedy that may be available to CGMSCL under the Bidding Documents and/ or under the Agreement, or otherwise under the following conditions: (a) If a Bidder engages in a corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice as envisaged under this RFP (including the standard form of Work Order); or (b) If any Bidder withdraws its Proposal during the period of its validity as specified in this RFP and as extended by the Bidder from time to time; or (c) In the case of the Selected Bidder, if the Selected Bidder fails to accept the Work Order or execute the Contract or fails to furnish the Performance Security within the specified time limit; or (d) If the Bidder commits any breach of terms of this RFP or is found to have made a false representation to CGMSCL.

NOTE: Fund should be transferred through NEFT /RTGS from bidder's account. Non-compliance of the same shall lead to rejection of bid.

- **Refund of Earnest Money Deposit**

The EMD without interest shall be refunded when bidder is declared "not eligible" or "not selected" at any stage of tender evaluation.

- **Forfeiture of Earnest Money Deposit**

The EMD shall be forfeited in the following circumstances:

1. If any document / information provided by the bidder in support of its eligibility is found to be false or misleading or forged.
2. If the bidder withdraws from the bid after submitting the bid.
3. In case of any bidder who withdraws wholly or in part, after participating in the tender either fully or partially.
4. If the successful bidder fails to sign the contract after communication of being L1.

2. VALIDITY OF BID

The bid shall be valid for a period of **180 days** from the date of opening of Cover-A (Technical Bid).

3. CONTRACT SECURITY

Contract security acts as a safeguard against successful bidder's withdrawing/altering/breaching its contract during the contract period. The EMD of successful bidder(s) will be automatically treated as contract security, from the moment of declaration of successful bidder(s). If successful bidder(s) wishes to submit this contract security in the form of a BG/FDR, then they can do so and after submission of such equivalent value of BG/FDR, earlier deposited EMD amount shall be released by CGMSC. Contract Security shall be refunded /returned up to the extent of submission of performance guarantee against Purchase Order or after completion of contract period, whichever is earlier. If the successful bidder breaches/withdraws/alters obligations during contract period and or fails to furnish performance guarantee within the stipulated period after issuance of any purchase order, then contract security as available, shall be forfeited.

4. CLARIFICATION OF BIDDING DOCUMENTS

A prospective Bidder requiring any clarification of the Bidding Documents may notify the Purchaser in writing or by e-mail at the Purchaser's mailing address indicated in the Invitation for Bids. A pre-bid meeting is scheduled at CGMSC office, Nava Raipur on the date mentioned in tender notice.

The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised up to that stage. Tender inviting authority reserves the right to take decision on nature and extent of amendments required.

5. AMENDMENT IN BIDDING DOCUMENTS

At any time prior to the deadline for submission of bids, the ***Purchaser*** may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by an amendment. All such amendments will be made available on tender website.

In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bid, the Purchaser may, at its discretion, extend the deadline for the submission of bids.

6. TENDER PROCESS

The tender process will be of 3 cover system, consisting:

Cover – A: EMD, Tender Fee & Prequalification

Cover – B: Technical Bid (along with demonstration)

Cover – C: Price Bid

A. Requirements of Cover-A:

- **For Manufacturers**

a. Copy of RTGS/NEFT Receipt along with UTR Number for submission of tender processing fee and EMD / Proof regarding exemption of EMD (color scanned copy of original only).

b. General Information of the bidder with contact detail (As per Annexure-01)

c. List of items (including Main Equipment and Peripheral Equipment) for which bid is quoted (As per Annexure-02)

d. Scanned copy of original valid Manufacturing License (Self-declarations and/or other documents issued on basis of self-declaration alone, will not be treated as sufficient proof towards possession of valid manufacturing license) for item/items quoted.

e. Scanned copy of original valid Cert. (USFDA certificate/ European CE/ BIS or Certificates mentioned in technical specifications) issued by appropriate authority mentioning address of manufacturer.

f. Manufacturer's offer form as per Annexure-03 along with power of attorney (as per Annexure-05) in favor of signatory of above Manufacturer's offer form.

g. Details of nearest Authorized Service Center (As per Annexure-06).

h. Acceptance of all terms & conditions in all Sections of Tender document. (Declaration as per Annexure-07)

i. Bidder should submit duly filled & attested, Pre-contract Integrity Pact. (Annexure-08)

j. Turnover certificate as per Annexure-09 (UDIN is mandatory).

k. GST Registration certificate and copy of GST return of at least 01 month out of the last 03 months from the published date of tender.

- **<u>Note</u>: - In case the bidder is not registered under GST in Chhattisgarh at the time of bidding, Bidder must mandatorily submit an undertaking confirming that GST registration in Chhattisgarh will be obtained within 15 days of the award of the contract to the selected bidder. In case of non-compliance with the above conditions, appropriate penal action including imposition of penalties, blacklisting, and/or any other action as deemed fit by the Tender Inviting Authority (TIA) may be taken.**

l. Bank Details (Annexure-10)

m. Documents such as scanned copies of original purchase order(s) with proof of supply from user institutions showing that the bidder has previous experience of at least 03 years(for the years mentioned in Annexure-09) in the business of the supply and installation of same/similar equipment(s) category as offered.

x. Quoted items should have any of the following valid certficates (if applicable) :

- CDSCO license (or)
- USFDA (or)
- European CE with 4 digit notified body (or)

n. BIS approval

o. Other relevant certificates/documents (if applicable)

➢ **<u>For Authorized Distributors/100% Subsidiary</u>**

a. Copy of RTGS/NEFT Receipt along with UTR Number for submission of tender processing fee and EMD / Proof regarding exemption of EMD (color scanned copy of original only).

b. General Information of the bidder with contact detail (as per Annexure-01)

c. List of items (including Main Equipment and Peripheral Equipment) for which bid is quoted (As per Annexure-02)

d. Scanned Copy of OEM's valid manufacturing license/certificate (Self-declarations and/or other documents issued on basis of self-declaration alone, will not be treated as sufficient proof towards possession of valid manufacturing license), & scanned copy of original valid Cert. (USFDA certificate/ European CE/ BIS or Certificates mentioned in technical specifications) issued by appropriate authority mentioning address of manufacturer.

e. Manufacturer's Authorization form (as per Annexure-04)

f. Details of nearest Local/Authorized Service Center (as per Annexure-06).

g. Acceptance of all terms & conditions in all Sections of Tender document. (Declaration as per Annexure-07)

h. In case of 100% subsidiary company, CA/CS certificate (having UDIN) confirming 100% subsidiary status (Annexure-11)

i. Bidder should submit duly filled & attested, Pre-contract Integrity Pact. (As per Annexure-08)

j. Scanned Copy of Import Export Certificate.

k. Turnover certificate as per Annexure-09 (UDIN is mandatory).

l. GST Registration certificate and copy of GST return of at least 01 month out of the last 03 months from the published date of tender.

m. Bank Details (Annexure-10)

n. Documents such as scanned copies of original purchase order(s) with proof of supply from user institutions showing that the bidder has previous experience of at least 03 years (for the years mentioned in Annexure-09) in the business of the supply and installation of same/similar equipment(s) category as offered**.**

o. Self-declaration as authorized for this tender as per Annexure-12 (Indicate Item name and model too).

p. Other relevant certificates/documents (if applicable)

xi. Quoted items should have any of the following valid certficates (if applicable) :

- CDSCO license (or)
- USFDA (or)
- European CE with 4 digit notified body (or)
- BIS approval

NOTE:-

1. Any document which requires CA/CS certification should contain UDIN
2. Clear color Scanned copies of original documents are to be uploaded in PDF format only. No other format will be entertained in any manner whatsoever.
3. Self-attested copy of English translation must also be uploaded along with relevant document with respect to all the documents having language other than English/Hindi.
4. Based on documents submitted/uploaded by bidder on E-procurement site, Cover A will be evaluated & a DAWA APATTI (Claims& Objections) notice will be published on CGMSC WEBSITE for clarification from ineligible bidders. The clarification by bidder can be submitted in email: equipment.cgmsc@gov.in; or by letter to TIA till stipulated date & time mentioned in the DAWA APATTI notice. It must be noted that no new documents will be accepted/ replaced in any manner whatsoever. Only clarification letter or responses against historical documents may be accepted.

   *** Note:-** Historical document: - During the clarification stage, bidders may be permitted to submit historical documents only. Historical documents shall mean those documents which were in existence prior to the bid submission deadline and support the information already submitted in the bid. No new document that changes the qualification status of the bidder shall be accepted after bid submission.

B. <u>Requirements of Cover B:</u>

a. Make and model of the equipment (mandatory)

b. Brochure/Leaflet/Literature/Manual

c. Technical data sheet of the model quoted (required parameters highlighted by marker)

d. US-FDA/CDSCO/Other relevant Certificates mentioned in eligibility criteria/Specification of tender document indicating Quoted Model.

e. Valid CPCB Clearance/AERB clearance or any other statutory certificate for Item (Model)quoted as

necessary (Whether asked or not in bid document) (if applicable)

f. Product specification in specified column of Annexure–13. Suppliers/Bidders have to give technical compliance statement for each clause of tender specification in the form of Yes or No. Any deviation should also be mentioned clearly in the tabular form. Bidders should avoid writing words/phrases like, 'As per compliance', 'complied/comply', 'as per tender specification' or copy and pasting of tender specification as it is without mentioning any deviation (If any).

g. Supplier must specify clearly on their OEM letter head whether the equipment is open/closed system (This is for information only).

h. In case of any extra/additional features (as compared to specifications asked for in the tender) and/or uses of the equipment, they may be separately mentioned. However, no separate/extra cost considerations will be allowed for them.

Note: -

1. Physical verification of equipment will be part of technical evaluation, only satisfactory items will be considered for price bid/financial offer.
2. **Scanned copies of original documents are to be uploaded in PDF format only.**

C. <u>Requirements of Cover C:</u>

a. Ultimate cost to the purchaser with break-up (to be filled online) as per Annexure-14 Part A & C.

b. L1 will be decided by calculation according to basic rates of all the items mentioned in price sheet format.

c. Price Bid has to be submitted as per BOQ format filled up with all the details including Make, Model etc. of the goods offered.

d. All bidder are requested to visit the consignee sight for any site related assistance before quoting their bid.

e. Cost of Essential Consumable/ Accessories: The supplier should draw up a cost of high usage and high value item/components and Essential Consumable/ Accessories along with estimated quantities of usage in the initial period of the operation. The Essential Consumable/ Accessories, unit price and quantities shall be submitted by the bidder and indicated separately.

f. Essential accessory for operating the equipment must be mentioned clearly in technical bid Annexure-14(Part B) and its rate must be included in the rates of the equipment in price bid. If no mention of such essential accessories is made in Annexure-14 (Part B) it will be presumed that the cost of essential accessories is included in price bid and they cannot be introduced nor will be entertained, anytime in the future.

g. If the basic price and/ or CMC are/is left blank, then the price bid will not be considered for evaluation and will lead to rejection.

h. If offered value of CMC is less than or equal to one, then on completion of warranty period, the equipment shall by default enter into CMC without executing any agreement either by CGMSCL or by user institution.

Note:

1. Annexure -14 Part-A, B&C are mandatory for all equipment. If Annexure -14 Part A, B & C found to be empty as per above condition, price bid will be treated as Invalid.
2. Final value for price evaluation shall be decided on the basis of basic rate of equipment and CMC rates.

<u>Rate Matching</u>

This measure is to ensure continuity of supply, in case of non-performance by L1. When L1 has been discovered, all eligible bidders will be allowed to match L1 rates, within a period of 10 days of such discovery being made public. Such matching by non-L1 eligible bidders does not guarantee any supply order(s) to them. Only in the event of L1

failing to perform supply obligations as per tender, TIA may cancel such order to L1 (and initiate proceedings against such L1, as per tender terms) and place same order to next chronological Ln who offered to match L1 rate, as above mentioned (n=02,03,04, 05…….)

Note: The list of documents mentioned above is only indicative in nature; the bidder should upload all other documents which may be asked by the TIA. Color Scan copy of original documents is to be uploaded in PDF format only in specific template available in tender website.

Evaluation Process

The bidders meeting all criteria of Cover A will be qualified for evaluation of Cover B (Technical Bid). Price bid Cover C (of qualified bidder) will be opened only for those items of any bidder that are deemed satisfactory and responsive during technical evaluation and physical demonstration at purchaser's site or bidder's site as deemed suitable. Price comparison will be done on basis of final value that includes cost of equipment, CMC as per Annexure-14.

Infirmity/Irregularity/Non-Conformity

If during the preliminary examination, the purchaser finds any minor informality and/or irregularity and/or non-conformity in a tender, the purchaser may waive the same provided it does not constitute any material deviation and financial impact and, also, does not prejudice or affect the ranking order of the bidders. Wherever necessary, the purchaser will convey its observation on such 'minor' issues to the bidder by registered/speed post/website notification etc. asking the bidder to respond by a specified date. If the bidder does not reply by the specified date or gives evasive reply without clarifying the point of issue in clear terms, then that bidder shall be rejected.

7. AWARD OF CONTRACT

Award Criteria

Purchaser shall award the Contract to the qualified Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, subject to the bidder agreeing to all terms and conditions of the tender.

Note:

No bidder shall try to influence the Purchaser on any matter relating to its bid, from the time of the bid opening till the time the contract is awarded. Any effort by a bidder to modify his bid or influence the purchaser in the purchaser's bid evaluation, bid comparison or contract award decision shall result in the rejection of the bid, in addition to other applicable legal liability.

Purchaser's right to accept any bid and to reject any or all bids:

The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.

Issue of notification of award

The issue of Notification of Award shall constitute the intention of the Purchaser to enter into contract with the bidder. Prior to the expiration of the period of bid validity; the Purchaser will notify the successful Bidder in writing by e-mail and/or by Post. The bidder shall, within 10 days of issue of the Notification of Award; given his acceptance along with

agreement document (which itself must be in conformity with the bid document). In case the bidder is not willing to unconditionally accept the contract within the specified timeframe, the EMD submitted will be forfeited.

8. PERFORMANCE GUARANTEE

1. Performance guarantee acts as a safeguard against unsatisfactory performance or violation of contract by the supplier. Performance guarantee shall be solicited from all successful bidders. Performance guarantee shall be an amount of (three) 3% of the PO value in the form of BG/FDR/NEFT/RTGS.
2. (A) Performance guarantee is to be furnished within 21 days from the date of receipt of the Purchase order and it should remain valid for a period of 180 days beyond the date of completion of all contractual obligations of the supplier, including warranty.

   (B) If CMC is executed (when the user demands) then a separate performance guarantee is to be furnished on annual basis within 21 days from the date of receipt of the work order and it should remain valid for a period of 180 days beyond the date of completion (of all contractual obligations of the supplier) of the CMC.
3. Performance guarantee will be forfeited and the supplier will be black listed if the supplier is found to be not providing services of Bi-annual preventive maintenance and SOS breakdown during warranty and CMC (if CMC is executed by user department). Copy of all preventive maintenance certificates must be submitted in timely manner to User Department (for warranty period definitely and for CMC, if executed) and as and when asked by CGMSCL (for warranty period only).
4. In case of consumables if purchase order is raised, then the supplier shall furnish a security deposit for (three)3% of the purchase order value within 21 days from the date of receipt of the purchase order and it should remain valid for a period of 180 days beyond contractual obligations.
5. If Performance guarantee/Security deposit not submitted within 21 days of receiving of purchase order/work order than the purchase order/work order shall be automatically cancelled and an amount of (three) 3% of the value of cancelled work/purchase order shall be forfeited from the existing EMD/SD.
6. In case of breach of contract by the supplier, the performance guarantee is to be forfeited. If the supplier duly performs and completes the contract in all respects, then the performance guarantee without any interest shall be returned to the supplier, on completion of all such obligations under the contract.

9. WARRANTY/DEFECTS LIABILITY PERIOD

1. The Supplier shall indicate clearly the free guarantee maintenance of the whole system including essential accessories supplied and the same should not be less than 05 (Five) years.
2. The supplier shall warrant comprehensively that the equipment supplied under the contract is new, unused and incorporate all recent improvements in design and materials. All losses due to defects resulting from faulty design, materials and workmanship during the warranty period 05 years shall be compensated by the supplier.
3. In case of any defects detected in items under warranty, the users shall notify TIA/supplier about the same. TIA/user shall promptly notify the supplier in writing for any claims arising from such defects. The complaint shall be attended in 48 hrs remotely/with site visit. The defect/breakdown should be repaired/rectified as soon as possible ensuring 95% uptime annually (Maximum 18 Days downtime allowed).
4. During the period of warranty and Comprehensive Maintenance Contract, the supplier shall replace all defective parts of the equipment and its accessories and attend to all repairs/break downs. The cost of all spare parts and other

expenditure for all replacements has to be borne by the supplier during this period.

5. It is mandatory to provide warranty certificate as per Annexure-19. No other format will be accepted / entertained.
6. The cost of labor for all repairs/ and all spares required for replacement during repairs which forms part of the equipment system, without which it cannot perform satisfactorily.

a. OTHER IMPORTANT INSTRUCTIONS

1. The purchaser shall have all rights to modify, add, subtract any term(s) and condition(s) of the tender during any time of tender process, which shall be communicated to the bidder online.
2. No modification should be done by the bidder in the name of item, and in the specifications / grade / quality / packing of the item given in the enquiry document. All information asked / required including specification available in offered models should be mentioned clearly. Additional specifications / features if any available in the offered models shall be provided in Annexure-13
3. The place of supply shall be given in the purchase order by the purchaser to the bidder after award of tender to the bidder.
4. The demonstration shall be conducted post technical evaluation of the bids, only for those bidders who are found technically responsive. The demonstration will be carried out at the site where the equipment is already installed and operational, as informed by the bidder or as mutually finalized with the purchaser. Training will be conducted yearly twice for each consignee under warranty period. Associated costs such as travel,accommodation, and training materials are to be included in the quoted price. After Installation the bidder should demonstrate the working of all LMO PLANT & MGPS System by full filling of LMO in LMO plant & will give demonstration to authorised person(Civil Surgeon/CMHO/Hospital In-charge) at Consignee Site.
5. Apart from the penal actions mentioned in the conditions of contract, if the successful bidder fails to undertake the contract, the bidder is liable for all damages sustained by CGMSC by reasons of breach, including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned.
6. Successful bidder must provide training to Staff from time to time during warranty period. Periodic maintenance must be done on Bi-annual preventive maintenance and SOS breakdown. One copy (each) of maintenance report must be submitted to user department/BME & as and when required by CGMSC.
7. If any item(s) supplied by the bidder have been partially or wholly used after supply and are subsequently found to be in bad order, unsound, inferior in quality or description or otherwise faulty or unfit for usage, then the contract price or prices of such item(s) shall be recovered from the bidder, if payment has already been made to him.
8. Bidders are advised and required to go through Annexure-24, for guidance regarding online filling and submission of tender documents.
9. Supplier shall submit an undertaking (in bidder's letter head) for the uninterrupted supply of adequate spares Parts/Accessories/Consumables for at least a period of 10 years.
10. Samples submitted / demonstrated by eligible bidders will be evaluated by a technical committee. Only selected samples/models will be considered for price comparison and further process. The successful bidder has to supply

items exact to the samples submitted / demonstrated. In case of the demonstration of item is to be done at bidder's site, all travel and accommodation of technical team will be arranged and borne by the bidder.

11. In case the equipment/item installed by the bidder does not meet the specifications of quoted equipment/item, the purchaser shall have all rights to cancel the equipment/item's purchase order, and the bidder shall be responsible to take back the installed equipment/item at his/her own cost after getting the order from purchaser.
12. The supplier has to ensure minimum bi-annual preventive maintenance and SOS breakdown of supplied items up to completion of warranty/CMC period at no extra cost.
13. In all the above conditions the decision of the TIA or any officer authorized by TIA shall be final and binding.
14. If the supplier fails to give demonstration on dates given/ intimated by CGMSC, bid for non-demonstrated item maybe rejected.
15. Tender Inviting Authority will be the final authority for any changes in tender terms.

b. Blacklisting:

1. **Any bidder who withdraws his bid after last date of bid submission in any manner, either fully or partially, will be liable to be blacklisted in respect of the item(s) withdrawn, for a period of 03 years from the date of issuance of such blacklisting order by CGMSC, in addition to forfeiture of the security deposit/EMD and other legal liabilities.**
2. Any bidder, who submits false, forged or fabricated documents or conceals facts with intent to win over the Bid or procure purchase order then they shall be liable for blacklisting for a period of 03 years. The bidder will also be liable for other legal action depending upon the facts & circumstances of the case.
3. Any successful bidder after declaration as L1 Bidder or after entering into an agreement with CGMSCL, withdraws or fails to honor commitments as per bid conditions, then Performance guarantee of such bidder will be forfeited and they shall be liable for legal action in respect of such item(s).
4. If any supplier after supplying and installing the ordered quantity, fails to provide after-sales service and/or maintenance during warranty and CMC period as per tender conditions, then performance guarantee of such supplier will be forfeited. The expense of the maintenance (for the period they were committed to, as per the tender clauses) shall also be recoverable from them.
5. **In case a supplier/bidder is blacklisted for any reasons, then it will be responsibility (arising out of Annexure 04) of the OEM (in case of Indian Manufacturer) or the Indian Affiliate of OEM (in case of Imported Equipment) to provide repair services, maintenance and parts during warranty and CMC period, as per tender terms and conditions. If it fails to discharge such responsibility then it will lead to blacklisting of the responsible entity for 03 years.**
6. Purchase orders, if any, already issued before taking any blacklisting action or orders given in past will not be affected in view of action taken to blacklist, but all strict quality checks shall be observed for each supply of products.
7. The blacklisting of particular product or company/firm will be done without prejudice to other penalties which may be imposed as per the conditions of Tender documents and also to other actions which may be initiated under any

other law of the land. CGMSC will display names of such blacklisted product(s) and company/firm on its website and also circulate the same among other State government/Central government and its equipment procurement agencies, including respective Govt./regulatory stakeholders where the company or firm is located.

Procedure for Blacklisting

1. Before Blacklisting, a show cause notice shall be issued to the supplier calling for explanation. In case of non-reply within timeframe specified in such notice, or in case of unsatisfactory reply, then the Managing Director, CGMSCL may take appropriate action on merits of the case and impose penalty, including blacklisting.
2. If a particular equipment of the supplier has been blacklisted, the supplier is not eligible to participate in any of the tenders for that particular equipment floated by the CGMSC until the period of blacklisting is over.
3. If a supplier company/firm is blacklisted according to the procedure stated above, such supplier is not eligible to participate in any of the tenders floated by the CGMSCL until the period of blacklisting is over.
4. In all the cases, decision of the Managing Director CGMSC Ltd will be conclusive and final and binding on the suppliers.

In all the above conditions the decision of the TIA or any officer authorized by TIA shall be final and binding.

Section III

CONDITIONS OFCONTRACT

TABLE OF CLAUSES	
Clause No.	**Clause Name**
1.	Definitions
2.	Standards
3.	Use of Contract Documents and Information
4.	Patent Rights
5.	Inspection and Tests
6.	Packing
7.	Supply Conditions
8.	Liquidated Damage
9.	CGMSC Logo & Equipment Identification Sticker Packaging Details
10.	Delivery & Documents
11.	Training
12.	Transportation, Insurance
13	Payment Terms
14.	Prices
15.	Changes in Orders
16.	Force Majeure
17.	Termination for Default
18.	Termination for Insolvency
19.	Termination for Convenience
20.	Resolution of Disputes
21.	Jurisdiction
22.	Governing Language
23.	Notices
24.	Taxes and Duties
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26.	Comprehensive Maintenance Cost
27.	After Sales and Service Conditions
28.	Penalty for Service During Warranty/CMC Period
29..	Fall Clause

CONDITIONS OF CONTRACT

1. DEFINITIONS

In this Contract, the following terms shall be interpreted as indicated:

(a) "**The Purchaser**" means the Chhattisgarh Medical Services Corporation Limited (CGMSC), the organization purchasing the Goods.

(b) "**The Bidder/Tenderer**" means the individual or firm who participates in the tender and submits its bid.

(c) "**Days**" means calendar days.

(d) "**CC**" means Conditions of Contract.

(e) "**The Supplier**" means the individual or firm supplying the goods and Services under the contract.

(f) "**The Goods**" means all equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the contract.

(g) "**Services**" means services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract.

(h) "**End User**" means the consignees stated in the Schedule of Requirements.

(i) "**The Notification of Award**" means the intention of the Purchaser to place the Purchase order on the bidder or to enter in to contract with the bidder.

(j) "**The Contract**" means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, including all the attachments and the appendices thereto and all documents incorporated by reference there in.

(k) "**The Contract Price**" means the price payable to the Supplier under the contract for the full and proper performance of its contractual obligations.

(l) Bidders should be in possession of valid Digital Signature Certificate (DSC) of class III for online submission of bids. Prior to bidding, DSC need to be registered on the website mentioned above.

2. STANDARDS

The goods supplied under this contract shall conform to the standards prescribed in the Technical Specifications mentioned in Annexure-27 and when no applicable standard is mentioned, then conform to the authoritative standard appropriate to the Goods' Country of origin and such standards shall be latest issued by concerned Institution.

3. USE OF CONTRACT DOCUMENTS AND INFORMATION

The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and

shall extend only as so far as may be necessary for purposes of such performance.

4. PATENT RIGHTS

The supplier shall 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.

5. INSPECTIONS AND TESTS

The Purchaser or his representative shall have the right to inspect and test the goods as per prescribed test schedule for their conformity to the specifications. **Where the Purchaser decides to conduct such tests on the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance like Testing instruments and other test gadgets shall be furnished to the inspectors at no charge to the purchaser.**

6. PACKING

The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in theContract.

Packing Instruction: The supplier will be required to mark separate packages for each consignee. Each package will be marked on three sides with proper paint/indelible ink, the following:

i. Purchaser :
ii. Contact No. :
iii. Supplier Name :
iv. Packing List Reference Number :

7. SUPPLY CONDITIONS

The completion date of the project will be 120 Days from the Date of Site Approval by Hospital authority.

8. LIQUIDATED DAMAGE

The entire ordered quantity shall be supplied (installed and commissioned)within 120 days from the Date of Site Approval by Hospital authority Goods supplied after the above stipulated date i.e., 120 days will be liable for "Liquidated Damage".

S.N.	Delivery Schedule within	% of LD
1	For Ordered quantity supplied: 120 **days** from the date of purchase order,	**0%**
2	For ordered quantity supplied between 121 **to 150 days**	**0.1%** per Day
3	For ordered quantity supplied between 151 **to 180 days**	**0.2%** per Day

Upon completion of 180 days from the date of issue of purchase order, such purchase order shall be deemed to be cancelled to the extent of unexecuted quantity, with penalty charge of 20% of unexecuted quantity value. This amount of penalty shall be recovered from performance guarantee submitted by the supplier. If the amount exceeds the performance guarantee, a notice shall be issued to the supplier to furnish the remaining amount and if supplier fails to do so within 30 days of issuing such notice to supplier, then the firm shall be ineligible to participate in any further tender(s) of CGMSCL, until such time as it furnishes the remaining amount.

9. CGMSC LOGO & EQUIPMENT IDENTIFICATION STICKER PACKAGING DETAILS

The equipment should be properly packed to protect the equipment during transport and transit storage. Colored, Waterproof, Non-detachable logo having Equipment and other details (As per **ANNEXURE-18)** must be printed (not handwritten) & affixed on every supplied equipment**.** If logo is not found affixed as per prescribed format & printed, then penalty@ 0.1% of the equipment cost or ₹ 1000 per quantity (whichever is higher) will be applicable.

10. DELIVERY AND DOCUMENTS

Before delivery of the Goods, the Supplier shall notify the Purchaser through dispatch entry under supplier login in EMIS Portal (www.cgmsc.gov.in/EMS/) and deliver physically the following documents to the End user, as well as to the Purchaser for payment purpose. (If any document is found to be incomplete /unavailable then payment will be kept on hold until the document is completed and submitted).

i. Three Originals and three copies of the Supplier's invoice, showing Purchaser, the Purchase Order number, Goods, description, quantity, unit price, GST rate, total amount and GST number of Purchaser and Supplier. Invoices must be signed in original and stamped or sealed with the company stamp/seal;

ii. At least three-color photographs (4x6inches) each showing the following:
   a. Equipment with user at installation site.
   b. Model and Serial Number of supplied/installed item.
   c. Equipment with logo & Equipment identifications sticker (Annexure-18)
   d. During training of staff.

iii. Three copies of delivery note showing Purchaser as Chhattisgarh Medical Services Corporation Limited (enter correct name of Purchaser for GST purpose) and delivery to final destination as stated in the Contract;

iv. Copy of the Insurance Certificate. (Transit insurance till installation is to be provided by the bidder)

v. Three copies of the packing list identifying contents of each package;

vi. Country of Origin Certificate for Imported goods.

vii. One original of the manufacturer's/ OEM's Indian affiliate Warranty certificate covering each items supplied.

viii. **Deleted.**

ix. Calibration certificate (for applicable equipment) as per Annexure-17

x. In-house QA/QC Pass/ Tested Ok Certificate.

xi. One copy of Invoice should be submitted at head office and two copies of invoice at the point of delivery with goods.

xii. Invoice should be raised in the name as, CGMSC and consignee name address should be mentioned in the invoice.

xiii. Bidder should submit service manual, operating manual, calibration certificate, and blank log book for Documenting equipment use and maintenance.

xiv. **It is mandatory to provide warranty certificate in OEM/Indian Affiliate of OEM letter head (mentioning the equipment supplied is new and un-used in all aspect) as per Annexure-19. No other format will be accepted/ entertained**.

11. TRAINING

The supplier shall demonstrate and provide training on use and maintenance of the Equipment/Items to the consignee's/purchaser's personnel free of cost at least 6 times within a period of 3 year from the date of installation. The supplier shall provide all types of training material and related documents during and after training.

12. TRANSPORTATION, INSURANCE

Where the Supplier is required under the Contract to transport the Goods to a specified place of destination, defined in Consignee list, transport to such place of destination, including insurance and storage, as shall be specified in the Contract, shall be arranged & Borne by the Supplier, or related costs shall be included in the Contract Price.

13. PAYMENT TERMS

a) Payment shall be made against submission of "Installation and Acceptance Certificate" of goods to be issued by the End User subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise. "Installation and Acceptance Certificate" need to be issued by the concerned End User after installation, commissioning, testing and successful trail run (if applicable).

b) The payment for turnkey/ Civil/Electrical/Air-Conditioning Works shall also be made on submission of the "Installation and Acceptance Certificate" by the End User.

c) (i) 70% of the contract shall be paid upon delivery of complete items at site, subject to inspection and acceptance by the concerned authority.
(ii) 20% on satisfactory takeover certificate by the client after installation, testing and commissioning of LMO & MGPS System, and
(iii) 10% after successful completion of a 30-day trial run from the date of handover.

d) The consignee will enter CAMC with the supplier at the rates as stipulated in the contract.

e) The supplier shall not claim any interest on payments under the contract.

f) Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.

g) The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date.

h) While claiming payment, the supplier is also to certify in the bill that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that, payment has been fulfilled as required under the contract.

i) While claiming reimbursement of duties, taxes etc. (like GST, Custom Duty etc.) from the Purchaser, as and if permitted under the contract, the supplier shall also certify that, in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, the supplier shall refund to the Purchaser forthwith.

14. PRICES

a) Prices charged by the supplier for goods delivered and services performed under the contract shall not be higher than the prices quoted by the Supplier in his Bid.

b) In the case of revision of Statutory Levies/Taxes during the finalization period of tender, the Purchaser reserves the right to ask for reduction in the prices.

c) Prices once fixed will remain valid during the contract period. Increase of Taxes and other statutory duties will not affect the Basic price during this period.

d) Any increase in taxes and other statutory duties/levies after the expiry of the delivery date shall be to the supplier's account. However, benefit of any decrease in these taxes/duties shall be passed on to the Purchaser by the supplier.

15. CHANGES IN ORDERS

a) The purchaser may, at any time, by a written order given to a supplier, make changes within the general scope of the contract in any one or more of the following:

i. Drawings, designs or specifications, where Goods to be supplied under the contract are to be specifically manufactured for the Purchaser;

ii. The method of transportation or packing;

iii. The place of delivery; or

iv. The services to be provided by the supplier.

b) If any such change causes an increase or decrease in the cost of, or the time required for the execution of the contract, an equitable adjustment shall be made in the contract price or delivery schedule, or both, and the contract shall accordingly be amended. Any proposal by the supplier for adjustment under this clause must be made within thirty days from the date of the receipt for change.

16. FORCE MAJEURE

The Supplier shall not be liable for forfeiture of its performance guarantee, liquidated damages, penalty or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this clause, "Force Majeure" events mean riots, mutinies, wars, fire, storm, tempest or other exceptional natural calamity events. The time for supplying the equipment may be extended by the CGMSC Ltd., at discretion for such period as may be considered reasonable. However, such extension shall be considered only if a specific written request is made by the supplier within 10 days from the date of occurrence of such event with necessary documentary evidence. The exceptional events do not include the Scarcity of raw material, Increase in the cost of raw material, Electricity failure, breakdown of machineries, Labor disputes/Strikes, Insolvency, transportation issues and Closure of the Factory/Manufacturing unit on any grounds except as above mentioned Force Majeure events , etc..

Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

16. TERMINATION FOR DEFAULT

a. The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the Contract in whole or part;

i. if the Supplier fails to deliver any or all of the goods within the time period(s) specified in the purchase order.

ii. if the Supplier fails to perform any other obligation(s) under the Contract; or

iii. If the supplier, in the judgment of the **Purchaser,** has engaged in fraud and corruption, as defined in tender clause, in competing for or in executing the contract.

b. In the event the Purchaser terminates the Contract in whole or in part, pursuant to tender conditions, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods. However, the Supplier shall continue the performance of the Contract to the extent not terminated.

17. TERMINATION FOR INSOLVENCY

The ***Purchaser*** may at any time terminate the Contract by giving written notice to the Supplier, if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the ***Purchaser***.

18. TERMINATION FOR CONVENIENCE

(a) The ***Purchaser***, may by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the ***Purchaser***'s convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective.

(b) The Goods that are complete and ready for shipment within 30days after the Supplier's receipt of notice of termination shall be accepted by the ***Purchaser*** at the Contract terms and prices. For the remaining Goods, the ***Purchaser*** may elect.

(i) To have any portion completed and delivered at the Contract terms and prices; and/or

(ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

19. RESOLUTION OF DISPUTES

1. The Purchaser and the supplier shall make every effort to resolve any disagreement or dispute arising between them under or in connection with the Contract.
2. In case of a dispute or difference arising between the CGMSC Ltd., and a supplier relating to any matter arising out of or connected with this agreement, such dispute or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The venue of arbitration shall be Raipur.

APPEAL: Any tender aggrieved by the order passed tender accepting authority may appeal to Principal Secretary/Secretary Health, Govt. of Chhattisgarh within 30 days of receipt of order and Principal Secretary/Secretary Health shall dispose the appeal as early as possible. No appeal shall be preferred while the tender is in process and until tender is finalized and Notification of Award is issued by CGMSC Ltd.

20. **JURISDICTION**

1. In the event of any dispute arising out of the tender such **legal and quasi-judicial** would be subject to the jurisdiction of the Civil Court within the city of Raipur and High Court of Chhattisgarh only.
2. The bidders will have to expressly declare that they would only pursue legal remedies in Raipur.
3. Any civil court case/labour court case/MSME facilitation Council, Arbitration and Conciliation, Jurisdiction place within the City Raipur and High Court of Chhattisgarh only.

21. GOVERNING LANGUAGE

The contract shall be written in English language. All correspondence and documents pertaining to the Contract which are exchanged by the parties shall be written in the English / Hindi language.

22. NOTICES

For the purpose of all notices, the following shall be the address of the ***Purchaser*** and Supplier.

Purchaser:

CHHATTISGARH MEDICAL SERVICES CORPORATION LTD.

Commercial Complex, Sector -27, North West Corner, Atal Nagar, Nava Raipur (C.G.) – 492018

Website:www.cgmsc.gov.in,email:equipment.cgmsc@gov.in&cgmsc.ltd@gov.in&md.cgmsc@gov.in

Supplier: To be filled during contract signing

23. TAXES AND DUTIES

Suppliers shall be entirely responsible for all taxes, duties, license fees, road permits, etc., incurred until delivery of the contracted Goods to the ***Purchaser***.

24. FRAUD AND CORRUPTION

(a) If the Purchaser determines that the Supplier has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Purchaser may cancel the contract after giving 7days notice to the Supplier.

(b) For the purposes of this Sub-Clause:

(i) "Corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

(ii) "Fraudulent practice" is any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) "Collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

(iv) "Coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(v) "Obstructive practice "is

1. deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a purchaser investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
2. Acts intended to materially impede the exercise of the purchaser's inspection and audit rights provided for under tender Clause [Inspections and Audits].

(c) Notwithstanding the clause above, should any employee of the Supplier be determined to have engaged in corrupt, fraudulent, collusive, coercive or obstructive practice during the purchase of the Goods, then that employee shall be removed.

25. COMPREHENSIVE MAINTENANCE CONTRACT (CMC)

CMC will be applicable from 6th to 10th year of commissioning of equipment and payment of CMC will be executed by the user department only. For this, consent will also be required from the user end.

1. The Supplier shall indicate clearly the free guarantee maintenance of the whole system including essential accessories supplied and the same should not be less than 05 years.
2. The Bidder/Supplier/OEM shall also indicate separately, post guarantee maintenance cost of the entire system for 05 years, subsequent to free maintenance period and shall clearly indicate year wise maintenance cost, cost of spares required for each year, in addition to comprehensive maintenance charges.
3. If the basic price and/CMC is left Blank, then the price bid shall not be considered for evaluation and leads to rejection.
4. If offered value of CMC is less than or equal to one, then on expiry of warranty period, the equipment shall by default enter into CMC without executing any agreement either by CGMSCL or by user institution.
5. Failure/refusal on the part of the successful bidder supplying/installing the equipment to enter into CMC with the Tender Inviting Authority/User Institution, at the end of the Comprehensive Warranty Period, if the Tender Inviting Authority or the User Institution, as the case may be, desires so, shall lead to forfeiture of performance guarantee and he would be debarred/blacklisted as per relevant Blacklisting clause(s)under instructions to bidders (section-II).
6. Further if the Bidder/Supplier/OEM fails to provide satisfactory service during CMC period, security deposit shall be forfeited and may also result in the blacklisting/debarring as per relevant Blacklisting clause(s) under instructions to bidders (section-II).
7. For this purpose, satisfactory service would mean: -
   a. Attending to complaint within 48 hours of lodging the complaint.
   b. Ensuring repair / replacement of defective parts and making the equipment operational as soon as possible to maintain 95% uptime annually.
   c. Providing **Minimum Bi-annual preventive maintenance and SOS breakdown** visit & also

ensuring proper report submission and coordination with the user department.

8. Uptime guarantees of 95% (maximum 18 days downtime) shall be maintained annually of the equipment during warranty and CMC period.
9. The payment of the agreed CMC charges will be twice in a year after satisfactory completion of work, on receipt of service report/break down report from user.
10. The CMC rate offered in the price bid shall include all such components and accessories that are essential (from the perspective of technical specifications mentioned in the tender) for the full and steady functioning of the equipment, whether or not the bidder has indicated it separately in the relevant portion of the price bid.
11. The CMC rate is not required for routine hospital furniture items.
12. If supply order is not issued for any component or accessory, taken for evaluation in the Price Bid, the CMC rate will be reduced by the corresponding percentage of the excluded item. If supply order is issued for any component or accessory, not taken for evaluation in the Price Bid, then the CMC rate will be added by the corresponding percentage of the included item. The unit rate without GST will be taken for arriving at the percentage.
13. In case of HVAC such as air conditioners, HEPA filters etc. done as part of turnkey works, the CMC rate offered shall be inclusive of the cost of maintenance of the air conditioners supplied as part of the turnkey contract.
14. During CMC, supplier should cover& repair all parts including but not limited to, essential spare parts like O2 Cell, Sensor, Batteries, Probes, Hydraulics etc. needed for the successful and satisfactory, performance and functioning of the equipment.
15. Supplier shall also guarantee regular and timely supply of all the spare parts required for the normal working of the item at a cost not exceeding the cost of such a part charged to any other Government organization.
16. Supplier has to submit acknowledged reports of the preventive and breakdown maintenance during CMC, to user within 48 hours of visit.
17. The cost of labor for all repairs/ and all spares required for replacement during repairs including X ray tubes, mono block, image intensifier, HT Cable, Helium for MRI, all kinds of 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 alongwiththeequipment'slikestabilizer,UPS,AC,Computer,Compressor,Monitor, etc., which forms part of the equipment system, without which it cannot perform satisfactorily.

Note: For CMC to be executed, a consent shall be required from user institution before the ending of warranty period and starting of CMC.

26. AFTER SALES SERVICE CONDITIONS

1. The corporation attaches paramount importance to the after sales service of the equipment installed to ensure smooth operation afterwards. Supplier is required to undertake preventive maintenance and attend to all repairs, if any, that may arise during the warranty period free of cost and thereafter for additional period mentioned in the Conditions of Contract (Section III).
2. The after sales terms and conditions will be strictly enforced to the Supplier to support the Tender Inviting Authority in its endeavor to provide trouble free operation/ performance of the equipment for the prescribed period.
3. The after sales service shall be performed during the warranty and Comprehensive Maintenance Period (CMC), if awarded. The detailed terms and conditions for after sales service are mentioned hereunder: -

    a. In case of any breakdown call and service call during warranty/CMC, the service engineer must visit the site within 48 hrs. to attend the breakdown call/ service call and repair/replace defective part as soon as possible. After service/ rectification of equipment, the service Engineer/Technician should submit report to user department.
    b. Failure to provide satisfactory service during or after the warranty period and CMC will lead to legal actions on the Supplier after issuing due notice and providing opportunity for being heard. For this purpose, satisfactory service would mean: -
        1. Attending to complaint within 48 hours of lodging the complaint.
        2. Ensuring repair / replacement of defective parts and making the equipment operational as soon as possible to maintain 95% uptime annually.
        3. Providing **Minimum Bi-annual preventive maintenance and SOS breakdown** visit & also ensuring proper report submission and coordination with the user department.
    c. It will be the sole responsibility of the Supplier to provide service and maintenance of the equipment which are under warranty/CMC. The execution of after sales service conditions mentioned in the tender by the supplier shall be monitored by the Tender Inviting Authority. Bidders shall provide all sort of after sales support and cooperation to the third-party maintenance service (if available) provider as per the tender conditions, if requested/required by the Tender Inviting Authority.
    d. During warranty, Supplier should cover & repair all parts needed for the satisfactory performance and functioning of the equipment.
    e. An uptime guarantees of 95% (maximum 18 days downtime) shall be maintained annually of the equipment during warranty and CMC period.
    f. The cost of labor for all repairs/ and all spares required for replacement during repairs including X ray tubes, mono block, image intensifier, HT Cable, Helium for MRI, all kinds of 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 alongwith the equipment's like stabilizer, UPS, AC, Computer, Compressor, Monitor, etc., which forms part of the equipment system, without which it cannot perform satisfactorily.

g. There should not be any exclusion of warranty for any spare parts except consumables. Any item which is meant for single use is termed as 'consumables. If any equipment has a preventive maintenance kit recommended by the manufacturer to be replaced at specific time intervals, it shall be done at free of cost in the warranty and in CMC period. The rate of the same shall be included in the offered price in the warranty and CMC.

27. PENALTY FOR SERVICE DURING WARRANTY/ CMC PERIOD

a. In case of any complaint/ defect in the equipment during the warranty/CMC period, the firm must attend to the same within 48 hrs from the date and time of lodging complaint at the complaint/help desk number of the service provider (i.e., response time).

b. During Warranty supplier must ensure to maintain 95% uptime (maximum 18 days downtime), In Case of downtime, warranty period will be extended for period of twice the downtime. If the equipment is not attended within 48 hrs. supplier will be liable to pay a penalty of 0.07% of purchase cost of every day for delay.

c. During CMC period supplier must ensure to maintain 95% uptime (maximum 18 days downtime), In Case of downtime, CMC period will be extended for period of twice the downtime. If the equipment is not attended within 48 hrs. supplier will be liable to pay a penalty of 0.07% of purchase cost of every day for delay.

d. If the Bidder/Supplier/OEM fails to provide satisfactory service during Warranty and CMC period, security deposit shall be forfeited and may also result in the blacklisting/debarring as per relevant Blacklisting clause(s) under instructions to bidders (section-II). Downtime exceeding 08 hours shall be accounted as 01 day.

28. FALL CLAUSE

1. The BIDDER as part of his bid has to undertake (in relevant portions of Annexure 07 and Annexure 08) that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid to any other person(s)/entity.
2. The prices charged for the equipment/services supplied under the contract by successful bidder shall, in no event, exceed the lowest price at which the successful bidder sells the equipment/services of identical description, to any other person(s)/entity during the period of contract.
3. If it is found at any stage that similar product/systems or sub systems was/were supplied by the BIDDER to any other person(s)/entity at a lower price then bidder has to provide price justification with relevant documents. If bidder fails to do so or TIA finds price justification unsatisfactory then that very price, will be applicable to the present case and the difference in the cost would be refunded (if applicable) by the BIDDER to the PURCHASER.
4. If any time during the contract, the successful bidder reduces the sales price chargeable under the contract, he shall forthwith notify such reduction to the TIA and user institution and the price payable under the contract of the equipment/services supplied after the date of coming into force of such reduction or sale, shall stand correspondingly reduced.

SPECIAL INSTRUCTIONS TO TENDERERS(SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/substitute/supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

"The CMC Charges range has been fixed between 2%-5% of the quoted value of the equipment. Bidders are requested to quote accordingly."

Tenderers/bidders are required to quote their prices in INR only. Also prices should be submitted BoQ wise.

No conditional bid will be accepted. In case conflicting terms are found in bid documents with respect to tender terms, tender terms will prevail.

No Joint Ventures will be allowed.

Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with Competent Authority, as specified in Annexure-C of order F.No.6/18/2019-PPD dated 23-July-2020 and bidder must comply with all provisions mentioned in the order.

Bidders are also instructed to refer Make in India Policy issued by Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade.

AWARD OF CONTRACT

The quantities in this tender (including additional quantities against the clause "Variation of Quantities at the Time of Award/ Currency of Contract") can be used.

ANNEXURE-01

GENERAL INFORMATION OF THE BIDDER

1	Name of the Bidder			
	Registered address of the firm with GST IN			
	State		District	
	Telephone No.		Fax	
	Email		Website	
	Contact Person Details			
2	Name		Designation	
	Telephone No.		Mobile No.	
	Communication Address			
3	Address			
	State-		District	
	Telephone No.		Fax	
	Email		Website	
	Type of the Firm (Please √ relevant box)			
4	Private Ltd.		Public Ltd.		Proprietorship	
	Partnership		Society		Others ,specify	
	Registration No.& Date of Registration					
	Nature of Business (Please√relevant box)					
5	Original Equipment Manufacturer		Authorized Dealer/Distributor/Representative			
	Direct Importer		Others specify.			
	Key personnel Details (Chairman ,CEO, Directors, Managing Partners etc.)					
6	In case of Directors, DINN os. Are required					
	Name		Designation		Din No. (if applicable)	
	Name		Designation		Din No. (if applicable)	
7	*Whether any criminal case was registered against the company or any of it spromoters in the past?*				Yes/No	
8	*Other relevant Information provided (Hereenclosethedetailssuchaspresentationonthedetailsofthebidderina CDpreferably;pleaseavoidsubmissionof detailedleaflets/brochuresetc,ifpossible.)*					
Date :		*Official*		*Signature of the bidder / Authorized signatory*		

ANNEXURE-02

(On Non-Judicial₹ 100/- Stamp Paper)

FORMAT FOR SUBMITTING LIST OF ITEMS FOR WHICH BID IS QUOTED

Sl. No.	Item Code	Name Of the ITEM	Make, Model and Manufacturer	Address of Manufacturing Premises/Unit
1				
2				
3				
4				

Total EMD Paid…… (Amount in figures)

……. (In words)

UTR No:

I/We ..... having my / our office at…….……..…… declares that I / We will supply the items as per above.

Sign & Seal of the bidder.

ANNEXURE-03

MANUFACTURER'S OFFER FORM

(To be submitted by manufacturers in OEM letter head)

No. Dated:

To

The Managing Director
CHHATTISGARH MEDICAL SERVICES CORPORATION LTD.
(Tender Inviting Authority)

Dear Sir,

Tender No :
Equipment Name :

1. We..... (Name of the OEM) declare/certify that weare the original manufacturers of the above equipment having registered office at…….. (full address with telephone number/fax number & email ID and website), and having factories at……
2. No company or firm or individual have been authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.
3. We hereby declare that we are willing to provide guarantee/warranty and after sales service during the period of warranty/CMC as per the above tender.
4. We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipment tendered within the stipulated time.

(Name)for and on be half of M/s…….
Date: (Name of manufacturers)
Place:

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

ANNEXURE-04

MANUFACTURER'S AUTHORISATION FORM

(To be submitted only by OEM or 100% subsidiary of OEM to authorized distributors)

The MD
CGMSCL
Naya Raipur-C.G.

Dear Sir,

Ref: Your Bid no. _____ dated _____

We, _____ who are proven and reputable manufacturers of_____(*name and description of the goods offered in the bid*) having factories at_____, hereby authorize Messrs_____(*name and address of the agent*) to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this bid for the following reason(s):

_____*(please provide reason here).*

We further confirm that no supplier or firm or individual other than Messrs. _____ (*name and address of the above agent*) is authorised to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, CAMC as applicable as per clause 26 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly"

Yours faithfully,

[*Signature with date, name and designation*]

for and on behalf of Messrs_____

[*Name & address of the manufacturers*]

Note:

1. *This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.*
2. *Original letter may be sent.*

ANEXURE-05

POWER OF ATTORNEY

(On OEM Letter Head)

I/ We…….(name and address of the registered office) do hereby constitute, appoint and authorize Sri/Smt……..……..(name and address) who is presently employed with us and holding the position of…….As our attorney, to act and sign on my/our behalf to participate in the tender no…….for…….. (Equipment Name).

I/ We hereby also undertake that I/we will be responsible for all action of Sri/Smt……..Undertaken by him/her during the tender process and thereafter on award of the contract. His / her signature is attested below

Accepted

(Signature)

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

Date:

Dated this the day of 2026

For

(Name, Designation and Address)

ANNEXURE-06

UNDERTAKING
Details of Nearest Authorized Service Centre
(To be provided by the OEM on their letter head)

I/We ……. hereby undertake to provide warranty/CMC/after-sales services, as mentioned in tender document Reference No…….. Especially with respect to time-line adherence. I/We also declare that the following person/persons will provide breakdown and maintenance services on behalf of our company (the OEM) as per tender terms & conditions for the entire geographical area comprising Chhattisgarh State. We also declare that the details provided below are true and correct, as on date. The person/firm mentioned below is well aware about this commitment to CGMSC, under this tender's terms and conditions.

S.N.	Details of Service Centre/Provider	
1	Full Name of the Firm	
2	Address of the Firm	
3	E-mail of the Firm	
4	Contact Person Name and Designation	
5	Contact Person Mobile No./Land Line No.	
6	Toll Free Number for Service	
7	PAN Card Number	

Name of Bidder: **Signature of representative of OEM**

Address: **Date:**

Seal of Bidder:

ANNEXURE-07

DECLARATION FORM

(On Non-Judicial Stamp Paper worth ₹ 100/-)

I/We ..... having my / our office at…….……..……do declare that I / We have carefully read all the term s& conditions of tender of Ref. No ....., of CGMSC Ltd., for the supply of ..... (Name of the item) and confirm our eligibility for this tender and all items quoted as per the tender condition and Governing laws of India.

I/We hereby agree, confirm & declare that all terms & conditions of the above-mentioned tender are acceptable.

I/We certify that the rates of item/items quoted are reasonable & not higher than the prices charged by us to any person(s)/entity in the last six months.

I/We declare that we have quoted the price of CMC (Comprehensive Maintenance Contract) as per Annexure-14 (Part-C).

I/We do hereby declare that I/We have not been convicted by any court of Law nor are de-recognized / black listed by any State Govt. / Union Territory/ Govt. of India / Govt. organization / Govt. Health Institutions for supply of Not of Standard Quality (NSQ) items / part-supply / non-supply/non-service or any reason whatsoever.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and or Performance Guarantee and/or blacklist me/us for a period of 3 years, if any information furnished by us proved to be false at the time of inspection / verification and not complying with the Tender terms &conditions.

In case of any breakdown call and service call of awarded equipment in warranty and CMC period if awarded, our service engineer will visit the site within 48 hrs and attend the breakdown call/ service call and rectify the problem as soon as possible to ensure 95% uptime annually and submit report to the user department.

I/we will provide preventive maintenance of the awarded equipment on Bi-annual basis. During preventive maintenance it will be responsibility of respective engineer to coordinate with user department. As mentioned in tender document & other important instructions.

If we would not be able to fulfill the above terms & condition, TIA will be able to take legal actions against company and may forfeit EMD of bidder, blacklist & debar the company. (As per blacklisting clauses and blacklisting procedure of tender documents)

I/We do hereby declare all information provided above is true.

Name & Address of the Firm:

Signature of the bidder:

Date:

ANNEXURE-08

PRE-CONTRACT INTEGRITY PACT

1. GENERAL

This pre-bid contract Agreement (here in after called the integrity Pact) is made on..... day of the month…. /……20……, between, Managing Director, Chhattisgarh Medical services corporation limited (A Government of Chhattisgarh (U/T) acting through Shri (Designation
of the officer, Department) Government of Chhattisgarh (hereinafter called the "BUYER", which expression shall mean and include, unless the context otherwise requires, his successors in the office and assigns) and the First Party, proposes to procure (name of the Stores/Equipment/Work/Service)
and M/s……represented by Shri……Chief Executive Officer (hereinafter called the "BIDDER/Seller", which expression shall mean and include, unless the context otherwise requires, his successors a permuted assigns) and the Second Party, is willing to offer/ has offered.

WHEREAS the BIDDER is a private Company/Public Company/Government Undertaking/partnership/Registered Export Agency, constituted in accordance with the relevant law in the matter and the BUYER is a PSU, performing its functions on behalf of the Government of Chhattisgarh.

2. OBJECTIVES

NOW, THEREFORE, the BUYER and the BIDDER agree to enter into this pre-contract agreement, hereinafter referred to as Integrity Pact, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the Contract to be entered into with a view to:-

Enabling the BUYER to obtain the desired Stores/Equipment/Work/Service at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERs to abstain from bribing or indulging in any corrupt practices in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing any corrupt practices and the BUYER will commit to prevent corruption, in any form, by its official by following transparent procedures.

3. COMMITMENTS OF THE BUYER

The BUYER commits itself to the following: -

The BUYER undertakes that no official of the BUYER, connected directly or indirectly with the contract, will demand, take promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the BIDDER, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

The BUYER will, during the pre-contract stage, treat BIDDERs alike, and will provide to all BIDDERs the same information and will not provide any such information to any particular BIDDER Which could afford an advantage to that particular BIDDER in comparison to the other BIDDERs.

All the officials of the BUYER will report the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

In case any such preceding misconduct on the part of such official(s) is reported by the BIDDER to the BUYER with the full and verifiable facts and the same *prima facie* found to be correct by the BUYER, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the BUYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry

is being conducted by the BUYER the proceedings under the contract would not be stalled.

4. COMMITMENTS OF BIDDERS

The BIDDER commits itself to take all measures necessary to prevent corrupt practices, unfair means an illegal activity during any stage of its bid or during any pre-contract or Post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:-

The BIDDER will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the BUYER, connected directly or indirectly with the biding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

The BIDDER further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage, or inducement to any official of the BUYER or otherwise in procuring the Contract of forbearing to do or having done any act in relation of the obtaining or execution of the contract or any other contract with the Government for showing or forbearing to show favor or 45isfavor to any person in relation to the contract or any other contract with the Government.

The BIDDER further confirms and declares to the BUYER that the BIDDER in the original manufacture/Integrator/Authorized government sponsored export entity of the stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the BUYER or any of its functionaries, whether officially or unofficially to the award of the contract to the BIDDER, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payment he has made, is committed to or intends to make to officials of the BUYER or their family members, agents, brokers or any their intermediaries in connection with the contract and the details of services agreed upon for such payments.

The BIDDER will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

The BIDDER will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

The BIDDER shall not use improperly, for purpose of competition or personal gain, or pass on to others, any information provided by the BUYER as part of the business relationship, regarding plans, technical proposal and business details, including information contained in any electronic data carrier. The BIDDER also undertakes to exercise due and adequate care lest any such information is divulged.

The BIDDER commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

The BIDDER shall not instigate or cause to instigate any third person to commit any of the acts mentioned above.

5. PREVIOUSTRANSGRESSION

The BIDDER declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprise in India or any State Government/Government Department in India that could justify BIDDER's exclusion from the tender process.

If the BIDDER makes incorrect statement on this subject, BIDDER can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

6. EARNEST MONEY (SECURITY DEPOSIT)

Every BIDDER while submitting commercial bid, shall deposit an amount as specified in RFP as Earnest

Money/Security Deposit, with the BUYER through any of the following instruments:

(i) **The earnest money should be submitted by way of NEFT/ RTGS.**
Details of Account for NEFT/RTGS Payment:

Account Name: CGMSC Ltd Equipment Procurement Account

Account No: 540901010050669

Bank Name: Union Bank of India, Shankar Nagar Branch, Raipur. CG

IFSC/RTGS code: UBIN0554090

NOTE: Fund should be transferred through NEFT /RTGS from bidder's account. Non-compliance of the same shall lead to rejection of bid.

The Earnest Money/Contract Security/Performance Guarantee shall be valid up to the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and BUYER, including warranty period, whichever is later.

In the case of successful BIDDER, a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for violation shall be applicable for forfeiture of Performance Bond in case of a decision by the BUYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

No interest shall be payable by the BUYER to the BIDDER on Earnest Money/Security Deposit for the period of its currency.

7. SANCTIONS FORVIOLATIONS

Any breech of the aforesaid provisions by the BIDDER or any one employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER) shall entitle the BUYER to take all or any one of the following actions, where ever required: -

(i) To immediately call off the pre contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.

(ii) To forfeit fully or partially the Earnest Money Deposit (in pre-contract stage) and/or Security Deposited/Performance Bond (after the contract is signed), as decided by the BUYER and the BUYER shall not be required to assign any reason therefore.

(iii) To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.

(iv) To recover all sums already paid by the BUYER, and in case of the Indian BIDDER with interest thereon as 2% higher than the prevailing Prime Lending Rate while in case of a BIDDER from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the BIDDER from the BUYER in connection with any other contract such outstanding payment could also be utilized to recover the aforesaid sum and interest.

(v) To encase the advance bank guarantee and performance bond/warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the BUYER, along with interest.

(vi) To cancel all or any other contracts with the BIDDER and the BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such cancellation/recession and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

(vii) To debar the BIDDER from participating in future bidding processes of CGMSCL for a minimum period of

03 years.

(viii) To recover all sums paid in violation of this Pact by BIDDER(s) to any middlemen or agent or broken with a view to securing the contract.

(ix) In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the BUYER with the BIDDER, the same shall not be opened.

(x) If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER, either directly or indirectly, is closely related to any of the officers of the BUYER, or alternatively, if any close relative of an officer of the BUYER has financial interest/stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filling of tender. Any failure to disclose the interest involved shall entitle the BUYER to rescind the contract without payment of any compensation to the BIDDER.

The term 'close relative' for this purpose would mean pause whether residing with the Government servant or not, but not include a spouse separated from the Government servant by a decree or order of a competent court; son or daughter or step son or step daughter and wholly dependent upon Government servant, but does not include a child or step child who is no longer in any way dependent upon the Government servant or of whose custody the Government servant has been deprived of by or under any law; any other person related, whether by blood or marriage, to the Government servant or to the Government servant's wife or husband and wholly dependent upon Government servant.

(xi) The BIDDER shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the BUYER, and if he does so, the BUYER shall be entitled forthwith to rescind the contract and all other contracts with the BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the BUYER resulting from such rescission and the BUYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.

The decision of the BUYER to the effect that a breach of the provisions of this pact has been committed by the BIDDER shall be final and conclusive on the BIDDER. However, the BIDDER can approach the Monitor(s) appointed for the purposes of this Pact.

8. FALLCLAUSE

1. The BIDDER as part of his bid has to undertake (in relevant portions of Annexure 07 and Annexure 08) that it has not supplied/is not supplying similar product/systems or subsystems at a price lower than that offered in the present bid to any other person(s)/entity.
2. The prices charged for the equipment/services supplied under the contract by successful bidder shall, in no event, exceed the lowest price at which the successful bidder sells the equipment/services of identical description, to any other person(s)/entity during the period of contract.
3. If it is found at any stage that similar product/systems or sub systems was/were supplied by the BIDDER to any other person(s)/entity at a lower price then bidder has to provide price justification with relevant documents. If bidder fails to do so or TIA finds price justification unsatisfactory then that very price, will be applicable to the present case and the difference in the cost would be refunded (if applicable) by the BIDDER to the PURCHASER.

4. If any time during the contract, the successful bidder reduces the sales price chargeable under the contract, he shall forthwith notify such reduction to the TIA and user institution and the price payable under the contract of the equipment/services supplied after the date of coming into force of such reduction or sale, shall stand correspondingly reduced.

9. INDEPENDENT MONITORS

The BUYER will appoint Independent Monitors (Hereinafter referred to as Monitors) for this Pact.

The task of the Monitors shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

The Monitors shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

Both the parties accept that the Monitors have the right to access all the documents relating to the project/procurement, including minutes of meetings. The Monitor shall be under contractual obligation to treat the information and documents of the BIDDER/Subcontractor(s) with confidentiality.

As soon as the Monitor notices, or has reason to believe, a violation this Pact, he will so inform the Authority designated by the BUYER.

The Monitor will submit a written report to the designated Authority of BUYER/Secretary in the Department/within 8 to 10 weeks from the date of reference or intimation to him by the BUYER/BIDDER and, should the occasion arise, submit proposals for correcting problematic situations.

10. FACILITATION OF INVESTIGATION

In case of any allegation of violation of any provisions of this Pact or payment of commission, the BUYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the BIDDER and the BIDDER shall provide necessary information of the relevant documents and shall extend all possible help for the purpose of such examination.

11. LAW AND PLACE OFJURISDICTION

The Pact is subject to Indian Law, the place of performance and jurisdiction shall be the seat of the BUYER.

12. OTHER LEGALACTIONS

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the any other law in force relating to any civil or criminal proceedings.

13. VALIDITY

The validity of this Integrity Pact shall be from the date of its signing and extend up to 5 years or the complete execution of the contract to the satisfaction of both the BUYER and the BIDDER/Seller whichever is later. In case BIDDER is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract. If one or several provisions of this Pact turn out to be invalid; the remainder of this Pact shall remain valid. In such case, the parties will strive to come to an agreement to their original intentions.

14. The parties hereby sign this Integrity Pact at……. on……

BUYER	**BIDDER**
Name of the Officer	Chief Executive Officer
Designation	
Department/PSU	
Witness	Witness
1)	1)
2)	2)

ANNEXURE-09

TURNOVER CERTIFICATE

To

Managing Director, CGMSC Ltd.

Chhattisgarh, Raipur

I/We hereby certify that **M/s** _____(the name of bidder in the tender) who is participating the tender for supply of Goods called by CGMSC Ltd. Chhattisgarh, Raipur having their office at _____(Address of office) has a turnover of **Medical equipment/LMO/MGPS manufacturing or Sales or Supply or Repair or Maintenance in their audited balance sheet for the 03 audited financial years, as below: -**

Turnover in the financial year of
2022 -23
2023 -24
2024 -25

Average Turnover ₹

The above information is correct and true and verified from audited Balance Sheet.

CHARTERED ACCOUNTANT

(With membership no.) Name:

Contact No.: Contact

Address: UDIN No.:

NOTE:

a. The turnover of other than bidder will not be accepted.

b. UDIN (Unique Document identification Number) is Mandatory.

ANNEXURE-10

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)**	

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 M/s. Chhattisgarh Medical Services Corporation Limited (CGMSC) responsible. I have read the conditions of the tender/agreement entered and agree to discharge the responsibility expected of me / from the company as a bidder /successful bidder.

Date: Company Seal Signature

Place: (Name of the person signing &designation)

For Bank
(Verification of the above particulars).

IT IS 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-11

CA/CS CERTIFICATE FOR 100% SUBSIDIARY

To

Managing Director,

CGMSC Ltd.

Chhattisgarh, Raipur

We hereby certify that **M/s** _____(the name of participant/bidder in the tender and PAN Number) who is participating in _____(Mention the tender reference number in which participating) for supply of Goods/Materials called for by CGMSC Ltd. Chhattisgarh, Raipur, having their office at_____(Full address of office) is a wholly owned subsidiary company of ---------- (Holding company name and PAN number). We have verified the documents in Registrar of companies (ROC) and found them satisfactory.

Director of company

Chartered Accountant/ Company Secretary Signature &Seal with Date (with membership no. &seal)

UDIN…….

ANNEXURE-12

Self-Declaration

Self-Declaration format for imported item(s) uploaded by bidder on ₹ 100/- Non-Judicial Stamp Paper

I/We……. (Name) having our office……. (Address) do hereby declare that …….. (Actual Manufacturer) has authorized us to participate for following items. The authorization letters are enclosed for your reference.

S.N.	Item Code	Name of Item	Make	Model	Manufacturer

I/We ……..do hereby declare that we will supply the items as per the terms, conditions & specifications of the tender document.

Name of Bidder: **Signature of bidder**

Address: **Date:**

Seal of Bidder:

ANNEXURE-13

PRODUCT SPECIFICATION COMPLIANCE

(To be uploaded in Cover B: Technical Bid)

Item Code:

Name/ Description of Equipment:

A	B	C	D
Desired Specification of TIA	Manufacturer's Specification	Deviation	Remark
		Column 'C' and 'D' should be kept blank for evaluation purpose	Column 'C' and 'D' should be kept blank for evaluation purpose

Note: This form is product/Equipment specific

- Desired Specification should be taken from Annexure-27 (Specification of equipment)
- Manufacturer/Bidder should quote their specification in Column'B'.
- Column 'C' and 'D' should be kept blank for evaluation purpose.

Signature and Seal of Bidder

Format may be used in Landscape.

ANNEXURE-14

COVER C
Part –A
PRICE BID

Sl. No.	Item Code	Item name	HSN Code	Unit	Total Qty	Unit Price (in Rs.)	Total Price(in Rs.)	GST %	GST Amount	Total Cost 10= 7+9
	1	2	3	4	5	6	7	8	9	10
1		Oxygen Supply System								
1.1		SITC of LMO tank with vaporiser and all accessories as per specification		Nos.	19					
1.2		Fully Automatic Oxygen Control System : Supply, Installation testing and commissioning of Fully Automatic Oxygen Control System. As per specification		Nos	22					
1.3		Oxygen Manifold (2x4) : Supply, Installation, testing and commissioning of (2x4 size) class D cylinder Oxygen Supply System. As per specification		Nos	22					
1.4		Emergency Oxygen Supply System : Supply, Installation, testing and commissioning of (2x2 size) class D cylinder Emergency Oxygen Supply System. As per specification		Nos	22					
1.5		Oxygen Flow meter with Humidifier Bottle (Adult): Supply, installation, testing and commissioning of oxygen flow meter with humidifier bottle. As per specification.		Nos	1030					
1.6		Oxygen Flow meter with Humidifier Bottle (Neonates): Supply, installation, testing and commissioning of oxygen flow meter with humidifier bottle. As per specification.		Nos	309					
2		Supply, Installation, Testing and Commissioning of Copper Pipes Solid drawn, seamless, deoxidised, non-								

		arsenical, half hard, tempered and degreased copper pipes as per specification.								
2.1		54mm OD X 1.2mm thick		m	50					
2.2		42mm OD X 1.2mm thick		m	190					
2.3		35mm OD X 1.2mm thick		m	22					
2.4		28mm OD X 1 mm thick		m	550					
2.5		22mm OD X 1 mm thick		m	550					
2.6		15mm OD X 1 mm thick		m	1100					
2.7		12mm OD X 1 mm thick		m	1030					
3		Gas Outlet Points/ Terminal Units with matching probes: Supply,Installation, testing and commissioning of Gas outlet points for Oxygen, Medical Air 4 Bar , Vacuum as per specification								
3.1		Oxygen outlet with probe		Nos	1030					
4		AREA VALVE BOX (WITHOUT VALVES): Supply,Installation, testing and commissioning of Area Valve Boxes. as per specification								
4.1		Valve Box - 1 Gas Service		Nos	22					
4.2		Valve Box - 2 Gas Service		Nos	110					
4.3		Valve Box - 3 Gas Service		Nos	110					
5		MEDICAL GAS ALARM PANEL: Supply, Installation, testing and commissioning of Medical Gas Alarm Panel.as per specification			22					
5.1		Medical Gas Area Alarm for 2 services		Nos	50					
5.2		Medical Gas Area Alarm for 3 services		Nos	10					
5.3		Medical Gas Area Alarm for 1 service		Nos	40					
5.4		Master Alarm Panel		Nos	22					
6		LINE ISOLATION VALVES: Supply, Installation, testing and commissioning of Line Isolation Valves as per specification (Price to be quoted separately)			22					
6.1		12 mm ball valve		Nos	110					
6.2		15 mm ball valve		Nos	70					
6.3		22 mm ball valve		Nos	44					

6.4		28 mm ball valve		Nos	22					
6.5		35 mm ball valve		Nos	22					
6.6		42 mm ball valve		Nos	11					
6.7		54 mm ball valve		Nos	11					
7		Supply of O2 cylinders-Class D cylinders as per specification		Nos	22					
8		Bed Head Horizontal/Vertical (Without outlets) as per specification		Nos	100					
9		Electric wiring inside the gas manifold and plant room including electrical panel for plant & Manifold rooms		Ls	22					
10		Electrial and lightening arrest system		Ls	19					
11		Civil work related to laying pipelines among LMO, manifold and hospital building		m	190					
12		Automatic chage over control panel between LMO tank and manifold		Nos	22					
13		Bidder should be responsible for dedicated earthing (Chemical type) for MGPS Plant room		Nos	22					
14		Remote Telemetry Unit		Nos	19					
		Grand Total								

Note: 1. At present, the scope of work is limited to oxygen beds only. Medical Air and Vacuum system components are excluded from the current scope; however, bidders shall mandatorily quote for these items for future expansion, and provision for pipelines shall be made accordingly.

Note 2: Final Payment shall be made based on actual quantities measured at site and duly certified by the hospital authority and submission of all reports to CGMSCL.

Note 3: Quantity mentioned in BOQ is indicative only. Final payment shall be made based on actual quantities measured at site and duly certified by the hospital authority and submission of all reports to CGMSCL.

Note 4: Unless otherwise specified in the SIT, prices quoted by the tenderer shall remain firm and fixed during the currency of the contract and not subject to variation on any account. Bidders are requested to quote BOQ wise unit price (uniform unit prices must be quoted) and total price. Item wise price will remain fixed. However actual payment will be based on final measurement. If a firm quotes NIL Charges/ consideration, the bid shall be treated as unresponsive and will not be considered.

Note 5: The bidder shall be responsible for the complete works including the submission of working drawings, and isometric views, detailed work schedule and materials. Bidder shall be responsible for design, supply, installation, testing and commissioning of medical gas supply system in coordination with

respective institute authorities & CGMSC Ltd. Supplier has to submit Layout drawing (& revised BOQ according to drawing) for approval within 21 days of placement of order. Any delay will be treated as non-performance and Liquidated Damages shall be levied as 0.5% of contract value per week. Bidder shall co-ordinate with respective Departments Head for their final Gas Outlets requirement per bed in their wards/required area and should incorporate the same in drawing.

Note 6: If necessary, the purchaser may, by a written order given to the supplier at any time during the currency of the contract, amend the contract by making alterations and modifications within the general scope of contract in any one or more of the following:

a) Specifications, drawings, designs etc. where goods to be supplied under the contract are to be specially manufactured for the purchaser,
b) Mode of packing,
c) Incidental services to be provided by the supplier
d) Mode of dispatch,
e) Place of delivery, and
f) Any other area(s) of the contract, as felt necessary by the purchaser depending on the merits of the case

ANNEXURE-14
COVER C
Part – B

(Mandatory, Price to be quoted for future provisions, Not part of L1 calculations)

PRICE FOR SUPPLY OF NON-OXYGEN MGPS

S.N.	Quoted Item	Item Code	Unit	Qty	Basic Price (in Rs.)	GST %	GST Amount	Total Cost H= E+G
	A	B	C	D	E	F	G	H
1	Medical Air Plant (Package Unit) including electrical control panel: Supply, Installation, testing and commissioning medical air plant		Nos	1				
2	Medical Air Plant (Package Unit) including electrical control panel: Supply, Installation, testing and commissioning medical air plant having a minimum capacity of 500 LPM as Primary & 500 LPM as standby or Total minimum Plant Capacity of 3000LPM and as per specification.		Nos	1				
3	Medical Air Plant (Package Unit) including electrical control panel: Supply, Installation, testing and commissioning medical air plant having a minimum capacity of 750 LPM as Primary & 750 LPM as standby or Total minimum Plant Capacity of 1500 LPM and as per specification		Nos	1				
4	Medical Air Plant (Package Unit) including electrical control panel: Supply, Installation, testing and commissioning medical air plant having a minimum capacity of 1000 LPM as Primary & 1000 LPM as standby or Total minimum Plant Capacity of 2000 LPM and as per specification		Nos	1				
5	Medical Vacuum Plant (Package unit): Supply, Installation, testing and commissioning of medical vacuum plant		Nos	1				
6	Medical Vacuum Plant (Package unit): Supply, Installation, testing and commissioning of medical vacuum plant having a minimum capacity of 500 LPM as primary and 500 LPM as standby as per specification		Nos	1				
7	Medical Vacuum Plant (Package unit): Supply, Installation, testing and commissioning of medical vacuum plant having a minimum capacity of 750 LPM as primary and 750 LPM as standby as per specification		Nos	1				

8	Medical Vacuum Plant (Package unit): Supply, Installation, testing and commissioning of medical vacuum plant having a minimum capacity of 1000 LPM as primary and 1000 LPM as standby as per specification		Nos	1				
9	Ward Vacuum Unit: Supply, installation, testing and commissiong of Ward Vacuum Unit as per specification		Nos	1				
10	Medical Air 4 outlet with probe		Nos	1				
11	Vacuum outlet with probe		Nos	1				
12	Bidder should be responsible for dedicated earthing (Chemical type) for MGPS Plant room		Nos	1				
13	The third party compliance certification after installation to be done for the standard followed i.e HTM 02-01/NFPA 99C/DIN/EN/ISO- 7396-1 from the authorised agency.		Nos	1				

Note:-

1. **The Supplier shall indicate clearly the free guarantee maintenance of the whole system including essential accessories supplied and the same should not be less than 05 years.**

ANNEXURE-14

COVER C

Part - C

PRICE FOR CMC (FOR 5 YEARS)

S.N.	Name of Equipment	Make	Model	6th Year	7th Year	8th Year	9th Year	10th Year	GST Percentage	Total Amount
	A	B	C	D	E	F	G	H	I	J
1.	LMO MGPS complete project									

Note: CMC will be applicable from 6th to 10th year of commissioning of equipment.

ANNEXURE-15

CONSIGNEE RECEIPT CERTIFICATE

(To be submitted in this format only and has to be filled jointly by the Supplier& User Institution/Department)

The following equipment has/have been received in good condition as per purchase order.

Name of item supplied	
Name of the Supplier/Manufacturer	
Quantity supplied	
Purchase Order reference no.	
Serial Nos. of equipment supplied	
Name and Address of the Consignee along with Telephone number and fax no.	
Date of receipt by the Consignee	
Stock Book page no. where the items have been entered	
Signature of Authorized Representative of Consignee with date (Store In-charge/Store Keeper)	
Name and designation of the authorized Representative (Store In-charge/ Store Keeper)	
Seal of the consignee	

Note: Colored Photographs of the equipment with the recipient duly signed by Authority of facility should be provided. Incase of Hospitals, The Hospital in-charge of concerned hospital will be treated as consignee. In case of office (other than hospital), the office in-charge of the office would be treated as consignee.

(User Department)	**(District Bio-Medical Engineer)**	**(Hospital Incharge)**
Name:	Name:	Name:
Contact No.:	Contact No.:	Contact No.:
Email id:	Email id:	Email id:

Note: -

1. Signature of consignee must be in all pages of consignee receipt certificate.
2. The Hospital In charge here refers to as Dean/Hospital Superintendent/CMHO/CS/MO/RMA /District Ayurved Officer etc.
3. Signature of Bio-Medical Engineer posted at Dist. Level such as O/o CMHO/ CS/ Medical College & Hospital. In case a district has no Bio-Medical Engineer, then simply write “Not posted”.
4. A copy of above document has to be submitted online on EMIS Portal on CGMSC website.
5. Neither supplier nor the consignee is allowed to change the above format. It must be printed front & back in a single page as it is mentioned in Annexure-15. “NOTE MENTIONED ABOVE MUST ALSO BEPRINTED”

ANNEXURE-16

CONSIGNEE RECEIPT CUM INSTALLATION REPORT

(To be submitted in this format only and has to be filled jointly by the Supplier& User Institution/Department)

The following equipment has/have been received in good condition as per purchase order.

Name of item supplied			
Name of the Supplier			
Make (OEM Name)	Model	Manufacturing Date (DD/MM/YYYY)	
Quantity supplied			
Purchase Order reference no with date			
Serial Nos. of equipment supplied			
Name and Address of the Consignee along with tel.no. and fax no.			
Date of receipt/supply by the Consignee			
Date of Installation			
Installation Location at Hospital.			
Accessories supplied and the serial numbers of Accessories			
Training satisfactorily completed Yes/No			
The equipment has been received as per tender specification Yes/No			
Equipment Identification Sticker & CGMSC logo as per Annexure-18printed Yes/No			
Service center address & contact no.			
Service manual provided by the supplier			
Operating manual provided by the supplier			
Calibration Certificate provided by the supplier			
Name and Designation of Personnel trained.			
Date of commencement of warranty & Date of expiry of warranty	From	To	
Original warranty card received by Consignee as per annexure-19			
Comprehensive warranty period	From	To	

Accessories/Parts/Consumable/Battery etc. supplied as mentioned below Note: If needed separate annexure/sheet to be attached as per below format in OEM letter head				
Item Name	Qty.	Item Serial No.	Remark	
1.				
2.				
3.				
4.				
Mandatory Bi-annual preventive maintenance and SOS breakdown Schedule		Year 1	Year 2	Year 3
		2 visits	2 visits	2 visits
Other statutory documents received				
Stock Book page no. where the items have Been entered				
Remarks of the hospital authorities				
Name & designation of the authorized Representative				
Signature of Authorized Representative of Consignee / Store In-charge with date				
Seal of the consignee/ Store In-charge				

Note: Colored Photographs of the equipment with the user, Model Number, Equipment Identification Sticker & CGMSC logo as per Annexure-18 printed on the equipment and that of training duly signed by Authority of facility should be provided. In case of Hospitals, The Hospital In-charge of concerned hospital will be treated as consignee. In case of office (other than hospital), the office In-charge of the office would be treated as consignee.

(Sign of service Er./Techn.)	**(User Department)**	**(District Bio-Medical Engineer)**	**(Hospital Incharge)**
Name:	Name:	Name:	Name:
Contact No.:	Contact No.:	Contact No.:	Contact No.:
Email id:	Email id:	Email id:	Email id:

Note: -

1. Signature of consignee must be in all pages of consignee receipt certificate.

2. The Hospital In charge here refers to as Dean/Hospital Superintendent/CMHO/CS/MO/RMA /District Ayurveda Officer etc.
3. Signature of Bio-Medical Engineer posted at Dist. Level such as O/o CMHO/ CS/ Medical College & Hospital. In case a district has no Bio-Medical Engineer, then simply write "Not posted".
4. A copy of above document has to be submitted online on EMIS Portal on CGMSC website.
5. Neither supplier nor the consignee is allowed to change the above format. It must be printed front & back in a single page as it is mentioned in Annexure-15. "NOTE MENTIONED ABOVE MUST ALSO BEPRINTED"

ANNEXURE-17

CALIBRATION CHECKLIST

(To be submitted with installation report for applicable equipment)

Date :
Equipment Name :
Item Code :
Make :
Model :

S. No.	Parameters to be calibrated	Frequency of calibration required
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		

(Sign of service Er./Tech.)	(User Department)	(District Bio-Medical Engineer)	(Hospital In-charge)
Name:	Name:	Name:	Name:
Contact No.:	Contact No.:	Contact No.:	Contact No.:
Email id:	Email id:	Email id:	Email id:

ANNEXURE-18

CGMSC Logo & Equipment Identification Stickers

CGMSC
(State Government Undertaking)

Chhattisgarh Medical Service Corporation Limited Supply
(Not for Sale)

Tender RefNo……..……

Purchase OrderNo……..

Make &Model……..

Equipment SerialNo……..

Installation Date……Warranty End Date……..….CMC/AMC StartDate…..……..

Supplied By……Contact No……..…….....

Note: - Penalty will be charged in case above sticker is not found affixed/ not in prescribed format.

ANNEXURE-19

WARRANTYCERTIFICATE

(CGMSC mandated Format)

(To be filled by the Supplier)

CGMSCL Purchase order No : ……Dated……

The equipment, ……..……..……..….(*Equipment Name*), Make…….....,Model No……..……..,CGMSC Item Code…….....…. bearing serial no ……. was installed successfully at ……...……. (*Institution Name)* is offered with a comprehensive warranty for a period of 05 years starting from ……..to..... including all the following Accessories/Parts, Consumables, Battery etc.

I/We declare that the above-mentioned equipment supplied is new and un-used in all aspects.

S.No.	Name of the accessory	Manufacturer's name	Item S. No	Qty

Signature of the Supplier with

Date:

Name:

Seal:

ANNEXURE-20

SITE NON-READINESS FORM

Deleted

Since it is a turkey project supplier shall coordinate with site.

ANNEXURE-21

SITE READINESS FORM

(This form is to be submitted before delivering the machine by consignee)

Whether the purchase order received at Institution through EMIS (Please tick)		**YES**	**NO**
Date:			
Hospital Name/ Name of the Facility		Supplier Name	
Name of the Equipment		Item Code	
Make/manufacturer		Purchase Order No	
Model/Cat No		Purchase Order Date	
Location/Department		Purchase Order Value	

SiteDetails		
Completion of Civil works		
Availability of DRS / PNDT		
Details of civil works is to be done:		

Power requirement (in KVA)		
Electrification done in the proposed site		
Availability of main input Power cabling in the proposed site		
Details of electrical works is to be done		
Site ready (Please tick one)	*YES*	*NO*
Expected date of site readiness		

User Department: Sign: Date: Name: Designation: Seal:	Head of the institute: Sign: Date: Name: Designation: Seal:

Note: Successful supplier shall provide guidance and supervision to the user as per Annexure-27.

CGMSC
(State Government Undertaking)

ANNEXURE-22

PERFORMAN CECERTIFICATE

(To be filled by the head of user institution individually for every equipment)

Name of the facility :	
Name of the Supplier	

Equipment Details			
Name of the equipment:		**Purchase Order No:**	
Item Code		**Purchase Order Date:**	
Make / Manufacturer		**Purchase Amount**	
Model		**Equipment S. No.**	
Serial no.		**Project Name**	
Date of Installation		**Location / Department**	
Whether Equipment working satisfactorily without any problem for 02 months?			**YES ☐ NO ☐**
If No, provide details of equipment failure in last 02 months (Attach additional details if any in a separate sheet)			

BREAK DOWN DETAILS				
Break down Reported Date	**Attended date**	**Rectified date**	**Attended by**	**Details of beak down / service**

ANNEXURE-24

INFORMATION & INSTRUCTIONS TO THE BIDDERS FOR ONLINE ELECTRONIC CHHATTISGARH GOVERNMENT PROCUREMENT SYSTEM (e-GPS)

Special Conditions & instructions for online Electronic Government Procurement System (online e-GPS) as given in the subsequent pages will prevail over the conditions stated in the tender documents in the previous pages, wherever relevant and applicable.

1. **Registration of the Bidders on Chhattisgarh Government e-Procurement Portalhttp://eproc.cgstate.gov.in**

   All the bidders in order to participate in the tenders floated using the Electronic Procurement System are required to be registered on https://eproc.cgstate.gov.in

2. **Set-up of Machine:**

   In order to operate on the electronic procurement system, setting of User's machines is required. For which User has to install some utilities in his machine as per the instructions given in (Available for download on the e-procurement portal).

   Obtaining a Digital Certificate: 2

   The bids submitted online should be signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an approved certifying authority, authorized by the Controller of Certifying Authorities, Government of India.

   A Digital Certificate is issued upon receipt of mandatory identity proofs and verification letters attested by Gazette Officer. Only upon the receipt of the required documents, a digital certificate can be issued.

   Important Note: Bid for a particular tender may be submitted only using the digital certificate. In case, during the process of a particular tender, the user loses his Digital Certificate (i.e. due to virus attack, hardware problem, operating system problem etc.); he may not be able to submit the bid online. Hence, the users are advised to back up the certificate and keep the copies at safe places under proper security to be used in case of emergencies.

   In case of online tendering, the digital certificate issued to the authorized user of a firm and used for electronic tendering will be considered equivalent to a no-objection certificate/power of attorney to that user. The firm has to authorize a specific individual via an authorization certificate signed by all partners to use the digital certificate as per Indian IT Act 2000. Unless the certificate is revoked, it

willbeassumedtorepresentadequateauthorityoftheusertobidonbehalfofthefirmforHealth

Department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm. It shall be the responsibility of management/partners of the registered firm to inform the Certifying Authority or Sub Certifying Authority, if the authorized user changes, and apply for a fresh digital certificate and issue a fresh 'authorization certificate' for the new user.

The same procedure holds true for the authorized users in a private/public limited company. In this case, the authorization certificate will have to be signed by the directors of the company. **Opening of an Electronic Payment account:** For Submitting the bids online Bidders are required to make online payment for Bid Submission fee using the electronic payments gateway service as mentioned in the List of online payment modes. The bid submission fee is over and above the Tender Processing fee and EMD to be paid as per Cover 'A', while bid submission online.

Arrangements have been made for Bidders to make payments online via Credit Card / Cash Cards / Internet Banking / mobile banking.

3. **Payment for submission of bids online:** The tender documents may be downloaded online directly by eligible Bidders. The Bidders are required to make the payment for bid submission through online payment modes mentioned in *Point No. 3* above.

   The suppliers can submit the bids by making online payment of submission fees using the service of the secure electronic payments gateway, and should print out the system generated receipt for their reference which can be produced whenever required.

   The secure electronic payments gateway is an online interface between Bidders and credit card / online payment authorization networks.

   Submission of bids, EMD and other documents will be governed by the time schedule given under "Key Dates" on the online e-Procurement System portal for the particular tender.

4. **Tender Download:** Eligible Bidders can download the Tender Document online.

5. **Submission of Bid Seal of online bids:** The online submission of bids will be preceded by submission of the "digitally signed bid seal" as stated in the tender time schedule (Key Dates) published in the NIT. The contractor cannot change any bid data after the generation of bid seal.

6. **Submission of Earnest Money Deposit:** The bidder will be required to submit their Tender processing fee and Earnest Money Deposit by way of E-transfer to the Bank Account details as mentioned in EMD clause. In case the bidder is exempted from submitting EMD, the exemption certificate should be uploaded by the bidder. The Supplier will also upload scanned copy of EMD Transfer receipt along with other details during online bidding under Cover A.

7. **Opening of Tender documents:** The authority receiving the tenders or his duly authorized officer shall first open the "Cover A" of all the bidders and check for the validity of Tender Processing

Fee& EMD as required by CGMSC. In case, the requirements are incomplete, the Technical Bid as submitted in Cover B of the concerned bidder received shall not be opened.

The authority shall then open the tenders submitted by the suppliers online through the CGMSC CG Government procurement website.

8. **Key Dates:** The suppliers are strictly advised to follow the tender schedule (Key dates) for their side of tasks and responsibilities to submit their bids, as the system is time and date locked.

NOTE:

- Select the product for which bid to be quoted and calculate EMD.
- Make RTGS/NEFT payment for EMD and Tender processing Fee
- Details of RTGS/NEFT Payment:

  Account Name: **CGMSC Ltd Equipment Procurement Account**

  Account No: **540901010050669**

  Bank Name: **Union Bank of India, Shankar Nagar Branch, Raipur. CG**

  IFSC/RTGS code: **UBIN0554090**
- Upload relevant documents in cover A, B and C

ANNEXURE-25

CHECK LIST
(This checklist is for bidder's own use only and is not to be uploaded in E-Procurement site.
This checklist is not the final document list and it is merely a helping aid.)

S. N.	Particulars	Submitted
COVER – A for Manufacturers		
1	Copy of RTGS/NEFT Receipt along with UTR Number for submission of tender processing fee and EMD / Proof regarding exemption of EMD (color scanned copy of original only).	
2	Description of the bidder with contact detail (As per Annexure-01)	
3	List of items for which bid is quoted (As per Annexure-02)	
4	Scanned copy of original and valid Manufacturing license for item/items quoted.	
5	Scanned copy of original and valid Cert. **(USFDA / European CE/ BIS or Certificate mentioned in Technical specification)** issued by appropriate authority mentioning address of manufacturer.	
6	Manufacturer offer form as per Annexure-03 along with power of attorney (as per Annexure-05) in favor of signatory of above Manufacturer offer form.	
7	Details of nearest Local/Authorized Service Center (As per Annexure-06).	
8	Acceptance of all terms & conditions in all Sections of Tender document. (Declaration as per Annexure-07)	
9	Bidder should submit duly filled, attested, pre-contract integrity pact. (Annexure-08)	
10	Turnover certificate as per Annexure-09 (UDIN is mandatory).	
11	GST Registration certificate with GST return of any 01 month out of the last 03 months preceding the month in which tender was published (online) In case the bidder is not registered under GST in Chhattisgarh at the time of bidding, they must mandatorily submit an undertaking confirming that GST registration in Chhattisgarh will be obtained before the award of the contract or issuance of the purchase order. **As per Annexure 28**	
12	Bank Details (Annexure-10)	
13	Documents such as scanned copies of original purchase order(s) with proof of supply from user institutions showing that the bidder has previous experience of at least 03 years (for the years mentioned in Annexure-09) in the business of the supply and installation of equipment(s) offered.	
14	Land Border declaration as per format	
15	Other relevant certificates/documents (if applicable)	
S.N	**Particulars**	**Submitted**
COVER - A for Authorized Distributors/100% Subsidiary		

1	Copy of RTGS/NEFT Receipt along with UTR Number for submission of tender processing fee and EMD / Proof regarding exemption of EMD (color scanned copy of original only).	
2	Description of the bidder with contact detail as per Annexure-01	
3	List of items for which bid is quoted (As per Annexure-02)	
4	Scanned Copy of valid manufacturing license/certificate, Valid **(USFDA / European CE/ BIS or Certificate mentioned in Technical specification))** issued by appropriate authority.	
5	Authorization for sales and service from original manufacturer as per Annexure-04	
6	Details of nearest Local/Authorized Service Center (As per Annexure-06).	
7	Acceptance of all terms & conditions in all Sections of Tender document. (Declaration as per Annexure-07)	
8	In case of 100% subsidiary company, CA/CS certificate (having UDIN) confirming 100% subsidiary status(Annexure-11)	
9	Bidder should submit duly filled attested pre-contract integrity pact.(Annexure-08)	
10	Scanned Copy of Import Export Certificate. (if Applicable)	
11	Turnover certificate as per Annexure-09 (UDIN is mandatory).	
12	GST Registration certificate with GST return of any 01 month out of the last 03 months preceding the month in which tender was published (online) In case the bidder is not registered under GST in Chhattisgarh at the time of bidding, they must mandatorily submit an undertaking confirming that GST registration in Chhattisgarh will be obtained before the award of the contract or issuance of the purchase order. **As per Annexure 28**	
13	Bank Details (Annexure-10)	
14	Documents such as scanned copies of original purchase order(s) with proof of supply from user institutions showing that the bidder has previous experience of at least 03 years(for the years mentioned in Annexure-09) in the business of the supply and installation of equipment(s) offered.	
15	Self-declaration as authorized for this tender as per Annexure-12 (Indicate Item name and model too).	
16	Other relevant certificates/documents (if applicable)	
17	Land Border declaration as per format	

S. N.	Particulars	Submitted
	COVER – B	
1	Make and model of the equipment (mandatory)	
2	Brochure/Leaflet/Literature/Manual	
3	Technical data sheet of the model quoted (required parameters highlighted by marker)	
4	**(USFDA / European CE/ BIS or Certificate mentioned in Technical specification)** /CDSCO/Other relevant Certificates mentioned in eligibility criteria/Specification of tender document indicating Quoted Model.	
5	Valid CPCB Clearance/AERB clearance or any other statutory certificate for Item (Model) quoted as necessary (Whether asked or not in bid document) (if applicable)	
6	Product specification in specified column of Annexure–13. Suppliers/Bidders have to give technical compliance statement for each clause of tender specification in the form of Yes or No. Any deviation should also be mentioned clearly in the tabular form. Bidders should avoid writing words like "As per compliance, complied/comply, As per tender specification, copy and pasting of tender specification as it is without mentioning any deviation (If any).	
7	Supplier must specify clearly on their OEM letter head whether the equipment is open/closed system (This is for information only).	

	COVER – C	
S. N.	**Particulars**	**Submitted**
1	Annexure – 14 Part A (Mandatory)	
3	Annexure – 14 Part B (Mandatory)	
4	Annexure – 14 Part C (Mandatory)	
5	Cost of Essential Consumable/ Accessories: The supplier should draw up a cost of high usage and high value item/ components and Essential Consumable/ Accessories along with estimated quantities of usage in the initial period of the operation. The Essential Consumable/ Accessories, unit price and quantities shall be submitted by the bidder and indicated separately.	
6	Proof for justification of prices (if any)	

Note: This checklist is for bidder's own use only and not to be uploaded in E-Procurement site. It does not mean that it is the final document list and it is merely a helping aid. Bidder must read each & every page of tender document carefully for complete list of documents to be uploaded/attached, for establishing their eligibility (Cover A), requirements of Cover B & C respectively.

ANNEXURE-26

SCHEDULE OF REQUIREMENT

Facilities for SITC of LMO and MGPS					
S.No.	**District**	**Facility**	**Oxygen beds-Qty**	**LMO (Min. 10 KL with manifold and interconnections)-Qty**	**Warranty in Years**
1	Balrampur	DH Balrampur	60	1	5
2	Bemetra	DH Bemetra	30	1	5
3	Bijapur	DH Bijapur	50	1	5
4	Bilaspur	Medical College, Bilaspur	50	1	5
5	GPM	DH GPM	50	1	5
6	Jashpur	DH Jashpur	50	1	5
7	Kanker	DH Kanker	30	1	5
8	Kondagaon	DH Kondagaon	30	1	5
9	Korba	DH Korba	50	1	5
10	Koriya	DH Koriya	50	1	5
11	Mungeli	DH Mungeli	50	1	5
12	Narayanpur	DH Narayanpur	50	1	5
13	Raigarh	Medical College, Raigarh	50	1	5
14	Raigarh	MCH, Raigarh	30	1	5
15	Rajnandgaon	DH Rajnandgaon	50	1	5
16	Sukma	DH Sukma	70	1	5
17	Dantewada	DH Dantewada	50	1	5
18	Surajpur	DH Surajpur	50	1	5
19	Surguja	DH Surguja	50	1	5
Facilities for SITC of MGPS					
S.No.	**District**	**Facility**	**Oxygen beds-Qty**	**LMO (10 KL with manifold and interconnections)-Qty**	**Warranty in years**
1	Bilaspur	MCH Bilaspur	50	NA	5
2	Janjgir	MCH Sakti	50	NA	5
3	Kanker	CHC Bhanupratappur	30	NA	5

Part II: Required Delivery Schedule:

Supply, Installation and Commissioning to be completed within 120 days as per tender clause. Tenderers may quote earliest delivery period.

For delayed delivery and/ or installation and commissioning liquidated damages will get applied as per tender clause.

The supplier has to ensure the site readiness from the Head of the Institute/Nodal officer of respective

consignee before dispatching the equipment.

Note:

I. Supplier has to submit Performance Security within 21 days of placement of order. Any delay will be treated as non-performance and Liquidated Damages shall be levied as per tender clause.

II. Supplier has to submit Layout drawing for approval within 21 days of placement of order. Any delay will be treated as non-performance and Liquidated Damages shall be levied as per tender clause.

Part III:

Scope of Incidental Services:
Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in tender. Five (5) persons each from each medical college/ institution needs to be trained for "Medical Gas Pipeline System (MGPS)"

Part IV:

Site Modification Work (if any) as per details in Technical Specification.

Part V:

Warranty period will be 60 months from the date of installation, commissioning and acceptance.

Part VI:

Supplier has to quote for maintenance for initial five-year period as defined in tender scope of works. Comprehensive Maintenance Contract (CMC) as per details in Technical Specification as specified in part I above.

ANNEXURE-27

TECHNICAL SPECIFICATIONS FOR MGPS

1. **Oxygen/Nitrous Fully Automatic Digital Control Panel (Incl. all accessories with installation)**

Automatic Fully Digital control panel should be constructed in accordance with the requirement of international standards with 2600 LPM Pressure capacity. The fully automatic oxygen control panel should comply with HTM 02-01/NFPA 99C/DIN/EN. It should be CECertified or UL listed under//USFDA Medical Devices Directive.

2. **Automatic Change over System (Incl. all accessories with installation)**

Switchover panel system should able to switchover from PSA plant to Control Panel.

3. **Fully Automatic Control Panel (Incl. all accessories with installation)**

Automatic Digital control panel should be constructed in accordance with the requirement of international standards with 2600 LPM at 50 to 60 psi. fully automatic control panel will consists of left bank, right bank and third source such as PSA plant. Control panel should be fully automatic and able to switchover from PSA plant to left/ right bank with adequate pressure if PSA plant breakdown or pressure dropsThe fully automatic oxygen control panel should comply with HTM 02-01/NFPA 99C/DIN/EN. It should be CE Certified or UL listed under Medical Devices Directive.

4. Gas Manifold for Oxygencylinders (Incl. all accessories with installation)

Manifold shall consist of two high pressure header bar assemblies to facilitate connection of primary and secondary cylinder Oxygen Manifold complete with copper pig tail pipe, NRV. It should be CE & ISO 13485 Certified. Supplies the quantity of cylinder configuration: Oxygen Manifold, only one configuration of main manifold as 4+4 and emergency manifold as 2+2 with high flow oxygen regulator to be considered for each of the hospitals.

5. Emergency Manifold Oxygen. Cylinders (Incl. all accessories with installation)

Manifold shall consist of high-pressure header bar assemblies to facilitate connection of cylinder. Oxygen Manifold complete with tail pipe, NRV. It should be CE & ISO 13485 Certified. supplies the quantity of cylinder configuration which mention below:

a)2+2

8. Vacuum System. (Incl. all accessories with installation)

Dry air vacuum pumps with receiver , filters, electrical, bacterial filter for vacuum system. Specially designed Stainless-Steel Manifold, Low noise- Ideal for Hospital applications, Low oil carry over and low maintenance cost, Compact and easy to install- No foundation required, Special honing of cylinders resulting in low friction between cylinders and pistons. Supply with Adequate electric panel, storage tank, Filters and other accessories complete in all respect. a. 2 HP X2 b. 3 HP X2 c. 5 HP X2 d. 7.5 HP X2 e. 10 HP X2

9. Air Compressor System with Dryer (Incl. all accessories with installation)

Should be 100% oil free & size free compressor with Liquid gasket, heat resistant & thermosetting composite resin piston & rings. critical maintenance free (cmf) technology, High temperature resistance (up to 300'c). Supply with Adequate electric panel, storage tank, Filters, Air Compressor System with Dryer and other

accessories complete in all respect.

a. ½ HP X2

b. 1 HP X2

c. 2 HP X2

d. 3 HP X2

e. 5 HP X2

f. 10 HP X2

g. 15 HP X2 h. 20 HP X

i. 30HP X2 22 mm OD x 0.9 mm Thickness

g. 15 mm OD x 0.9 mm Thickness

10. Copper Pipes (Incl. all accessories with installation):

Copper pipe should be as per standard IS/ISO 7396 : Part 1 : 2007 and BS:EN 13348-2016 standards or any other Indian IS Equivalent ; Solid drawn, seamless, deoxidized, non-arsenical, half hard, tempered and degreased copper pipe conforming to the standard. All copper pipes should be degreased & delivered capped at both ends. The pipes should be accompanied with manufacturers test certificate for the physical properties & chemical composition. Copper pipe must have reputed third party Lloyd's inspection certificate. Fittings should be made of copper and suitable for a working Pressure of up to 17bar and especially made for brazed socket type connections. All copper pipes should be medical grade.

a. 108 mm OD x 2.5 mm Thickness
b. 76 mm OD x 1.5 mm Thickness
c. 67 mm OD x 1.5 mm Thickness
d. 54 mm OD x 1.2 mm Thickness
e. 42 mm OD x 1.2 mm Thickness
f. 28 mm OD x 0.9 mm Thickness
g. 22 mm OD x 0.9 mm Thickness
h. 15 mm OD x 0.9 mm Thickness
i. 12 mm OD x 0.9 mm Thickness

11. Gas Outlets (Oxygen, Suction, Air, Nitrous) (Incl. all accessories with installation)

BS Type Terminal Units (Gas Outlets) with probes/Adaptors for O2, N2O, Compressed Air (4 bar), AGSS, Vacuum & CO2.Color-coded gas specific front plate. Totally leak proof, safe & easy to operate. Configurationspossible: surface, flush & Bead-headShould be CE Certified or UL listed or USFDA under Medical Devices Directive Pressure.

12. Bed head unit aluminum 4 feet

Bed Head Panels for ICU/HDU Bed Head Panels horizontal/ vertical It should have the following features Minimum length 1.2 meter. Efficient, safe & Robust design in extruded 19luminium section. Smooth curved surfaces, with acceptable color choice Should have an integrated rail system to mount accessories Segregation of services i.e. low voltage supplies, high voltage supplies, and medical gases should be maintained throughout. Entire pipe line should run in continuous horizontal panels with no break for each unit & length as per area where it has to be installed. Facility as per under-Oxygen-2, Vacuum-1, Medical air-1, Infusion pump mount pole with adopter for mounting at least two pumps. Electrical outlets-6. Combined 15/5including01 Monitor tray, 01 IV Rod, 01 Accessories Basket.

13.Modular (horizontal shuttle type) pendants for gas supply system and electrical outlets

- Modular (horizontal shuttle type) pendants for gas supply system and electrical outlets
- Load bearing capacity minimum 80 Kgs-Beam Length approx. 2.8Meter
- The allowable rotation angle of each axis should not be less than 340 degrees
- Ports for Gas outlets x 4 no, 16 Amps Electrical outlet 8 no & RJ45 x 1 no
- 2 monitor/ Instrument tray, Pole for Infusion Pump.
- The certification for the item should be CE Certified or UL listed under Medical Devices Directive.

Isolation ball valve (Incl. all accessories with installation)

14. Compression ends to BS864, Full bore, BS 864 is specification for copper alloy (brass) Compression (threaded) fittings.Quarter turn operation, High quality PTFE seal and Nickel platedfinish. Should able to install withoutgas welding technique. It should be CE Certified or UL listed under Medical Devices Directive.

a. 108 mm (Compression Ball Valve with Steel Lockable Lever)

b. 76 mm (Compression Ball Valve with Steel Lockable Lever)

c. 67 mm (Compression Ball Valve with Steel Lockable Lever)

d. 54 mm (Compression Ball Valve with Steel Lockable Lever)

e. 42 mm (Compression Ball Valve with Steel Lockable Lever)

f. 28 mm (Compression Ball Valve with Steel Lockable Lever)

g. 22 mm (Compression Ball Valve withSteel Lockable Lever)

h. 15 mm (Compression Ball Valve with Steel Lockable Lever)

i. 12 mm (Compression Ball Valve with Steel Lockable Lever)

15.Oxygen Flow meter (Incl. all accessories with installation):

BPC Flow meter with Humidifier : Back Pressure Compensated flow meter will be of accurate gas flow measurement with following features: · Control within a range of 0–15 lpm (calibration within +/-10%). · It will meet strict precision and durability standard. · The flow meter body shall be made of brass chrome plated materials. · The flow tube and shroud components shall be made of clear, impact resistant polycarbonate. · Flow Tube shall have large and expanded 0–5 lpm range for improved readability at low flows. · Inlet filter of stainless steel wire mesh toprevent entry of foreign particles. · The humidifier bottle shall be made of unbreakable polycarbonate material and auto clavable at 121 degree Centigrade temperature.Should be ISO 13485 & CE Certified.

16. Ward Vacuum Unit (Incl. all accessories with installation) :

The unit will consist of a regulator, Reusable collection jar, made of unbreakable poly carbonate material and fully autoclavable at 121 degree centigrade • A wall bracket for mounting the jar assembly on the wall. • The vacuum regulator shall be infinitely adjustable and have vacuum gauge which indicates suction Tender Medical Gas Pipeline System Admn/General/218/2013-supplied by the regulator. Safety trap shall be provide inside the jar to safeguard the regulator from overflowingShould be ISO 13485 & CE Certified. a) 600ml b) 1000ml c) (1000mlx2) with trolly.

17.Conversion Kit for Oxygen/Nitrous (Incl. all accessories with installation)

Pertaining to all mentioned parameters suggested for operations for 10-30 beds Pressure Reducing System

having non halogenated polymer materials in the high pressure side of the regulator.

18.Area Alarms (Analog) (Incl. all accessories with installation)

The medical gas central alarms should be capable of monitoring medical gas services by means of pressure sensors which detect deviations from the normal operating limits of either pressure or medical vacuum. The area alarm should have a digital/analogue display of pressures. The medical gas area alarm should fully satisfy the HTM 02-01/ NFPA 99 C/EN/DIN or any other Indian IS Equivalent requirements or CE Certified or UL listed or BIS certified Indian manufacture equivalent product/ item under Medical Devices Directive.

Each gas service should be displayed by colored LED's to show 'Normal' (green), 'Low' / 'High Pressure' (red) conditions. Failure indications should be displayed by flashing lights and normal indications should be steady light. An audible warning should sound simultaneously with any failure indication, and a mute facility should be provided. Following a mute selection the audible should resound after few minutes should automatically reset when the gas service returns to normal.

The alarm panel should have a 'test' facility to prove the integrity of the internal circuits, LED's and audible warning. The alarm panel should incorporate a volt free normally closed relay to allow for interconnection to either a medical gas central alarm system or an event recording circuit of a building management system.

a. Line pressure Alarm Single gas (O2)

b. Line pressure Alarm Dual gas (O2, VAC)

c. Line pressure Alarm Triple gas (O2, VAC,Air)

d. Line pressure Alarm 4 gas

19. Master Alarm

Each Master Alarm should be modular in design and be fitted with required number of master alarm modules. The master alarms should be capable to monitor from 10 to 30points in a standard box or 10 to 50 points in a large box.

Each point represents an alarm condition that the source equipment might have. When an alarm condition exists, a red light flashes and the audible alarm sounds. If several alarm conditions occur simultaneously, the most recent alarm light should flash, while the other alarm lights should remain lit. When an alarm condition is created, an audible alarm should be actuated. A dry contact module should be available to interface with a building management system.

20.Pressure Reducing system

a) Pressure Reducing system Able to reduce inlet pressure 10 bar to Adjustable 4 to 8 bar with flow rate of 0~600 m3/Hr(item no 20) AND

b) Pressure Reducing system able to reduce inlet pressure 150 bar to Adjustable 6 to 10 bar with flow rate of 0~600 m3/Hr

21.BrassNon-return Valve (NRV) for Manifold

22.Pig Tail Pipe copper type

Copper type tail pipe along with Bull Cylinder Nut.

23.Pre Painting:

All exposed pipes should be painted with two coats of synthetic enamel paint and color codification should be as per British standards.

Oxygen line…..White,

Vacuum line….Yellow,

Air line……. Black with white band &

Nitrous Oxide….Blue

24.Installation & testing

Installation of piping shall be carried out with utmost cleanliness. Only pipes, fittings and valves that have been degreased and fittings shall be used at site. Pipe fixing clamps shall be of nonferrous or non deteriorating plastic suitable for the diameter of the pipe.

Inert gas welding technique should be usedby passing oxygen Free Nitrogen Gas inside the copper pipes during silver brazing, in order to avoid carbon deposition inside the copper pipes. Only copper-to copper joints are permitted on site except threaded or flanged joints may be made where pipelines are connected to items such as valves and control equipment. No flux shall be used for joining Copper to Copper joints and on for joints made on site. Copper to copper joints shall be brazed using a 5% silver copper phosphorous brazing alloy CP104. A total of 5 joints shall be cut out for examination to establish the quality of the joints being made on site. The insides shall be clean and free from oxides and particulate matter and the minimum penetration of the brazing alloy at any point shall be three times the wall thickness of the tube. If the joints examined do not conform to these requirements, then adjacent joints shall be cut out and examined until the extent of faulty workmanship has been made good. Copper-to brass or gunmetal joints shall only be made under controlled conditions off site. The joints are ordinarily used to join short copper pipe tails to brass, gunmetal or bronze fittings to permit their connection into the pipeline. The sub-assemblies shall be degreased and individually sealed in bags or boxes before delivery to site.

Adequate support should be provided while laying pipelines to ensure that the pipes do not sag. Suitable sleeves shall be provided wherever pipes cross through walls / slabs. All pipe clamps shall be non-reactive to copper.

After erection, the pipes are to be flushed with dry nitrogen gas and then pressure tested with dry nitrogen at a pressure equal to twice the working pressure or 150 psi, whichever is higher for a period of not less than 24 hours.

25. Certification of Bidder & Products

All product should have mention certificates, bidder should have and ISO 7396–1 (Medical Gas Pipeline System) Certificate, Bidder should have govt. registered sales/service office within Chhattisgarh for quick and prompt services. Bidder should submit Manufacturing certificate (MSME/SSI or equivalent) if manufacturer or Manufacturer's certificate along with tender specific authorization letter.

The bidder should provide 24 X7 remote service support on call basis as and when required, moreover. Technical staff should be provided within 2 days with complaints via mail or phone if required in urgent scenarios.

TECH SPECS OF LIQUID MEDICAL OXYGEN STORAGE TANK

The double walled Vacuum Insulated Evaporator (VIE) shall be constructed of stainless-steel inner vessel contained within a carbon steel outer vessel. The annular space between the vessels shall be filled with non-inflammable perlite insulation material to insulate under vacuum. The VIE should be self-pressurizing type by partial evaporation of liquid oxygen through a pressure building coil by a non-ferrous imported pressure regulator.

The vessel shall be supplied as a functional whole with all materials of construction & the cleaning regime

suitable for medical grade liquid oxygen. Material used (including lubricants) should conform to EIGA IGC 73/17/E (Revised version of Doc 73/08).

The LMO tank should have Liquid outlet & Gas Outlet along with all the necessary valves and accessories. There is constant display of the level of LMO and pressure etc. inside the vessel. The output from the tank is connected through a copper pipe of suitable diameter to the MGPS network at the MGPS Manifold.

Quantity: Minimum 10 KL x 1 No.

Installation: Outdoor

Type: Double walled, vertical

Capacity: Minimum 10,000 liters water capacity

Design code: ASME Sec.VIII Div.I latest Edition / EN - 13458-2 Annexure-C/ AD2000 MARKBLATTER 2004 Edition

Max. working pressure: 17 Bar G

Design temperature: -196 to +50 degrees Centigrade

Hydraulic Test Pressure: 26 Bar G

Type of Insulation: Vacuum, perlite filled

Safety Valve Set pressure valve: 17 Bar G (Dual safety valve with three-way diverter valve)

Bursting Disc Set Pressure: 23 Bar G

Standard fittings: Pressure rising coils capacity and size, dual safety valve with imported three-way diverter valve, bursting disc., pressure gauges, liquid over flow line, Liquid level gauge and adequate numbers of extended spindle glove valve etc.

The pressure regulator installed should be made of suitable material (Nonferrous) with bonnet & trim parts. Inlet pressure max. 20 Kg/sq cm., outlet pressure range within 0.5 to 10 kg per sq cm (adjustable).

Maximum Evaporation Rate: <1% of net value.

Material of Construction: Inner shell and wetted parts of SS 304 is Outer shell of CS ASTMA 516 Gr. 70 / CGA 341 2002 EN13455 S275/S355

Joint Efficiency: 100%

Radiography :100% for inner, for outer spot

External piping: From LMO Tank to Vaporizer SS304. From Vaporizer to inlet of Pressure is Reducing Station SS304. From Outlet of Pressure Reducing Station to Main header Copper.

Cryogenic Valves: Non-ferrous

Cryogenic Safety Valves: Non-ferrous

Pressure Building regulator: Non-ferrous with standard specifications.

Leak Detection test: Helium Leak detection

Inspection: By 3rd party (SGS/LLOYDS/TUV)

Cleaning Nitrogen: with degreasing for Service and Pressurize

Withdrawal rate: 1000 cum per hr. at 12 bar G

Should have safety features in line with Global Safety as part of installation The minimum safety (Alarm) features for LMO installation are as follows:

- Alarm VIE (Vacuum Insulated Evaporator)
    - o For low content level (audio-visual) and
    - o Low pressure alarm (audio-visual) and backup at manifold room.
- Alarm VIE low pressure alarm (audio-visual) low pressure in pipeline system. Deviation or fall in pipeline pressure by more than plus minus 10% from nominal distribution pressure (The nominal distribution pressure should be within the range of 400kPa to 500 kPa).
- Alarm for changeover from primary to secondary supplies.
- Alarm for secondary or reserve supply below minimum pressure.
- Dual parallel regulator system for uninterrupted supply in case of regulator has to change for repair. One regulator is set at 4.2 bar and the other at 3.8 bar as per international practice.
- Three-way gauge valve for isolation of line pressure with manual manoeuvre.
- Remote monitoring telemetry-continuous monitoring of VIE stock based on daily consumption (automatic modification of tank replenishment).

Pressure Reducing Station

- The healthcare facility supply pipeline reducing station which reduces supply pressure must consist of dual parallel regulator system.
- Both regulators must be online, and all isolation valves and regulators must be kept in the open position.
- The nominal distribution pressure should be maintained within the range of 400kPa to 500kPa.
- Pressure relief Valve - Medical oxygen pipeline system should be provided with a pressure relief device downstream of the line pressure regulator connected by means of a 3-way valve.
- Material used should conform to (including lubricants) EIGA IGC 73/17/E
- The control equipment should be protected from weather.

Structural strength of foundation of LMO tanks to be verified by the structural consultant
ACCESSORIES:

LMO Tank alongwith P&ID shall be fitted with the following accessories:
Top Fill Valve
Bottom Fill Valve
Liquid charging line blow valve
Liquid Delivery Valve
Overflow Valve
Gas blow valve
Filling Coupling
Vaporizer Coupling
Liquid Level Gauge (Dial 100 mm).
High Level Valve
Equalizing Valve
Low level Valve
Pressure Gauge (100mm dial, Range 0-25 kg/cm2)
Pressure Gauge Isolation Valve
Pressurizing Valve
Pressurizing Coil
Filter
Pressure Regulator
Check Valve
Evacuation Port
Vacuum Gauge Connection Port/vacuum probe valve.
SAFETY FITTING:
Two safety valves for inner vessel fitted on pipe line with flow divert valve
Rupture disc for inner vessel.
Safety valve for inlet pipeline.
Safety valve for pipeline of pressurizing evaporator.
One rupture disc/ safety device on outer vessel.
SUBMITTALS:
The Liquid Medical oxygen tank shall accompany the Original Quality Test Certificate covering following Documents:
Approval letter from CCOE along with approved drawing from CCOE.
Approval letter from CCOE for use of cryogenic vessel(s) at site.
Certificate from the authorized inspection agency.
Heat chart for pressure parts.
Dimension checks report.
Dished End reports.
Mechanical properties test report for production test coupon.

Visual inspection report.
Radiography examination report.
Liquid penetrant examination.
Cleaning inspection report.
Hydro-pressure test report.
Liquid Oxygen supply system
One vessel of 1X10 KL Liquid oxygen VIE vessel system will be the primary (main) supply source and another vessel of 1X10 KL will be secondary source. In case of failure in liquid oxygen supply, it should automatically switch over to an emergency oxygen manifold having 2 X 16 cylinders. Design should be state-of-the-art.
The unit should consist of a double walled vertical vessel (inner pressure vessel made of stainless steel and outer vessel of carbon steel).It should be fitted with standard accessories and should be "passed" the standard inspection requirement at factory for VIE. The copy of the certificate should be forwarded to CGMSCL prior to shipping and original should be enclosed along with the shipping document. Bidder should follow international Standards.
Product and Service Specification:
Capacity of the primary liquid oxygen storage tank is 10KL and secondary is 10 KL.
Gas outlet pressure to be maintained at 4.2 kg/cm2.
Space taken for installation should be as per regulations of Indian explosive controller and having easy access for LMO tank.
The site would be protected by fence around, well lit by sodium vapour lamps and demarcated with proper signage.
Indication of liquid oxygen level and outlet gas pressure should be provided.
Automatic change over should be provided between the primary and secondary LMO tanks. In case of failure in liquid oxygen supply, it should automatically switch over to an emergency oxygen manifold having 2 x 16 cylinders
Specification of Components
Product: The liquid medical oxygen (LMO) to be supplied at sites should be IP grade. The LMO supplied should comply with all relevant SMPV regulations and standards under the preview of the Indian Drugs and Cosmetic Act rules. They should also satisfy the IP 2022 or latest specifications.
Storage Tank Specifications
The storage tank and the vaporizer coils should be designed as per the ASME Sec.VIII Div.I latest Edition / EN -13458-2 Annexure-C/ AD2000 , MARKBLATTER 2004 Edition
The cryogenic vessel will be of cylindrical shape with vaporiser and the pressure control system. It should be provided with the essential components to fill the liquid, to build up pressure, to relieve pressure, to withdraw product and to evacuate the vessel. All protective,

safety and alarm provisions mandatory to Liquid Medical Oxygen plants should be supplied.
The requirement of the Cryogenic Vessel should be:
1. Configuration: Vertical
2. Inner vessel maximum allowable working Pressure: 17 kg/cm2
3. Inner vessel hydrostatic test pressure: Greater than 26 kg/ cm2
4. Outer vessel material of construction: Carbon steel
5. Inner vessel material of construction: Stainless steel
6. Independent AV coil should be provided with each vessels (i.e 2 nos of Voporiser coils)
Storage Tank Capacity
Vacuum insulated evaporator vessel should have a capacity of 10X1 kilo liters and other with 1X10 kilo litres. The AV coil should have adequate capacity to handle the gas flow requirements of the hospital.
Vaporiser Coil
1. Maximum operating Pressure: 20 kg/cm2
2. Design Pressure: 22 kg/cm2
3. Pneumatic test Pressure: Greater than 24 kg/cm2
4. Inlet temperature: - 196 to +40°C.
5. Duty cycle: Continuous duty
6. Flow rate : 300 cubic metre/ hour (for each coil) i.e 2 nos of vaporiser coil
The fence, foundation, lighting, signage, approach gate etc are to be designed and installed by the vendor.
Safety
The vendor should ensure that all international safety norms and standards applicable as implemented and certified by the CCE.
Following are the mandatory provisions for vessel:
Vessel low pressure alarm
Pipeline low pressure alarm.
Twin regulator
Twin safety valve
Non return valve and 3 way diverter (bypass) valve
Automatic changeover to manifolds with control panel
Alarm on indicating manifold in use in case the vessel is not in use.
Alarm on low pressure back-up manifold cylinders
Statutory Requirements
All statutory requirements of the Chief Controller of Explosives of India and SMPV rules need to be followed, besides all regulations and guidelines put forward by the Govt. Of India from time to time should be followed.
Maintenance

All routine preventive maintenance and break-down maintenance of the liquid oxygen plant should be done by the vendor. Experienced personnel should be readily available.
Log of all works undertaken in the plant should be meticulously maintained by the vendor.
Bulk cylinders for the manifold will be arranged by the hospital. The hospital will ensure that the cylinders are full and ready to use during emergencies.
Remote Telemetry Unit is mandatory to be installed with Medical Liquid Oxygen Tanks as per recommendations of PESO. It should allow user to see the Level and Pressure of tank in digital format. It should have efficient low power design with Lithium Battery. It should have Free Mobile Application with Notifications. It should have Free access to Unlimited web users. It should have Free Emails / SMS alerts every hour. It should send Alerts when tank level reaches to 50%, 30%, empty of its capacity. Complete integrated unit including level & pressure sensor, transmitter, battery as well remote telemetry. Accuracy ± 0.5%

SN	SITC of Medical Gas Pipeline System (MGPS) for various locations in Chhattisgarh
	The MGPS comprises of:
1	Primary LMO Tank System (Min.10KL inclusive of Control Panel & Automatic Switchovers)
2	Secondary Oxygen Manifold and Emergency oxygen manifold with automatic control panels
3	Distribution of Piping Complete with Accessories.
4	Area Valve Service System.
5	AGSS system Complete
6	Alarm Systems (Master & Area)
7	Gas Outlets with Probes
8	Bed Head Panels
9	Other associated & Optional works
	RESPONSIBILITY OF BIDDER
1	Bidder shall be responsible for complete design, supply, installation, testing and commissioning including Civil Modification works, demolition and construction as applicable. The bidders are required to survey the site before furnishing the quotations. Supply and filling of the LMO vessel with Liquid Medical Oxygen (LMO) for the purpose of testing, commissioning, trial operation, and demonstration of satisfactory performance of the system shall be entirely under the scope of the bidder. The bidder shall arrange the required quantity of LMO at its own cost and responsibility. No extra payment shall be admissible on this account.
2	Bidder shall execute all required civil, electrical, lighting, fire safety of plant and manifold room (fire extinguishers as per norms), exhaust systems, false ceiling trap door/ cutout and repair (if any) and other works as maybe required for complete installation and trouble-free functioning as a part of the 'Civil Modification'.
3	Hospital will provide one point electrical supply with isolator in the plant room. The wiring, lighting, fans, exhaust etc have to be done by the bidder.
4	Bidder will be responsible for trenching or other associated work related to installation and commissioning of complete MGPS system.
5	The MGPS bidder shall be responsible for termination and interconnection of all medical gas pipelines up to the manifold, wards, ICUs, and HDUs, wherever the bidder is executing the pipeline works. Prior approval of the drawings from the Head of the Institution or the designated Nodal Officer is mandatory before commencement of execution.
6	Installation and commissioning of area valve service unit and alarm unit for areas under scope of work.

7	The bidder shall be responsible for the complete works including the submission of working drawings, and isometric views, detailed work schedule and materials. Bidder shall be responsible for design, supply, installation, testing and commissioning of medical gas supply system in coordination with respective institute authorities & CGMSCL.
8	Bidder shall be responsible for free maintenance of all component of Gas pipeline system during warranty period including all filters & consumables.
9	Bidder should provide factory test certificates for the materials used. Bidder should supply complete set of part manuals, service manuals and user manuals for all the systems and subsystems supplied. Final electrical safety test, system test, leakage and calibration should be done by authorized persons using calibrated test equipment as per standards.
10	The Medical Gas Pipe Line System must follow Single Standard any one only from: NFPA 99c/HTM 02- 01/ ISO 7396-1/DIN/EN except Copper Pipe.
11	Bidder shall co-ordinate with respective Departments Head for their final Gas Outlets requirement per bed in their wards and should incorporate the same in drawing.
12	The third party compliance certification after installation to be done for the standard followed i.e HTM 02-01/NFPA 99C/DIN/EN/ISO-7396-1 except copper pipe from the authorised agency. The cost for the same will be borne by the bidder.
13	Bidder must have a satisfactory installation of complete MGPS as per any International standard as asked in tender and demo may be taken for the same.
14	Bidder will be provided after award either AutoCAD or PDF or hard Copy of building Layout drawing for preparation of MGPS drawings. Bidder has to submit the drawings within 20 days after NOA.
15	Bidder should be responsible for suitable arrangement of heat dissipation and Air-Conditioning as per offered MGPS plant requirement / recommendations from the Manufacturer and as per local site condition. Bidder should also take care of backup arrangement for AC and Exhausts as the MGPS Plant may run 24x7 as per the requirement.
16	Bidder should be responsible for dedicated earthling (Chemical type) for MGPS Plant room (If required)
17	Bidder has to design the MGPS system as per the matrix and specification mentioned in the tender, any clarification/suggessions regarding the design of MGPS system should be submitted before pre-bid meeting.
18	Bidder has to clarifiy their doubts or prerequisites during prebid meeting. Bidder has to submit the list of prerequisites along with bid.

19	**Block wise Zoning of MGPS lines should be done**
20	Interconnection to Manifolds with LMO Tank with necessary automatic switchover panels between LMO & Manifold will be responsibility of bidder
21	Bidder should submit the and Manifold equipment loading design with foot print of all component as per the plant along
22	Bidder should be responsible for complete development of LMO area from greenfield condition.
23	Interconnection from LMO Tank to O2 manifold shall be responsibility of the vendor.
24	The bidder shall survey the proposed LMO Tank site, pipeline trench path & Gas Manifold plant Room location for each of the sites and quote accordingly
25	The bidder must submit valid certifications such as USFDA/ European CE with 4 digit notified body number for all MGPS LMO items. Additionally, BIS certifications wherever applicable or any other certifications as specified in the tender document shall also be submitted in compliance with the technical specifications.
26	**LICENCE & APPROVAL OF LMO INSTALLATION**
	The bidder shall be responsible for obtaining license for the LMO Storage Installation Tank on behalf the Institute as required under " The static and Mobile pressure vessels (unfired) rule, 1981" from the chief controller of Explosives (CCOE), Nagpur.
	The bidder shall immediately upon the award of work submit to chief controller of Explosives the specifications and plans drawn to scale in triplicate clearly indicating:
	- The manner in which the provisions prescribed in above rules shall be complied with.
	- The premises proposed to be licensed, the area of which shall be distinctly coloured or otherwise marked.
	- The surrounding area lying within 100 meters of the edge of all facilities which are proposed to be licensed.
	- The position, capacity, materials of construction and ground and elevation views of all vessels, all valves and fittings, fiiling and discharge pumps and fire-fighting facilities where provided and all other facilities forming part of the premises proposed to be licensed.
	- A scrutiny fee paid in the manner specified in rule 11 of the act

	Manufacture, fabrication & execution of all works shall be taken up only after the written approval of Chief controller of Explosives, Nagpur.
	The bidder shall also arrange no objection certificate from District Authority, if required.
	The bidder shall be responsible for depositing requisite documents, fees and to arrange all necessary approvals and license from Chief Controller of Explosives.
	However, the documents required from the Institute shall be made available to the bidder for arranging license. Further the licensee fee shall be reimbursed to the bidder on production of original receipt
	All bidder are requested to visit the consignee sight for any site related assistance before quoting their bid.
33	**Responsibility of Consignee/ EA:**
1	The institute will provide MGPS plant/ manifold room (complete with flooring as per approved drawing of respective consignee/Institute)
2	Institute will provide one-point elecrical, water and drain connection at the plant & manifold room
3	Institute will provide dedicated shaft for MGPS riser
4	Institute will provide temporary storage for storing of raw materials of MGPS system during installation period and the security of the store is the responsibility of MGPS vendor
6	Institute will provide working electrical power supply for installation to MGPS vendor (On chargable basis as per institute norms or bidder has to make their own arrangements)
7	Institute will provide shitch/socket for MGPS Area alarms(Above false ceiling level) on the location as approved/required by consignee.
8	Institute will provide electrical power & Data input at all Bed Head Panel Locations at the hieght of 1250mm (centre of the BHP) from FFL as per approved plan of consignee.
b	**Construction of Overhead/Under Ground trench size approx 1.5mx1m**

GENERAL TECHNICAL SPECIFICATIONS

GENERAL POINTS:

1. Warranty:

   a) Five years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment (including Batteries for UPS/Inbuilt Batteries for power backup, other vacuumatic parts wherever applicable) from the date of installation, commissioning and Site Modification Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
   b) 95% up time Warranty of complete equipment with extension of Warranty period by double the downtime period on 24 (hrs) X 7 (days) X 365 (days) basis.
   c) All software updates should be provided free of cost during Warranty period.

2. After Sales Service:

   Any Complaints should be attended properly, maximum within 24 hrs. The service should be provided directly by Tenderer/Its authorized Agent. Undertaking by the Principals that the spares for the equipment shall be available for at least 10 years from the date of supply.

3. Training:

   On Site training to Doctors/ Technicians/ staff is to be provided by Principal/ Indian Agents (if they have the requisite know-how) for operation and maintenance of the equipment to the satisfaction of the consignee. The same will be in line with the training modalities as specified in general technical specification

4. Annual Comprehensive Maintenance Contract (CMC) of subject equipment with Turnkey:

   a) The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual of the manufacturer, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment (including Batteries for UPS/ Inbuilt Batteries for power backup, other vacuumatic parts wherever applicable) and Site Modification (if any). The supplier shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, but at least once in six months during the CMC period
   b) The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. 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.
   c) Cost of CMC will be added for Ranking/Evaluation purpose. The same will be taken at Net Present Value with a 10% discounting factor each year.
   d) The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by end user on receipt of bank guarantee for 2.5% of the cost of the equipment as per Section XV valid till 2 months after expiry of entire CMC period.
   e) There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
   f) During CMC period, the supplier is required to visit at each consignee's site at least twice in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
   g) All software updates should be provided free of cost during CMC.
   h) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.

i) The payment of CMC will be made as stipulated in GCC Clause 21.

Turnkey/Site Modification work:

Turnkey is indicated in the technical specification of the respective items, wherever required. The Tenderer shall examine the existing site where the equipment is to be installed, in consultation with HOD of Hospital/Institution/Medical College concerned. Turnkey details of each Hospital/Institution/Medical College are given at the end of Technical Specification. The Tenderer to quote prices indicating break-up of prices of the Machine and Turnkey Job of each Hospital/Institution/Medical College. The Turnkey costs may be quoted in Indian Rupee will be added for Ranking Purpose.

The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such duties and taxes and no claim for the same will be entertained later.

The Site Modification Work should completely comply with AERB requirement, if required.

Note: Tenderer's attention is drawn to GIT clause 18 and GIT sub-clause 11.1 A (iv). The tenderer is to provide the required details, information, confirmations, etc. accordingly failing which it's tender is liable to be ignored.
The Bidder will be responsible to follow all the guidelines for guidance note released by NHSRC.

DRAFT GUIDANCE NOTE ON LIQUID MEDICAL OXYGEN (LMO) STORAGE TANKS

1. Rapid rise in COVID-19 cases and resultant rapid demand of medical oxygen has provided a window of opportunity for re-visiting the SOP available on oxygen transportation, storage infrastructure and safe handlining for patient use at the healthcare facilities. In this regard GoI MHA, NDMA has issued guidelines on safe storage, transportation, and handling of liquid medical oxygen (LMO) for medical use vide DO.5-95/2020/Mitigation dated 23rd April 2021 which needs to be followed to minimize the inherent risk involved. Medical oxygen is an important drug for saving lives, both for COVID – 19, as well as for other critical illnesses. Medical Oxygen is available in gaseous form in cylinders, or in liquid form (Kept in cryogenic state, cooled to -183 degree centigrade), stored in cryogenic tanks.
2. Liquid Medical Oxygen (LMO) is a preferred source of medical oxygen, because of the following reasons:
    a. The purity of oxygen from this source as per IP 2018 is 99% v/v of oxygen. Moreover, the purity is constant, and does not vary with flow etc. This also makes it ideal for use with ventilators and at critical ICU beds.
    b. There are no operational costs associated with Liquid Medical Oxygen (LMO) administration. Once it is filled into the tank inside the hospital premises, it flows into the Medical Gas Pipeline System (MGPS) of the hospital, on its own, (once the valve is opened). No extra manpower, no electrical power, no maintenance, is required.
    c. LMO has no limitation of Flow Rate. It simply supplies at whatever flow rate is required by the hospital, at any given point in time. Other sources of Oxygen may fail, or shut down, if the flow required by the hospital at any given time, exceeds the flow rating of the oxygen source.
    d. The storage capacity of LMO is large. One liter of Liquid Medical Oxygen is equivalent to approx. 870 liters of gaseous Oxygen.
3. Healthcare facilities can be equipped with large bulk cryogenic liquid oxygen tanks that are refilled periodically by a truck from supplier. The liquid oxygen tank supplies a centrally piped system (MGPS) throughout the health facility independent of power supply. Liquid Medical Oxygen (LMO) demands a MGPS. A safe, open, unhindered space in a hospital premise. It also demands installation of a storage tank which needs a PESO license and a third-party supply dependence. It also demands as a best practice of having 1 to 2 days oxygen supply through cylinders as backup (Reserve). Liquid oxygen is a far better, economical, safer method than supply through cylinders or PSA plants but is a supplier dependent method.
4. Cryogenic liquids are liquefied gases that have a boiling point between -150 degree centigrade to -270 degree

centigrade. Liquid oxygen is in a cryogenic form at -183 degree centigrade. A typical liquid oxygen storage system consists of a cryogenic storage tank, vaporizers, and a pressure control system. The LMO tank is a double walled vacuum insulated vessel (Maximum Allowable Working Pressure of 16 to 18 Kg/square cm with certified standards as per ASME/EN/Equivalent – ASME Sec.VIII/EN-13458-2/Equivalent), the capacity of which can ranges from 2 Kilo Liters to 20 Kilo Liters. The walls are made of stainless steel designed for a positive pressure at cryogenic temperature, with a vacuum between them (Filled with perlite under vacuum), to insulate the contents from ambient heat.

5. Liquid oxygen is stored, transported, and handled in several types of containers, depending upon the quantity required by the user. The types of containers in use include the Dewar, cryogenic liquid cylinder and cryogenic storage tanks. All tanks are vacuum insulated and equipped with various circuits to control product fill, pressure build up, pressure relief, product withdrawal, and tank vacuum. Liquid transfer or withdrawal lines are insulated to minimize the loss of liquid product to gas and is used to safely remove liquid product from either Dewars or cryogenic liquid cylinders.
6. The LMO storage tank should have pressure valve, safety devices, two separate liquid withdrawal valves with dual parallel regulator system for uninterrupted supply, 3-way gauge valve for isolation of line pressure with manual control. The tank should be PESO certified and outer shell material used should conform to EIGA IGC 73/08/E/IS2062/SA36. A typical system requirement for hospital installation is as follows:
    - LMO Storage Tank
    - Ambient Air Vaporizer – should provide ambient air heat exchange which is able to vaporize 300-600 N cu M per hour LMO into vapours.
    - Pressure regulation skid
    - Interconnecting pipe between tank and vaporizer.
    - Foundation bolts for tank and vaporizer
7. LMO tanks are installed vertically in open space in the hospital premises. The selection of location should comply with PESO regulations. Allocated space should be 9M (W) X 16 M (L) at ground level and should be accessible for smooth movement of LMO tanker from/to the site. The supply of liquid medical oxygen shall conform to specified codes (latest edition): Medical Oxygen IP 2018 and subsequent revisions. Avoid installation of LMO tank in the indoor environment or near drain or pits. The site should not have overhead power or other utility cable. The site should be fenced having a gate for entry/exit. Fire extinguishers & water connection, lighting, safety warnings, earthing pit etc.
8. Vaporizers convert the liquid oxygen into a gaseous state. A pressure control manifold then controls the gas pressure that is fed to the process or application. The atmospheric vaporizer should be of suitable material (Non-ferrous) for operation at low pressure. Oxygen converts from a liquid to gaseous state in contact with the ambient temperature as it expands over approx. 860 times. The tank has a built-in evaporator so that the liquid oxygen keeps on evaporating into Oxygen gas (Natural evaporation rate should be less than 1% of net volume per day). Vessels used in liquid oxygen service should be designed for the pressure and temperature involved. Piping design should follow similar design and conform to national standards and codes.
9. Some important points to be kept in mind, while planning installation of LMO tanks at the healthcare facility are appended below (General Specifications of LMO Tank is placed at Annexure C):
    a. The tank should be located in open space (open to sky)
    b. Vacant space should be provided within a radius of 5 meters around the tank.
    c. Suitable distance from any combustible substance should be maintained. Liquid oxygen in itself is not an explosive but facilitates combustion easily.
    d. Easy approach of truck which comes to fill the tank.
    e. Permission from Chief Controller of Explosives, Nagpur (Regional offices available
    f. Existence of a Medical Gas Pipeline System (MGPS) network in the hospital is a pre-requisite for any source of Medical Oxygen, including LMO for delivery till individual bedside.
    g. The back up or secondary source of oxygen, mandatory as per MGPS norms and standards, remains the high-pressure Oxygen cylinders (Type D), connected to the gas manifold.
10. The norms for setting up of PSA Plants and LMO tanks have been issued by Ministry vide letter dated 6th July 2021 (Annexure A).
11. Safety Considerations: The hazards associated with liquid oxygen are exposure to cold temperatures that can cause

severe burn injury, over pressurization due to expansion of small amounts of liquid into large volumes of gas in inadequately vented equipment, oxygen enrichment of the surrounding atmosphere (defined as atmosphere containing more than 23.5% oxygen), and the possibility of a combustion reaction if the oxygen is permitted to contact a non-compatible material. The low temperature of liquid oxygen and the vapours it releases not only pose a serious burn hazard to human tissues but can also cause materials or construction to lose their strength and become brittle enough to shatter. Any clothing that has been splashed or soaked with liquid oxygen or exposed to high oxygen concentrations should be removed immediately and aired for at least an hour. Personnel should stay in a well-ventilated area and avoid any source of ignition until their clothing is completely free of any excess oxygen. Clothing saturated with oxygen is readily ignitable and will burn vigorously.

12. Safety while storage and handling liquid oxygen:

- Store and use liquid containers with adequate ventilation. Do not store containers in a confined area or in area unprotected from extremes of weather.
- Cryogenic containers are equipped with pressure relief devices designed to control the internal pressure. Under normal conditions these containers will periodically vent product. Do not plug, remove or tamper with any pressure relief device.
- Oxygen must be separated from flammables and combustibles by at least 5 M or 2.5 M fire wall. Post 'No Smoking" and 'No Open Flames' signages.
- Cryogenic containers must be stored, handled and transported in the upright position. When moving, never tip, slide or roll containers on their side. Use a suitable hand truck or trolley for moving smaller containers. Avoid mechanical & thermal shock while moving cryogenic oxygen cylinders
- Use only transfer lines and equipment designed for use with cryogenic liquids. should be well insulated.
- Personnel must be thoroughly familiar with properties and safety considerations before being allowed to handle liquid oxygen and its associated equipment. The eyes are most susceptible to the extreme cold liquid and vapours of liquid oxygen.
- A diffuser to be attached to the transfer hose to reduce turbulence & release of gas while filling up from tanker.
- Use phase separator or funnel for the inlet of the receiving hose pipe.
- Never dispose-off liquid cryogens down the drain or sink. Allow cryogenic liquids to evaporate in a 'Fume Hood' in open space.

13. Regulatory requirement

All statutory requirements of the Chief Controller of Explosives of India and SMPV rules need to be followed; besides all regulations and guidelines put forward by the State/UT competent authority.

- Civil work & PESO approval (Online application)
- PESO approval for filling & operation of the LMO installation
- Fencing & gate around the installation.
- Fire extinguisher, water connection, lighting, safety signages, earthing pit for lightening arrestor.
- Allocated space for installation should be 9M(W) X 16M(L)
- Site should be selected at ground level, outdoor, without overhead power or other utility cable.
- Should have assigned space for smooth movement of LMO tanker from/to the installation.
- Display of liquid oxygen level and outlet gas pressure should be provided.
- Automatic change over should be provided between the LMO tank and existing oxygen manifold in the health facility premises.

14. Submittals:

- Approval letter from CCOE along with approved drawing from CCOE.
- Approval letter from CCOE for use of cryogenic vessel(s) at site.
- Certificate from the authorized inspection agency.
- Heat chart for pressure parts.

- Dimensions check report.
- Dished End report.
- Mechanical properties test report for production test coupon.
- Visual inspection report.
- Radiography examination report
- Liquid penetrant examination report
- Cleaning inspection report.
- Hydro-pressure test report.

15. Maintenance and Training

- The vendor/supplier should organize satisfactory on-site training to the health facility staff designated by the authority for a period of 2 weeks
- Refresher training shall be provided by the vendor/supplier at the time of scheduled preventive maintenance visit by service engineer.
- Maintenance, repair, and safety of the whole installation and LMO related to liquid oxygen vessel will be the responsibility of the supplier and monitored by the hospital management committee.
- The oxygen tank and associated equipment, control panel, pipeline etc should be placed under CAMC for 5 years. On-line helpline support/complaint system shall be provided by the vendor/supplier.

Annexure: 28

Undertaking for Obtaining GST Registration

(To be submitted on Rs. 100 Stamp Paper)

Date: _____
To
MD, CGMSC
C.G. Housing Board, Commercial Complex, 4th Floor

South East Corner, Sector – 27, Nava Raipur

Subject: **Undertaking for Obtaining GST Registration in the State of Chhattisgarh**

In reference to the tender **Bid No. _____**, I/We, **M/s _____** (Name of Bidder), having our registered office at **_____**, hereby submit this undertaking as required under the *Additional Terms & Conditions (ATC)* of the tender.

1. I/We acknowledge that as per the eligibility criteria of the tender, the selected bidder must be **registered under GST in the State of Chhattisgarh prior to issuance of the Purchase Order or award of the contract**.
2. Since I/We are **not registered under GST in Chhattisgarh at the time of bidding**, I/We hereby **undertake to obtain GST registration in the State of Chhattisgarh** within the stipulated period prescribed by the Tender Inviting Authority (TIA) and **before issuance of the Purchase Order/award of the contract**.
3. I/We understand that **failure to obtain GST registration within this timeline shall lead to bid rejection, penal action**, including penalties, blacklisting, or any other action deemed appropriate by TIA.
4. I/We hereby confirm that all information furnished in this undertaking is true and correct. Any false or misleading declaration may invite action as per the tender conditions.

Authorized Signatory
(Signature)
Name: _____
Designation: _____
Mobile: _____
Email: _____
Seal of the Bidder

Annexure: 29

(On Non-Judicial Rs. 100/- Stamp paper duly Notarized)

AFFIDAVITE FOR LAND BORDER SHARING DECLAERATION

(Reference: Restrictions under Rule 144 (xi) of the General financial Rule (GFRs), 2017)

Date:
Tender Ref. no. (Tender ID): ……
Name of the Tendered Item :……..……
Name of the Bidder:……..……
Quoted Model: ……..……..
Name & Address of Original Equipment Manufacturer of quoted model:

i) Actual Manufacturing Site:

ii) Legal Manufacturing Site:

It is hereby declared that in line with Order no. F.7/10/2021-PPD (1) (Public Procurement No. 4) dated 23.02.2023 **as per restrictions under Rule 144 (xi) of the General financial Rule (GFRs), 2017 issued by MoF, Govt. of India regarding restrictions on procurement from a bidder of a country which shares a land border with India, We hereby confirm the following:**

i) We, M/s. ……..*(Name of the Bidder)* have read the above order and; I certify that our company (as a bidder), our Manufacturer's Authorization firm M/s. ……. (if applicable) and the quoted item against the above tender:

is not from such country *OR* not a subsidiary of an entity from such country

or,

if from such a country, has been registered with the Competent Authority *(if applicable, registration from Competent Authority is to be enclosed)*.

I hereby certify that our company (as a bidder) fulfills all criteria of the above order {Order no. F.7/10/2021-PPD (1) (Public Procurement No. 4) dated 23.02.2023} and is eligible to be considered as per restrictions under the General financial Rule (GFRs), 2017 Rule 144 (xi).

ii) We have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that we (as a bidder) and our quoted item against the above tender do not have any ToT arrangement requiring registration with the Competent Authority.

The information provided above are true and we understand that any deviation, if found, the procuring entity has right to initiate legal action against us including debarment/blacklisting.

Seal & Signature
Name & Designation of Authorized Signatory:
(As per Power of Attorney provided in the tender)

Place & Date:

TENDER ENQUIRY NO.:

Annexure: 30

Facilities for SITC of LMO and MGPS				
S.No.	**District**	**Facility**	**Oxygen beds**	**LMO**
1	Balrampur	DH Balrampur	60	10KL
2	Bemetra	DH Bemetra	30	10KL
3	Bijapur	DH Bijapur	50	10KL
4	Bilaspur	Medical College, Bilaspur	50	10KL
5	GPM	DH GPM	50	10KL
6	Jashpur	DH Jashpur	50	10KL
7	Kanker	DH Kanker	30	10KL
8	Kondagaon	DH Kondagaon	30	10KL
9	Korba	DH Korba	50	10KL
10	Koriya	DH Koriya	50	10KL
11	Mungeli	DH Mungeli	50	10KL
12	Narayanpur	DH Narayanpur	50	10KL
13	Raigarh	Medical College, Raigarh	50	10KL
14	Raigarh	MCH, Raigarh	30	10KL
15	Rajnandgaon	DH Rajnandgaon	50	10KL
16	Sukma	DH Sukma	70	10KL
17	Dantewada	DH Dantewada	50	10KL
18	Surajpur	DH Surajpur	50	10KL
19	Surguja	DH Surguja	50	10KL
Facilities for SITC of MGPS				
S.No.	**District**	**Facility**	**Oxygen beds**	**LMO**
1	Bilaspur	MCH Bilaspur	50	NA
2	Janjgir	MCH Sakti	50	NA
3	Kanker	CHC Bhanupratappur	30	NA

IMPORTANT NOTE

- The items should be supplied with pictorial user manual, Warranty certificate, PM manual, calibration cert. (if applicable), and other documents required mentioned in tender documents.
- Following logo should be imprinted/embossed on the supplied equipment as per Annexure-18

