

SECTION I

NOTICE INVITING TENDERS (NIT)

AIIMS Raipur (Chhattisgarh)

Tender Enquiry No: ADMIN/Tender/OT/1/2013 / Dated 10-09-2013

NOTICE INVITING TENDERS (NIT)

(1) All India Institute of Medical Sciences Raipur (CG) invites sealed tenders from eligible and qualified tenderers for supply, installation and commissioning of Low End Modular Operation Theatres and Medical Equipments

Schedule No.	Equipment Name	Total Quantity	EMD Details
1	Low End Modular Operation Theatre	4	₹ 7,70,000
2	Double dome Operating lights with Audio-Visual integration with facility of streaming for conferencing at a distance of 300 meters	3	₹ 1,50,000
3	Double dome LED operating lights	1	₹ 1,50,000
4	Operating Room Table	4	₹ 3,50,000

(2) Tender No.:

Sl. No.	Description	Schedule
i.	Dates of sale of tender enquiry documents	10.09.2013 to 30.09.2013
ii.	Place of sale of Tender Enquiry Documents	AIIMS website: www.aiimsraipur.edu.in
iii.	Cost of the Tender Enquiry Document	₹ 5,000/-
iv.	Pre Tender Meeting Date & Time	17.09.2013, 1100 hrs IST
v	Pre Tender Meeting Venue	Committee Room 1 st floor, Medical College building, AIIMS, Raipur
vi.	Closing date & time for receipt of Tender	05.10.2013, 1400 hrs IST
vii.	Time and date of opening of Technical tenders	05.10.2013, 1430 hrs IST
viii	Venue of Opening of Technical Tender	Same as in V
ix	Time and date of opening of Financial tender	12.10.2013 1500 hrs IST
	Venue of Opening of Financial tender	Same as in V

3. Interested tenderers may obtain further information from the office of Deputy Director AIIMS Raipur, Tatibandh, Raipur (CG), India. Tender Enquiry Documents may be downloaded from www.aiimsraipur.edu.in on online payment of non-refundable fee of ₹ 5000/- per set.

4. All prospective tenderers may attend the Pre Tender meeting. The venue, date and time is indicated in the Column 3, Row (V) above.

5. Tenderers shall ensure that their complete tenders in all respects are dropped in the Tender Box located at AIIMS Raipur, Tatibandh, Raipur 492001 (CG), on or before **05.10.2013, 1700 hrs IST** at **Deputy Director's (Admin) office** failing which the tenders will be treated as late and rejected.

6. In the event of any of the above mentioned dates being declared as a holiday / closed day for the purchase organization, the tenders will be sold/received/opened on the next working day at the appointed time.

7. The Tender Enquiry Documents are not transferable.

Deputy Director (Admin)
AIIMS Raipur, Tatibandh (CG)

SECTION - II
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GENERAL INSTRUCTIONS TO TENDERERS (GIT)

A. PREAMBLE

1. Definitions and Abbreviations

1.1 The following definitions and abbreviations, which are used in this document, shall have the meanings as indicated below:

1.2. Definitions:

- i. "Purchaser" means the organization purchasing goods and services as incorporated in the Tender Enquiry document.
- ii. "Tender" means Bids/Quotation/Tender received from a Firm/Tenderer/ Bidder.
- iii. "Tenderer" means Bidder/the Individual or Firm submitting Bids/Quotation/Tender
- iv. "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract.
- v. "Goods" means the articles, material, commodities, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, industrial plant etc. which the supplier is required to supply to the purchaser under the contract.
- vi. "Services" means services allied and incidental to the supply of goods, such as transportation, installation, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- vii. "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- viii. "Contract" means the written agreement entered between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- ix. "Performance Security" means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- x. "Consignee" means **AIIMS Raipur, Tatibandh, Raipur (CG)** to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of dispatch to another person as provided in the Contract then that "another" person is the

consignee, and shall be known as ultimate consignee.

- xi. "Specification" means the document/standard that prescribes the requirement with which goods or service has to conform.
- xii. "Inspection" means activities such as measuring, examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.
- xiii. "Day" means calendar day.

1.3 Abbreviations:

- i. "TE Document" means Tender Enquiry Document
- ii. "NIT" means Notice Inviting Tenders.
- iii. "GIT" means General Instructions to Tenderers
- iv. "SIT" means Special Instructions to tenderers
- v. "GCC" means General Conditions of Contract
- vi. "SCC" means Special Conditions of Contract
- vii. "DGS&D" means Directorate General of Supplies and Disposals
- viii. "NSIC" means National Small Industries Corporation
- ix. "PSU" means Public Sector Undertaking
- x. "CPSU" means Central Public Sector Undertaking
- xi. "LSI" means Large Scale Industry
- xii. "SSI" means Small Scale Industry
- xiii. "LC" means Letter of Credit
- xiv. "DP" means Delivery Period
- xv. "BG" means Bank Guarantee
- xvi. "ED" means Excise Duty
- xvii. "CD" means Custom Duty
- xviii. "VAT" means Value Added Tax
- xix. "CENVAT" means Central Value Added Tax
- xx. "CST" means Central Sales Tax
- xxi. "RR" means Railway Receipt
- xxii. "BL" means Bill of lading
- xxiii. "FOB" means Free on Board
- xxiv. "FCA" means Free Carrier
- xxv. "FOR" means Free On Rail

- xxvi. “CIF” means Cost, Insurance and Freight
- xxvii. “CIP (Destinations)” means Carriage and Insurance Paid up to the named port of destination. Additionally the Insurance (local transportation and storage) would be extended and borne by the Supplier from ware house to the consignee site for a period including 3 months beyond the date of delivery.
- xxviii. “DDP” means Delivery Duty Paid at the named place of destination (consignee site)
- xxix. “INCOTERMS” means International Commercial Terms as on the date of Tender opening
- xxx. ”MOH&FW” means Ministry of Health & Family Welfare, GOI
- xxxi. “Dte. GHS” means Directorate General of Health Services, MOH&FW.
- xxxii. “CMC” means Comprehensive maintenance Contract (labor, spare and preventive maintenance)
- xxxiii. “RT” means Re-Tender.
- xxxiv. “Dir” means Director AIIMS, Raipur
- xxxv. “DDA” means Deputy Director Administration

2. Introduction

- 2.1 The Purchaser has issued the TE documents for purchase of goods and related services as mentioned in Section - VI - “List of Requirements”, which also indicates, *interalia*, the required delivery schedule, terms and place of delivery.
- 2.2 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.
- 2.3 The tenderers shall also read the Special Instructions to Tenderers (SIT) related to this purchase, if any, as contained in Section III of these documents and follow the same accordingly. 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 and/or comply with the required information, instructions etc. incorporated in the TE documents may result in rejection of its tender. Whenever there is a conflict between the GIT and the SIT, the provisions contained in

the SIT shall prevail over those in the GIT.

3. Availability of Funds

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

4. Language of Tender

- 4.1 The tender submitted by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, shall be written in the English language, unless otherwise specified in the Tender Enquiry. However, the language of any printed literature furnished by the tenderer in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for purposes of interpretation of the tender, the English translation shall prevail.
- 4.2 The tender submitted by the tenderer and all subsequent correspondence and documents relating to the tender exchanged between the tenderer and the purchaser, may also be written in the Hindi language, provided that the same are accompanied by English translation, in which case, for purpose of interpretation of the tender etc., the English translations shall prevail.

5. Eligible Tenderers

- 5.1 This invitation for tenders is open to all suppliers who fulfill the eligibility criteria specified in these documents.

6. Eligible Goods and Services

- 6.1 All goods and related services to be supplied under the contract shall have their origin in India or any other country with which India has not banned trade relations. The term “origin” used in this clause means the place where the goods are mined, grown, produced, or manufactured or from where the related services are arranged and supplied.

7. Tendering Expense

- 7.1 The tenderer shall bear all costs and expenditure incurred and/or to be incurred by it in connection with its tender including preparation, mailing and submission of its tender and for subsequent processing of the same. The purchaser will, in no case be responsible or liable for any such cost, expenditure etc. regardless of the conduct or outcome of the tendering process.

B. TENDER ENQUIRY DOCUMENTS

8. Content of Tender Enquiry Documents

8.1 The TE documents include:

- Section I – “Notice inviting Tender” (NIT),
- Section II – General Instructions to Tenderers (GIT)
- Section III – Special Instructions to Tenderers (SIT)
- Section IV – General Conditions of Contract (GCC)
- Section V – Special Conditions of Contract (SCC)
- Section VI – List of Requirements
- Section VII – Technical Specifications
- Section VIII– Quality Control Requirements
- Section IX – Qualification Criteria
- Section X – Tender Form
- Section XI – Price Schedules
- Section XII – Questionnaire
- Section XIII– Bank Guarantee Form for EMD
- Section XIV– Manufacturer’s Authorization Form
- Section XV - Bank Guarantee Form for Performance / CMC security
- Section XVI– Contract Forms A & B
- Section XVII– Proforma of Consignee Receipt Certificate
- Section XVIII– Proforma of Final Acceptance Certificate by the consignee
- Section XIX– Instructions from Ministry of Shipping/ Surface Transport
(Annexure 1 & 2)
- Section XX - Check List for the Tenderers
- Section XXI– Consignee List

8.2 The relevant details of the required goods and 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.

9. Amendments to TE documents

9.1 At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by it, modify the TE documents by issuing

suitable amendment(s) to it.

9.2 Such an amendment will be notified in writing at our website, which will be binding on the tenderers.

9.3 In order to provide reasonable time to the prospective tenderers to take necessary action in preparing their tenders as per the amendment, the purchaser may, at its discretion extend the deadline for the submission of tenders and other allied time frames, which are linked with that deadline.

10. Clarification of TE documents

10.1 A tenderer requiring any clarification or elucidation on any issue of the TE documents may take up the same with the purchaser in writing. The purchaser will respond in writing to such request provided the same is received by the purchaser not later than fifteen days (unless otherwise specified in the SIT) prior to the prescribed date of submission of tender.

C. PREPARATION OF TENDERS

11. Documents Comprising the Tender

11.1 The **Two Tender System** i.e. “Technical Tender” and “Financial Tender” prepared by the tenderer shall comprise the following:

A) Technical Tender (Un-priced Tender)

- i. Earnest money furnished in accordance with GIT clause 19.1 alternatively, documentary evidence as per GIT clause 19.2 for claiming exemption from payment of earnest money.
- ii. Tender Form as per Section X (without indicating any prices).
- iii. Documentary evidence, as necessary in terms of clauses 5 and 17 establishing that the tenderer is eligible to submit the tender and qualified to perform the contract if its tender is accepted.
- iv. Tenderer/Agent who quotes for goods manufactured by other manufacturer shall furnish Manufacturer’s Authorization Form.
- v. Power of Attorney in favor of signatory of TE documents and signatory of Manufacturer’s Authorization Form.
- vi. Documents and relevant details to establish in accordance with GIT clause 18 that the goods and the allied services to be supplied by the tenderer conform to the requirement of the TE documents.
- vii. Performance Statement as per section IX along with relevant copies of

- orders and end users' satisfaction certificate.
- viii. Price Schedule(s) as per Section XI filled up with all the details including Make, Model etc. of the goods offered with prices blank (without indicating any prices).
- ix. Certificate of Incorporation in the country of origin.
- x. Checklist as per Section XX.

B) Financial Tender:

The information given at clause no. 11.1 A) ii) & viii) above should be reproduced with the prices indicated.

N.B.

1. All pages of the Tender should be page numbered and indexed.
 2. It is the responsibility of tenderer to go through the TE document to ensure furnishing all required documents in addition to above, if any.
- 11.2 The authorized signatory of the tenderer must sign the tender duly stamped at appropriate places and initial all the remaining pages of the tender.
- 11.3 A tender, which does not fulfill any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.
- 11.4 Tender sent by fax/telex/cable/electronically shall be ignored.

12. Tender currencies

- 12.1 The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees.
- 12.2 For imported goods if supplied directly from abroad, prices shall be quoted in any freely convertible currency such as US Dollar, Euro, GBP or Yen. As regards price(s) for allied services, if any required with the goods, the same shall be quoted in Indian Rupees only if such services are to be performed /undertaken in India. Commission for Indian Agent, if any, and if payable, shall be indicated in the space provided for in the price schedule and will be payable in Indian Rupees only.
- 12.3 Tenders, where prices are quoted in any other way shall be treated as non-responsive and rejected.

13 Tender Prices

- 13.1 The Tenderer shall indicate "on the Price Schedule provided under Section XI"

all the specified components of prices shown therein including the unit prices and total tender prices of the goods and services it proposes to supply against the requirement. All the columns shown in the price schedule should be filled up as required. If any column does not apply to a tenderer, same should be clarified as “NA” by the tenderer.

- 13.2 If there is more than one schedule in the List of Requirements, the tenderer has the option to submit its quotation for any one or more schedules; however, they should submit separate tender for each schedule. While quoting for a schedule, the tenderer shall quote for the complete requirement of goods and services as specified in that particular schedule.
- 13.3 The quoted prices for goods offered from within India and that for goods offered from abroad are to be indicated separately in the applicable Price Schedules attached under Section XI.
- 13.4 While filling up the columns of the Price Schedule, the following aspects should be noted for compliance:
- 13.4.1 For domestic goods or goods of foreign origin located within India, the prices in the corresponding price schedule shall be entered separately in the following manner:
- a. the price of the goods, quoted ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST, VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc.
 - b. any sales or other taxes and any duties including excise duty, which will be payable on the goods in India if the contract is awarded;
 - c. local transportation and storage would be borne by the Supplier from warehouse to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule;
 - d. the price of Incidental Services, as mentioned in List of Requirements and Price Schedule;

- e. the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule;
- f. The rates quoted by the tenderer, shall be firm and fixed and inclusive of all taxes including work contract taxes, custom central duties and levies and all charges for packing forwarding, insurance, freight and delivery, installation, testing commissioning etc. at site including temporary construction of storage, risk, overhead charges general liabilities/ obligations and clearance from local authorities. Rates shall be firm for the contractual period of time and for such time for which department shall grant extension of time till completion of work. Octroi duty shall be paid separately but the department on demand can furnish octroi exemption certificate. However the department is not liable to reimburse the octroi duty in case the concerned authorities do not honor exemption certificate.
- g. The price of annual CMC should be absolute, year wise, and should be quoted in ₹ for 5 years as mentioned in Price Schedule.

13.4.2 For goods offered from abroad, the prices in the corresponding price schedule shall be entered separately in the following manner:

- a. The price of goods quoted FOB/FCA, port of shipment, as indicated in the List of Requirements and Price schedule;
- b. the price of goods quoted CIP (name port of destination) in India as indicated in the List of Requirements, Price Schedule and Consignee List;
- c. The charges for Insurance (local transportation and storage) would be extended and borne by the Supplier from warehouse to the consignee site for a period including 3 months beyond date of delivery. Other local costs and Incidental costs, as specified in the List of Requirements and Price Schedule;
- d. the charges for Incidental Services, as in the List of Requirements and Price Schedule;
- e. the prices of Turnkey (if any), as mentioned in List of Requirements, Technical Specification and Price Schedule; and
- f. The price of annual CMC as mentioned in List of Requirements, Technical Specification and Price Schedule.

13.5 Additional information and instruction on Duties and Taxes:

13.5.1 If the Tenderer desires to ask for excise duty, sales tax/ VAT, Service Tax, Works Contract Tax etc. to be paid extra, the same must be specifically stated. However, the prices quoted shall be firm and fixed and inclusive of all taxes except octroi. In the absence of any such stipulation the price will be taken inclusive of all such duties and taxes and no claim for the same will be entertained later.

13.5.2 Excise Duty:

- a. If reimbursement of excise duty is intended as extra over the quoted prices, the supplier must specifically say so also indicating the rate, quantum and nature of the duty applicable. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of excise duty will be entertained after the opening of tenders.
- b. If a Tenderer chooses to quote a price inclusive of excise duty and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the tenderer must clearly mention the same and also indicate the rate and quantum of excise duty included in its price. Failure to indicate all such details in clear terms may result in rejection of that tender.
- c. Subject to sub clauses 13.5.2 (a) & (b) above, any change in excise duty upward/downward because of any statutory variation in excise duty taking place within contract terms shall be allowed to the extent of actual quantum of excise duty paid by the supplier. In case of downward revision in excise duty, the actual quantum of reduction of excise duty shall be reimbursed to the purchaser by the supplier. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the supplier.

13.5.3 Sales Tax:

If a tenderer asks for sales tax/ VAT, Service Tax and Works Contract Tax to be paid extra, the rate and nature of sales tax applicable should be shown separately. The sales tax / VAT, Service Tax and Works Contract Tax will be paid as per the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax / VAT, Service Tax and Works Contract Tax and is payable as per the terms of the contract. If any refund of Tax is received at a later date, the Supplier must return the amount forth-with to the purchaser.

13.5.4 Octroi Duty and Local Duties & Taxes:

Normally, goods to be supplied to government departments against government contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies; however, on some occasions, the local bodies (like town body, municipal body etc.) as per their regulations allow such exemptions only on production of certificate to this effect from the concerned government department. Keeping this in view, the supplier shall ensure that the stores to be supplied by the supplier against the contract placed by the purchaser are exempted from levy of any such duty or tax and, wherever necessary, shall obtain the exemption certificate from the purchaser. However, if a local body still insists upon payment of such local duties and taxes, the same should be paid by the supplier to the local body to avoid delay in supplies and possible demurrage charges and obtain a receipt for the same. The supplier should forward the receipt obtained for such payment to the purchaser to enable the purchaser reimburse the supplier and take other necessary action in the matter.

13.5.5 Customs Duty:

The Purchaser will pay the Customs duty wherever applicable.

13.6 For transportation of imported goods offered from abroad, relevant instructions as incorporated under GCC Clause 10 shall be followed.

13.7 For insurance of goods to be supplied, relevant instructions as provided under GCC Clause 11 shall be followed.

13.8 Unless otherwise specifically indicated in this TE document, the terms FCA, FOB, FAS, CIF, CIP, DDP etc. for imported goods offered from abroad, shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris

13.9 The need for indication of all such price components by the tenderers, as required in this clause (viz., GIT clause 13) is for the purpose of comparison of the tenders by the purchaser and will no way restrict the purchaser's right to award the contract on the selected tenderer on any of the terms offered.

13.10 All sundry equipments, fittings, units assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in

the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

13.11 Tenderers are required to quote as per the specification of the stores. The deviation to specifications if any must be brought out clearly giving a deviation statement. Detailed break up of prices for the main equipment and the accessory /optional items and major components must be provided separately, item wise in the same serial order as listed in the technical bid.

13.12 Tenderers are required to submit the original proforma invoice in duplicate from their Principals / foreign suppliers clearly indicating the agency commission.

14. Indian Agent

14.1 If a foreign tenderer has engaged an agent in India in connection with its tender, the foreign tenderer, in addition to indicating Indian agent's commission, if any, in a manner described under GIT sub clause 12.2 above, shall also furnish the following information:

- a. The complete name and address of the Indian Agent and its permanent income tax account number as allotted by the Indian Income Tax authority,
- b. The details of the services to be rendered by the agent for the subject requirement, and
- c. The details of service outlets in India, nearest to the consignee(s), to render services during Warranty and CMC period.

15. Firm Price

15.1 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.

15.2 However, as regards taxes and duties, if any, chargeable on the goods and payable, the conditions stipulated in GIT clause 13 will apply.

16. Alternative Tenders

16.1 Alternative Tenders are not permitted.

16.2 However, the Tenderers can quote alternate models meeting the tender specifications of same manufacturer with single EMD.

17 Documents Establishing Tenderer's Eligibility and Qualifications

17.1 Pursuant to GIT clause 11, the tenderer shall furnish, as part of its tender, relevant details and documents establishing its eligibility to quote and its

qualifications to perform the contract if its tender is accepted.

17.2 The documentary evidence needed to establish the tenderer's qualifications shall fulfill the following requirements:

- a. In case the tenderer offers to supply goods, which are manufactured by some other firm, the tenderer should be duly authorized by the goods manufacturer to quote for and supply the goods to the purchaser. The tenderer shall submit the manufacturer's authorization letter to this effect as per the standard form provided under **Section XIV** in this document;
- b. The tenderer has the required financial, technical and production capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in the Section IX in these documents;
- c. In case the tenderer is not doing business in India, the tenderer should be duly represented by an agent in India who is well equipped and able to carry out the required contractual functions and duties of the supplier including aftersales service, maintenance & repair of the goods in question, stocking of spare parts and fast moving components and other obligations, if any, specified in the conditions of contract and/or technical specifications; and
- d. In case the tenderer is an Indian agent/authorized representative quoting on behalf of a foreign manufacturer for the **restricted item**, the Indian agent/authorized representative should be enlisted under the Compulsory Enlistment Scheme of Ministry of Finance, Govt. of India operated through Directorate General of Supplies & Disposals (DGS&D), New Delhi.

18. Documents establishing Good's Conformity to TE document.

- 18.1 The tenderer shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the goods and services offered in the tender fully conform to the goods and services specified by the purchaser in the TE documents. For this purpose the tenderer shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the goods and services offered in its tender.
- 18.2 In case there is any variation and/or deviation between the goods & services prescribed by the purchaser and that offered by the tenderer, the tenderer shall

list out the same in a chart form without ambiguity and provide the same along with its tender.

- 18.3 If a tenderer furnishes wrong and/or misleading data, statement(s) etc., about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected; in addition the purchaser shall be free to resort to other administrative remedies available in this regard.

19. Earnest Money Deposit (EMD)

- 19.1 The tenderer shall furnish along with its tender, earnest money for amount as shown in the List of Requirements. The earnest money is required to protect the purchaser against the risk of the tenderer's unwarranted conduct as amplified under sub-clause 19.7 below.
- 19.2 The tenderers who are currently registered and, also, will continue to remain registered during the tender validity period with Directorate General of Supplies & Disposals or with National Small Industries Corporation, New Delhi for the specific goods as per tender enquiry specification shall be eligible for exemption from EMD. Vague stipulations in the Registration Certificate such as "to customers' specification" etc. will not be acceptable for exemption from furnishing of earnest money. In case the tenderer falls in these categories, it should furnish copy of its valid registration details (with DGS&D or NSIC, as the case may be).
- 19.3 The earnest money shall be denominated in Indian Rupees only as per GIT clause 12.2. The earnest money shall be furnished in one of the following forms:
- i. Account Payee Demand Draft
 - ii. Banker's cheque and
 - iii. Bank Guarantee
- 19.4 The demand draft or banker's cheque shall be drawn on any Nationalized bank in India or country of the tenderer, in favor of the "AIIMS Raipur" payable at Raipur (CG). In case of bank guarantee, the same is to be provided from any nationalized bank in India or country of the tenderer as per the format specified under **Section XIII** in these documents.
- 19.5 The earnest money shall be valid for a period of forty-five (45) days beyond the validity period of the financial tender. As validity period of Financial Tender as per Clause 20 of GIT is 120 days, the EMD shall be valid for 165 days

from Financial Tender opening date.

- 19.6 Unsuccessful tenderers' earnest money will be returned to them without any interest, after expiry of the financial tender validity period, but not later than thirty days after award of the contract. Successful tenderer's earnest money will be returned without any interest, after receipt of performance security from that tenderer.
- 19.7 Earnest Money is required to protect the purchaser against the risk of the Tenderer's conduct, which would warrant the forfeiture of the EMD. Earnest money of a tenderer will be forfeited without prejudice to other rights of the purchaser, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender or if it comes to notice that the information/documents furnished in its tender is incorrect, false, misleading or forged. The successful tenderer's earnest money will be forfeited without prejudice to other rights of Purchaser if it fails to furnish the required performance security within the specified period.
- 19.8 In the case of Bank Guarantee furnished from banks outside India (i.e. foreign Banks), it should be authenticated and countersigned by any nationalized bank in India by way of back- to-back counter guarantee.

20. Tender Validity

- 20.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 120 days (One hundred and twenty days) after the date of tender opening prescribed in the TE document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.
- 20.2 In exceptional cases, the tenderers may be requested by the purchaser to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by email or by fax/ telex/cable followed by surface mail. The tenderers, who agree to extend the tender validity, are to extend the same without any change or modification of their original tender and they are also to extend the validity period of the EMD accordingly. A tenderer, however, may not agree to extend its tender validity without forfeiting its EMD.
- 20.3 In case the day up to which the tenders are to remain valid falls on/ subsequently declared a holiday or closed day for the purchaser, the tender validity shall

automatically be extended up to the next working day.

21. Signing and Sealing of Tender

- 21.1 The tenderers shall submit their tenders as per the instructions contained in GIT Clause 11.
- 21.2 The tenderer shall submit its tender containing all pages including Technical Literature/Catalogues etc
- 21.3 The original and other copies of the tender shall either be typed or written in indelible ink and the same shall be signed by the tenderer or by a person(s) who has been duly authorized to bind the tenderer to the contract. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the tender.
- 21.4 All the copies of the tender shall be duly signed at the appropriate places as indicated in the TE documents and all other pages of the tender including printed literature, if any, and shall be initialed by the same person(s) signing the tender. The tender shall not contain any erasure or overwriting, except as necessary to correct any error made by the tenderer and, if there is any such correction; the same shall be initialed by the person(s) signing the tender.
- 21.5 The tenderer should seal the tender in an envelope and write the address of the purchaser and the tender reference number on the envelope. The sentence “**Not to Be Opened**” before ____ (The tenderer is to put the date & time of tender opening) should be written on the envelope. If the envelope is not sealed and marked properly as above, the purchaser will not assume any responsibility for its misplacement, premature opening, late opening etc.
- 21.6 TE document seeks quotation following **Two Tender System**, in two parts. First part will be known as ‘**Technical Tender**’, and the second part ‘**Financial Tender**’ as specified in clause 11 of GIT. Tenderer shall seal ‘**Technical Tender**’ and ‘**Financial Tender**’ separately and covers will be suitably super scribed. Both these sealed covers shall be put in a bigger cover and sealed and procedure prescribed in Paragraphs 21.1 to 21.5 shall be followed.

D. SUBMISSION OF TENDERS

22. Submission of Tenders

- 22.1 Unless otherwise specified, the tenderers are to deposit the tenders in the tender

box kept for this purpose at the office of **Deputy Director (Admin) AIIMS Raipur, Tatibandh, Raipur (CG)**. In case of bulky tender, which cannot be put into tender box, the same shall be submitted by the tenderer by hand to **Deputy Director (Admin)** or his nominee, at **AIIMS Raipur, Tatibandh, Raipur (CG)**. The officer receiving the tender will give the tenderer an official receipt duly signed with date and time.

- 22.2 The tenderers must ensure that they deposit their tenders not later than the closing time and date specified for submission of tenders. It is the responsibility of the tenderer to ensure that their Tenders whether sent by post or by courier or by person, are dropped in the Tender Box by the specified closing date and time. In the event of the specified date for submission of tender falls on / is subsequently declared a holiday or closed day for the purchaser, the tenders will be received up to the appointed time on the next working day. In case the tender is sent by post, acknowledgement will be given on acknowledgement due card provided the same is provided by the tenderer.

23. Late Tender

- 23.1 A tender, which is received after the specified closing date and time for receipt of tenders will be treated as “late” tender and will be ignored.

24. Alteration and Withdrawal of Tender

- 24.1 The tenderer, after submitting its tender, is permitted to alter / modify its tender so long as such alterations / modifications are received duly signed, sealed and marked like the original tender, within the deadline for submission of tenders. Alterations / modifications to tenders received after the prescribed closing date will not be considered.
- 24.2 No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a tenderer withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the tenderer in its tender.

E. TENDER OPENING

25. Opening of Tenders

- 25.1 The purchaser will open the tenders at the specified date and time and at the specified place as indicated in the NIT. In case the specified date of tender opening falls on/is subsequently declared a holiday or closed day for the

purchaser, the tenders will be opened at the appointed time and place on the next working day.

- 25.2 Authorized representatives of the tenderers who have submitted tenders on time may attend the tender opening provided they bring with them letters of authority from the corresponding tenderers. The tender opening official(s) will prepare a list of the representatives attending the tender opening. The list will contain the representatives' names & signatures and corresponding tenderers' names and addresses.
- 25.3 The **Technical Tenders** are to be opened in the first instance, at the prescribed time and date as indicated in NIT. These Tenders shall be scrutinized and evaluated by the competent committee/authority with reference to parameters prescribed in the TE document. During the Technical Tender opening, the tender opening official(s) will read the salient features of the tenders like brief description of the goods offered, delivery period, Earnest Money Deposit and any other special features of the tenders, as deemed fit by the tender opening official(s). Thereafter, in the second stage, the Price Tenders of only the Technically acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified in the TE document. The prices, special discount if any of the goods offered etc., as deemed fit by tender opening official(s) will be read out.

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principle

- 26.1 Tenders will be evaluated on the basis of the terms & conditions already incorporated in the TE document, based on which tenders have been received and the terms, conditions etc. mentioned by the tenderers in their tenders. No new condition will be brought in while scrutinizing and evaluating the tenders.

27. Preliminary Scrutiny of Tenders

- 27.1 The Purchaser will examine the Tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed stamped and whether the Tenders are in order.
- 27.2 Prior to the detailed evaluation of Financial Tenders, pursuant to GIT Clause 34, the Purchaser will determine the substantial responsiveness of each Tender

to the TE Document. For these purposes, a substantially responsive tender is one, which conforms to all the terms and conditions of the TE Document without material deviations. Deviations from, or objections or reservations to critical provisions such as those concerning Performance Security (GCC Clause 5), Warranty (GCC Clause 15), EMD (GIT Clause 19), Taxes & Duties (GCC Clause 20), Force Majeure (GCC Clause 26) and Applicable law (GCC Clause 31) will be deemed to be a material deviation. The Purchaser's determination of a Tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence. If the tender is not substantially responsive, it will be rejected by the Purchaser and it cannot subsequently be made responsive by the Tenderer by correction of the non-conformity.

- 27.3 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the TE document. The tenders, which do not meet the basic requirements, are liable to be treated as non – responsive and will be summarily ignored.
- 27.4 The following are some of the important aspects, for which a tender shall be declared non – responsive and will be summarily ignored;
- i. Tender form as per Section X (signed and stamped) not enclosed
 - ii. Tender is unsigned
 - iii. Tender validity is shorter than the required period
 - iv. Required EMD (Amount, validity etc.) /exemption documents have not been provided
 - v. Tenderer has quoted for goods manufactured by other manufacturer(s) without the required Manufacturer's Authorization Form as per Section XIV
 - vi. Tenderer has not agreed to give the required performance security
 - vii. Goods offered are not meeting the tender enquiry specification
 - viii. Tenderer has not agreed to other essential condition(s) specially incorporated in the tender enquiry like terms of payment, liquidated damages clause, warranty clause, dispute resolution mechanism applicable law
 - ix. Poor/ unsatisfactory past performance

- x. Tenderers who stand deregistered /banned / blacklisted by any Govt. Authorities
- xi. Tenderer is not eligible as per GIT Clauses 5.1 & 17.1
- xii. Tenderer has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.

28. Minor Infirmary/Irregularity/Non-Conformity

- 28.1 If during the preliminary examination, the purchaser find any minor infirmity 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 tenderers. Wherever necessary, the purchaser will convey its observation on such 'minor' issues to the tenderer by email/registered post/speed post etc. asking the tenderer to respond by a specified date. If the tenderer does not reply by the specified date or gives evasive reply without clarifying the point at issue in clear terms, that tender will be liable to be ignored.

29 Discrepancies in Prices

- 29.1 If, in the price structure quoted by a tenderer, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless the purchaser feels that the tenderer has made a mistake in placing the decimal point in the unit price, in which case the total price as quoted shall prevail over the unit price and the unit price corrected accordingly.
- 29.2 If there is an error in a total price, which has been worked out through addition and/or subtraction of subtotals, the subtotals shall prevail and the total corrected; and
- 29.3 If there is a discrepancy between the amount expressed in words and figures, the amount in words shall prevail, subject to sub clause 29.1 and 29.2 above.
- 29.4 If, as per the judgment of the purchaser, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the tenderer by email/registered post/speed post. If the tenderer does not agree to the observation of the purchaser, the tender is liable to be ignored.

30. Discrepancy between original and copies of Tender

- 30.1 In case any discrepancy is observed between the text etc. of the original copy

and that in the other copies of the same tender set, the text etc. of the original copy shall prevail. Here also, the purchaser will convey its observation suitably to the tenderer by email/registered post/speed post and, if the tenderer does not accept the purchaser's observation, that tender will be liable to be ignored.

31. Qualification Criteria

- 31.1 Tenders of the tenderers, who do not meet the required Qualification Criteria prescribed in Section IX, will be treated as non - responsive and will not be considered further.

32. Conversion of tender currencies to Indian Rupees

- 32.1 In case the TE document permits the tenderers to quote their prices in different currencies, all such quoted prices of the responsive tenderers will be converted to Indian Rupees for the purpose of equitable comparison and evaluation, as per the exchange rates established by the Reserve Bank of India for similar transactions, as on the date of 'Price Tender' opening.

33. Schedule-wise Evaluation

- 33.1 In case the List of Requirements contains more than one schedule, the responsive tenders will be evaluated and compared separately for each schedule. The tender for a schedule will not be considered if the complete requirements prescribed in that schedule are not included in the tender. However, as already mentioned in GIT sub clause 13.2, the tenderers have the option to quote for any one or more schedules.

34. Comparison of Tenders

- 34.1 Unless mentioned otherwise in Section – III – Special Instructions to Tenderers and Section–VI – List of Requirements, the comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) consignee site basis. The quoted CMC prices will be added for comparison/ranking purpose for evaluation. The tenderer should quote absolute value of CMC price in ₹ for each year and for five (5) years.

35. Additional Factors and Parameters for Evaluation and Ranking of Responsive Tenders

- 35.1 Further to GIT Clause 34 above, the purchaser's evaluation of a tender will include and take into account the following:
- i) In case of goods manufactured in India or goods of foreign origin already

located in India, sales tax & other similar taxes and excise duty & other similar duties, custom duties, service tax, works contract tax etc. which will be contractually payable (to the tenderer), on the goods if a contract is awarded on the tenderer; and

ii) In case of goods of foreign origin offered from abroad, customs duty and other similar import duties/taxes, which will be contractually payable (to the tenderer) on the goods if the contract is awarded on the tenderer.

35.2 The purchaser's evaluation of tender will also take into account the additional factors, if any, incorporated in SIT in the manner and to the extent indicated therein.

35.3 The Purchaser reserves the right to give the price preference to small-scale sectors etc. and purchase in preference to central public sector undertakings as per the instruction in vogue while evaluating, comparing and ranking the responsive tenders.

36. Tenderer's capability to perform the contract

36.1 The purchaser, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the tenderer, whose tender has been determined as the lowest evaluated responsive tender is eligible, qualified and capable in all respects to perform the contract satisfactorily. If, there is more than one schedule in the List of Requirements, then, such determination will be made separately for each schedule.

36.2 The above-mentioned determination will, interalia, take into account the tenderer's financial, technical and production capabilities for satisfying all the requirements of the purchaser as incorporated in the TE document. Such determination will be based upon scrutiny and examination of all relevant data and details submitted by the tenderer in its tender as well as such other allied information as deemed appropriate by the purchaser.

37. Contacting the Purchaser

37.1 From the time of submission of tender to the time of awarding the contract, if a tenderer needs to contact the purchaser for any reason relating to this tender enquiry and / or its tender, it should do so only in writing.

37.2 In case a tenderer attempts to influence the purchaser in the purchaser's decision on scrutiny, comparison & evaluation of tenders and awarding the contract,

the tender of the tenderer shall be liable for rejection; in addition, the purchaser may initiate appropriate administrative actions as deemed fit against that tenderer.

G. AWARD OF CONTRACT

38. Purchaser has Right to accept any tender and to reject any or all tenders

38.1 The purchaser reserves the right to accept in part or in full any tender or reject any or more tender(s) without assigning any reason or to cancel the tendering process and reject all tenders at any time prior to award of contract, without incurring any liability, whatsoever to the affected tenderer or tenderers.

39. Award Criteria

39.1 Subject to GIT clause 38 above, the contract will be awarded to the lowest evaluated responsive tenderer decided by the purchaser in terms of GIT Clause 36.

40. Variation of Quantities at the Time of Award/ Currency of Contract

40.1 At the time of awarding the contract, the purchaser reserves the right to increase or decrease the quantity of goods and services mentioned in the schedule(s) in the "List of Requirements" (rounded to next whole number) by up to twenty five (25) per cent without any change in the unit price and other terms & conditions quoted by the tenderer.

40.2 If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase the quantity of goods and services mentioned in the contract (rounded-off to the next whole number) by up to twenty five (25) per cent without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract / within one year from the Date of Notification of Award.

41. Notification of Award

41.1 Before expiry of the tender validity period, the purchaser will notify the successful tenderer(s) in writing, by email/registered post/speed post or by fax/telex/cable (to be confirmed by registered post/speed post) that its tender for goods & services has been accepted. The notification will also briefly indicate therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful tenderer must furnish to the purchaser the required performance security within thirty

days from the date of dispatch of this notification, failing which the EMD will be forfeited and the award will be cancelled. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

41.2 The Notification of Award shall constitute the conclusion of the Contract.

42. Issue of Contract

42.1 Promptly after notification of award, the Purchaser/Consignee will mail the contract form (as per **Section XVI**) duly completed and signed, in duplicate, to the successful tenderer by registered post / speed post.

42.2 Within twenty one days from the date of the contract, the successful tenderer shall return the original copy of the contract, duly signed and dated, to the Purchaser/Consignee by registered post/ speed post.

43. Non-receipt of Performance Security and Contract by the Purchaser/Consignee

43.1 Failure of the successful tenderer in providing performance security and/or returning contract copy duly signed in terms of GIT clauses 41 and 42 above shall make the tenderer liable for forfeiture of its EMD and, also, for further actions by the Purchaser/Consignee against it as per the clause 24 of GCC - Termination for default.

44. Return of EMD

44.1 The earnest money of the successful tenderer and the unsuccessful tenderers will be returned to them without any interest, whatsoever, in terms of GIT Clause 19.6.

45. Publication of Tender Result

45.1 The name and address of the successful tenderer(s) receiving the contract(s) will be mentioned in the notice board/ website of the purchaser.

46. Corrupt or Fraudulent Practices

46.1 It is required by all concerned namely the Consignee/Tenderers/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser: -

(a) Defines, for the purposes of this provision, the terms set forth below as follows:

(i) "corrupt practice" means 'offering', 'giving', 'receiving' or 'soliciting' anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) "fraudulent practice" means a misrepresentation of facts in order to influence the procurement process or execution of a contract to the detriment of the

Purchaser, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;

(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(c) will declare a firm ineligible, either indefinitely or for a stated period of time, if it, at any time, determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

SECTION - III

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. 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 special instructions to tenderers are same as described in SECTION II general instructions to tenderers.

SECTION IV

GENERAL CONDITIONS OF CONTRACT (GCC) &
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GENERAL CONDITIONS OF CONTRACT (GCC)

1. Application

- 1.1 The General Conditions of Contract incorporated in this section shall be applicable for this purchase to the extent the same are not superseded by the Special Conditions of Contract prescribed under Section V, List of requirements under Section VI and Technical Specification under Section VII of this document.

2. Use of contract documents and information

- 2.1 The supplier shall not, without the purchaser's prior written consent, disclose the contract or any provision thereof including any specification, drawing, sample or any information furnished by or on behalf of the purchaser in connection with the tender to any person other than the person(s) employed by the supplier in the performance of the contract emanating from this TE document. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for the purposes of such performance for this contract.
- 2.2 Further, the supplier shall not, without the purchaser's prior written consent, make use of any document or information mentioned in GCC sub-clause 2.1 above except for the sole purpose of performing this contract.
- 2.3 Except the contract issued to the supplier, each and every other document mentioned in GCC sub-clause 2.1 above shall remain the property of the purchaser and, if advised by the purchaser, all copies of all such documents shall be returned to the purchaser on completion of the supplier's performance and obligations under this contract.

3. Patent Rights

- 3.1 The supplier shall, at all times, indemnify and keep indemnified the purchaser, free of cost, against all claims which may arise in respect of goods & services to be provided by the supplier under the contract for infringement of any intellectual property rights or any other right protected by patent, registration of designs or trademarks. In the event of any such claim in respect of alleged breach of patent, registered designs, trade-marks etc. being made against the purchaser, the purchaser shall notify the supplier of the same and the supplier shall, at his own expenses take care of the same for settlement without any

liability to the purchaser.

4. Country of Origin

- 4.1 All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.
- 4.2 The word “origin” incorporated in this clause means the place from where the goods are mined, cultivated, grown, manufactured, produced or processed or from where the services are arranged.
- 4.3 The country of origin should be specified in the Price Schedule

5. Performance Security

- 5.1 Within thirty (30) days from the date of the issue of notification of award by the Purchaser/Consignee, the supplier shall furnish performance security to the Purchaser/Consignee for an amount equal to ten percent (10%) of the total value of the contract, valid up to sixty (60) days after the date of completion of all contractual obligations by the supplier including the warranty obligations from the date of Notification of Award
- 5.2 The Performance security shall be denominated in Indian Rupees or in the currency of the contract as detailed below:
- a) It shall be in any one of the forms namely Account Payee Demand Draft or Fixed Deposit Receipt drawn from any nationalized bank in India or Bank Guarantee issued by a nationalized bank in India, in the prescribed form as provided in **section XV** of this document in favor of the Purchaser / Consignee. The validity of the Fixed Deposit receipt or Bank Guarantee will be for a period up to sixty-days (60) beyond Warranty Period.
- 5.3 In the event of any failure / default of the supplier with or without any quantifiable loss to the consignee, the bank Guarantee for CMC security as per Proforma in Section XV, and the amount of the performance security is liable to be forfeited. The Administration Department may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the consignee.
- 5.4 In the event of any amendment issued to the contract, the supplier shall, within twenty-one (21) days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid

in all respects in terms of the contract, as amended.

5.5 The supplier shall enter into Annual Comprehensive Maintenance Contract as per the 'Contract Form – B' in **Section XVI** with the consignees, 3 (three) months prior to the completion of Warranty Period. The CMC will commence from the date of expiry of the Warranty Period.

5.6 Subject to GCC sub-clause 5.3 above, the Purchaser/Consignee will release the Performance Security without any interest to the supplier on completion of the supplier's all contractual obligations including the warranty obligations and after receipt of Consignment wise bank guarantee for CMC security in favor of AIIMS Raipur, Tatibandh, Raipur (CG) as per the format given in **Section XV**.

6. Technical Specifications and Standards

6.1 The Goods & Services to be provided by the supplier under this contract shall conform to the technical specifications and quality control parameters mentioned in 'Technical Specification' and 'Quality Control Requirements' under Sections VII and VIII of this document.

7. Packing and Marking

7.1 The packing for the goods to be provided by the supplier should be strong and durable enough to withstand, without limitation, the entire journey during transit including trans-shipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the reOTeness of the final destination of the goods and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.

7.2 The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as provided in Technical Specifications and Quality Control Requirements under Sections VII and VIII and in SCC under Section V. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the supplier accordingly.

7.3 Packing instructions: Unless otherwise mentioned in the Technical Specification and Quality Control Requirements under Sections VII and VIII and in SCC

under Section V, the supplier shall mark each package on three sides with the following with indelible paint of proper quality:

- a. Contract number and date
- b. Brief description of goods including quantity
- c. Packing list reference number
- d. Country of origin of goods
- e. Consignee's name and full address, and
- f. Supplier's name and address

8. Inspection, Testing and Quality Control

- 8.1 The purchaser and/or its nominated representative(s) will, without any extra cost to the purchaser, inspect and/or test the ordered goods and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The purchaser shall inform the supplier in advance and in writing the purchaser's program for such inspection and the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging of the inspecting officials will be borne by the supplier and/or its nominated representative(s).
- 8.2 The Technical Specification and Quality Control Requirements incorporated in the contract shall specify what inspections and tests are to be carried out and, also, where and how they are to be conducted. If such inspections and tests are conducted in the premises of the supplier or its subcontractor(s), all reasonable facilities and assistance, including access to relevant drawings, design details and production data, shall be furnished by the supplier to the purchaser's inspector at no charge to the purchaser.
- 8.3 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the purchaser's inspector may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet the specifications and standards, as required, free of cost to the purchaser and resubmit the same to the purchaser's inspector for conducting the inspections and tests again.
- 8.4 In case the contract stipulates pre-dispatch inspection of the ordered goods at supplier's premises, the supplier shall put-up the goods for such inspection to the purchaser's inspector well ahead of the contractual delivery period so that the

purchaser's inspector is able to complete the inspection within the contractual delivery period.

- 8.5 If the supplier tenders the goods to the purchaser's inspector for inspection at the last moment without providing reasonable time to the inspector for completing the inspection within the contractual delivery period, the inspector may carry out the inspection and complete the formality beyond the contractual delivery period at the risk and expense of the supplier. The fact that the goods have been inspected after the contractual delivery period will not have the effect of keeping the contract alive and this will be without any prejudice to the legal rights and remedies available to the purchaser under the terms & conditions of the contract.
- 8.6 The purchaser's/consignee's contractual right to inspect, test and, if necessary, reject the goods after the goods' arrival at the final destination shall have no bearing of the fact that the goods have previously been inspected and cleared by purchaser's inspector during pre-dispatch inspection mentioned above.
- 8.7 Goods accepted by the purchaser/consignee and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute purchaser's/consignee's right to reject the same later, if found deficient in terms of the warranty clause of the contract, as incorporated under GCC Clause 15.
- 8.8 Principal/ Foreign supplier shall also have the equipment inspected by recognized / reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser) prior to dispatch at the supplier's cost and furnish necessary certificate from the said agency in support of their claim.

9. Terms of Delivery

- 9.1 Goods shall be delivered by the supplier in accordance with the terms of delivery specified in the contract.

10. Transportation of Goods

- 10.1 Instructions for transportation of imported goods offered from abroad:

The supplier shall not arrange part-shipments and/or transshipment without the express/prior written consent of the purchaser. The supplier is required under the contract to deliver the goods under CIP (Named port of destination) terms; the shipment shall be made by Indian flag vessel or by vessels belonging to the conference lines in which India is a member country through India's forwarding agents/coordinators. In case the forwarding agent/coordinators are unable to

provide timely adequate space in Indian flag vessel or by vessels belonging to the conference lines, the supplier shall arrange shipment through any available vessel to adhere to the delivery schedule given in the contract. In case of airlifting of imported goods offered from abroad, the same will be done only through the National Carrier i.e. Air India wherever applicable. In case the National Carrier is not available, any other airlines available for early delivery may be arranged.

- 10.2 Instructions for transportation of domestic goods including goods already imported by the supplier under its own arrangement: In case no instruction is provided in this regard in the SCC, the supplier will arrange transportation of the ordered goods as per its own procedure.

11. Insurance:

- 11.1 Unless otherwise instructed in the SCC, the supplier shall make arrangements for insuring the goods against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the following manner:

- i) In case of supply of domestic goods on Consignee site basis, the supplier shall be responsible till the entire stores contracted for arrive in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured. The insurance cover shall be obtained by the Supplier and should be valid till 3 months after the receipt of goods by the Consignee;
- ii) In case of supply of the imported goods on CIP Basis (Named port of Destination), the additional extended Insurance (local transportation and storage) would be borne by the Supplier from the port of entry to the consignee site for a period including 3 months beyond date of delivery.

If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will be extended by the supplier at their cost till the successful installation, testing, commissioning and handing over of the goods to the consignee. In case the delay in the installation and commissioning is due to handing over of the site to the supplier by the consignee, such extensions of the insurance will still be done by the supplier, but the insurance extension charges at actuals will be reimbursed.

12. Spare parts

- 12.1 If specified in the List of Requirements and in the resultant contract, the

supplier shall supply/provide any or all of the following materials, information etc. pertaining to spare parts manufactured and/or supplied by the supplier:

- a. The spare parts as selected by the Purchaser/Consignee to be purchased from the supplier, subject to the condition that such purchase of the spare parts shall not relieve the supplier of any contractual obligation including warranty obligations; and
- b. In case the production of the spare parts is discontinued:
 - i. The supplier shall give sufficient advance notice to the Purchaser/Consignee before such discontinuation to provide adequate time to the purchaser to purchase the required spare parts etc., and
 - ii. Immediately following such discontinuation, the supplier shall provide free of cost, the designs, drawings, layouts and specifications of the spare parts to the purchaser/consignee as and if requested by the purchaser /consignee

12.2 Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the goods so that the same are supplied to the Purchaser/Consignee promptly on receipt of order from the Purchaser/Consignee.

13. Incidental services

- 13.1 Subject to the stipulation, if any, in the SCC (Section – V), List of Requirements (Section – VI) and the Technical Specification (Section – VII), the supplier shall be required to perform the following services:
- i. Installation & commissioning, Supervision and Demonstration of the goods;
 - ii. Installation including integration with the OT pendants etc will be the responsibility of the supplier. All accessories like UPS cables ports and spares etc., as necessary for complete smooth and breakdown free functioning of the entire system shall be provided by the supplier as a part of the project;
 - iii. Providing required jigs and tools for assembly, **minor** civil works required for the completion of the installation;
 - iv. Training of Consignee's Doctors, Staff, operators etc. for operating and maintaining the goods;
 - v. Supplying required number of operation & maintenance manual for the goods

14. Distribution of Dispatch Documents for Clearance/Receipt of Goods

The supplier shall send all the relevant dispatch documents well in time to the Purchaser/Consignee to enable the Purchaser/Consignee clear or receive (as the case may be) the goods in terms of the contract. Unless otherwise specified in the SCC, the usual documents involved and the drill to be followed in general for this purpose are as follows.

A) For Domestic Goods, including goods already imported by the supplier under its own arrangement

Within 24 hours of dispatch, the supplier shall notify the purchaser/consignee, and others concerned, if mentioned in the contract, the complete details of dispatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract):

- a. Four copies of supplier's invoice showing contract number, goods description,
- b. quantity, unit price and total amount;
- c. Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
- d. Two copies of packing list identifying contents of each package;
- e. Inspection certificate issued by the nominated Inspection agency, if any;
- f. Certificate of origin;
- g. Insurance Certificate as per GCC Clause 11;
- h. Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

B) For goods imported from abroad

Within 24 hours of dispatch, the supplier shall notify the purchaser, consignee, and others concerned if mentioned in the contract, the complete details of dispatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract). Any delay or demurrage occurred during the customs clearance on account of the non-availability of technical support/clarifications/documents from the supplier shall be borne by the supplier:

- i. Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- ii. Original and four copies of the negotiable clean, on-board Bill of Lading

- / Airway bill, marked freight prepaid, and
- iii. four copies of non-negotiable Bill of Lading/ Airway bill;
- iv. Four Copies of packing list identifying contents of each package;
- v. Insurance Certificate as per GCC Clause 11;
- vi. Manufacturer's/Supplier's warranty certificate;
- vii. Inspection Certificate for the dispatched equipments issued by recognized/
reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser)
prior to dispatch
- viii. Manufacturer's own factory inspection report;
- ix. Certificate of origin
- x. Port of Loading;
- xi. Port of Discharge; and,
- xii. Expected date of arrival

15. Warranty

- 15.1 The supplier warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials (*except when the design adopted and / or the material used are as per the Purchaser's/Consignee's specifications*) or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied goods in the conditions prevailing in India.
- 15.2 The **warranty** shall remain valid for 60 months from the date of installation & commissioning with a regular updating of newer technology as and when evolved followed by a CMC for a period of 5 (Five) years for all the equipments and services.
- a. No conditional warranty like mishandling, manufacturing defects etc. will be acceptable.
 - b. Warranty as well as Comprehensive Maintenance contract will be inclusive of all accessories and Turnkey work and it will also cover the following:
 - Any kind of OTor
 - Plastic & Glass Parts

- All kind of sensors
 - All kind of coils, probes and transducers
 - Air-conditioners
 - c. Replacement and repair will be under taken for the defective goods.
 - d. Proper marking has to be made for all spares for identification like printing of installation and repair dates.
- 15.3 In case of any claim arising out of this warranty, the Purchaser/Consignee shall promptly notify the same in writing to the supplier. The period of the warranty will be as per G.C.C clause number 15.2 above irrespective of any other period mentioned elsewhere in the bidding documents.
- 15.4 Upon receipt of such notice, the supplier shall, **within 8 hours** on a 24(hrs) X 7 (days) X 365 (days) basis respond to take action to repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause for non-rectification will be applicable as per tender conditions
- 15.5 In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/replaced goods shall be extended to a further period of **twenty-four (24) months** from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) **within 8 hours** on a 24(hrs) X 7 (days) X 365 (days) basis, the purchaser may proceed to take such remedial action(s) as deemed fit at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the purchaser may have against the supplier.
- 15.7 During Warranty period, the supplier is required to visit at consignee's site at least once in 6 months commencing from the date of the installation for preventive maintenance of the goods
- 15.8 The Purchaser/Consignee reserve the rights to enter into Annual Comprehensive Maintenance Contract for the period as mentioned in Section VII, Technical
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Specifications after the completion of warranty period.

15.9 The supplier along with its Indian Agent and the CMC provider shall ensure continued supply of the spare parts for the machines and equipments supplied by them to the purchaser for 10 years from the date of installation and handing over.

15.10 The Supplier along with its Indian Agent and the CMC Provider shall always accord most favoured client status to the Purchaser vis-à-vis its other Clients/Purchasers of its equipments/machines/goods etc. and shall always give the most competitive price for its machines/equipments supplied to the purchaser/Consignee.

16. Assignment

16.1 The Supplier shall not assign, either in whole or in part, its contractual duties, responsibilities and obligations to perform the contract, except with the Purchaser's prior written permission.

17. Sub Contracts

17.1 The Supplier shall notify the Purchaser in writing of all sub contracts awarded under the contract if not already specified in its tender. Such notification, in its original tender or later, shall not relieve the Supplier from any of its liability or obligation under the terms and conditions of the contract.

17.2 Sub contract shall be only for bought out items and sub-assemblies.

17.3 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").

18. Modification of contract

18.1 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.
- 18.2 In the event of any such modification/alteration causing increase or decrease in the cost of goods and services to be supplied and provided, or in the time required by the supplier to perform any obligation under the contract, an equitable adjustment shall be made in the contract price and/or contract delivery schedule, as the case may be, and the contract shall be amended accordingly. If the supplier does not agree to the adjustment made by the Purchaser/Consignee, the supplier shall convey its views to the Purchaser/Consignee within twenty-one days from the date of the supplier's receipt of the Purchaser /Consignee's amendment / modification of the contract.

19. Prices

- 19.1 Prices to be charged by the supplier for supply of goods and provision of services in terms of the contract shall not vary from the corresponding prices quoted by the supplier in its tender and incorporated in the contract except for any price adjustment authorized in the SCC, if any.

20. Taxes and Duties

- 20.1 Supplier shall be entirely responsible for all taxes, duties, fees, levies etc. incurred until delivery of the contracted goods to the purchaser.
- 20.2 Further instruction, if any, shall be as provided in the SCC.

21. Terms and Mode of Payment

21.1 Payment Terms

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.

A) Payment for Domestic Goods of foreign Origin Located within India

Payment shall be made in Indian Rupees as specified in the contract in the following manner:

a) On delivery:

70 % payment of the contract price shall be paid on receipt of goods in good condition at the consignee premises and upon the submission of the following documents:

- i. Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- ii. Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;
- iii. Two copies of packing list identifying contents of each package;
- iv. Inspection certificate issued by the nominated Inspection agency, if any;
- v. Insurance Certificate as per GCC Clause 11 and documents should also be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;
- vi. Certificate of origin and certificate of guarantee and warrantee

b) On Acceptance:

Balance 30 % payment would be made against 'Final Acceptance Certificate' as per Section XVIII of goods to be issued by the consignees subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.

B) Payment for Imported Goods:

Payment for foreign currency portion shall be made in the currency as specified in the contract in the following manner:

a) On Shipment:

Seventy Five (70) % of the net CIP price (CIP price less Indian Agency commission) of the goods shipped shall be paid through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country and upon submission of documents specified hereunder:

- i. Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;
- ii. Original and four copies of the negotiable clean, on-board Bill of Lading/ Airway bill, marked freight pre paid and four copies of non-negotiable Bill of Lading/ Airway bill;
- iii. Four Copies of packing list identifying contents of each package;
- iv. Insurance Certificate as per GCC Clause 11 and documents also to be submitted for payment of LC confirming that dispatch documents has already been sent to all concerned as per the contract within 24 hours;

- v. Manufacturer's/Supplier's warranty certificate;
- vi. Inspection certificate issued by the nominated inspection agency, if applicable as per contract;
- vii. Manufacturer's own factory inspection report and
- viii. Certificate of origin by the chamber of commerce of the concerned country;
- ix. Inspection Certificate for the dispatched equipments issued by recognized/reputed agency like SGS, Lloyd or equivalent (acceptable to the purchaser) prior to dispatch.
- x. Certificate of origin

b) On Acceptance:

Balance payment of 30 % of net CIP price of goods would be made against 'Final Acceptance Certificate' as per Section XVIII to be issued by the consignees through irrevocable, non-transferable Letter of Credit (LC) opened in favor of the Foreign Principal in a bank in his country, subject to recoveries, if any.

c) Payment of Incidental Costs & Incidental Services until consignee site (including Installation & Commissioning, Supervision, Demonstration and Training) will be paid in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal.

d) Payment of Indian Agency Commission:

Indian Agency commission will be paid to the manufacturer's agent in the local currency for an amount in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. Payment shall be paid in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal.

C) Payment of Turnkey, if any:

Turnkey payment will be made to the bidder/manufacturer's agent in Indian rupees indicated in the relevant Price Schedule (as per prevailing rate of exchange ruling on the date of Contract) and shall not be subject to further escalation / exchange variation. Payment shall be made in Indian Rupees to the Indian Agent on proof of 100 % payment to the Foreign Principal.

D) Payment for Annual Comprehensive Maintenance Contract Charges:

The consignee will enter into CMC with the supplier at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 2.5 % of the cost of the equipment as per contract in the prescribed format given in Section XV valid till 2 months after expiry of entire CMC period.

- 21.2 The supplier shall not claim any interest on payments under the contract.
- 21.3 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.
- 21.4 Irrevocable & non-transferable LC shall be opened by the respective consignees. However, if the supplier requests specifically to open confirmed LC, the extra charges would be borne by the supplier. If LC is required to be extended and/or amended for reasons not attributable to the purchaser/consignee, the charges thereof shall be borne by the supplier.
- 21.5 The payment shall be made in the currency / currencies authorized in the contract.
- 21.6 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to the consignee.
- 21.7 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.
- 21.8 While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from the Purchaser/Consignee, 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, it (the supplier) shall refund to the Purchaser/Consignee forthwith.
- 21.9 In case the supplier is not in a position to submit bill for the balance payment for want of receipted copies of Inspection Note from the consignee and the consignee has not complained about the non-receipt, shortage, or defects in the supplies made, balance amount will be paid by the paying authority without consignee's receipt certificate after three months from the date of the preceding

part payment for the goods in question subject to the following conditions:

- a. The supplier will make good any defect or deficiency that the consignee(s) may report within six months from the date of dispatch of goods;
- b. Delay in supplies, if any, has been regularized;
- c. The contract price where it is subject to variation has been finalized;
- d. The supplier furnishes the following undertakings:

“I/We, ____certify that I/We have not received back the Inspection Note duly receipted by the consignee or any communication from the purchaser or the consignee about non-receipt, shortage or defects in the goods supplied. I/We agree to make good any defect or deficiency that the consignee may report within three months from the date of receipt of this balance payment.

22. Delay in the supplier's performance

- 22.1 The supplier shall deliver the goods and perform the services under the contract within the time schedule specified by the Purchaser/Consignee in the List of Requirements and as incorporated in the contract.
- 22.2 Subject to the provision under GCC clause 26, any unexcused delay by the supplier in maintaining its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:
 - i. Imposition of liquidated damages;
 - ii. Forfeiture of its performance security, and;
 - iii. Termination of the contract for default.
- 22.3 If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods and performance of services, the supplier shall promptly inform the Purchaser/Consignee in writing about the same and its likely duration and make a request to the Purchaser/Consignee for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Purchaser/Consignee shall examine the situation as soon as possible and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages for completion of supplier's contractual obligations by issuing an amendment to the contract.
- 22.4 When the period of delivery is extended due to unexcused delay by the supplier, the amendment letter extending the delivery period shall, interalia

contain the following conditions:

- a. The Purchaser/Consignee shall recover from the supplier, under the provisions of the clause 23 of the General Conditions of Contract, liquidated damages on the goods and services, which the Supplier has failed to deliver within the delivery period stipulated in the contract.
- b. That no increase in price on account of any ground, whatsoever, including any stipulation in the contract for increase in price on any other ground and, also including statutory increase in or fresh imposition of customs duty, excise duty, sales tax/ VAT, Service Tax and Works Contract Tax or on account of any other tax or duty which may be levied in respect of the goods and services specified in the contract, which takes place after the date of delivery stipulated in the contract shall be admissible on such of the said goods and services as are delivered and performed after the date of the delivery stipulated in the contract.
- c. But nevertheless, the Purchaser/Consignee shall be entitled to the benefit of any decrease in price on account of reduction in or remission of customs duty, excise duty, sales tax/ VAT, Service Tax and Works Contract Tax or any other duty or tax or levy or on account of any other grounds, which takes place after the expiry of the date of delivery stipulated in the contract.

22.5 The supplier shall not dispatch the goods after expiry of the delivery period. The supplier is required to apply to the Purchaser/Consignee for extension of delivery period and obtain the same before dispatch. In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk and no claim for payment for such supply and/ or any other expense related to such supply shall lie against the purchaser.

23. Liquidated damages

23.1 Subject to GCC clause 26, if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 10% of the contract

price. Once the maximum is reached, the Purchaser/Consignee may consider termination of the contract as per GCC 24. During the above-mentioned delayed period of supply and / or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply.

24. Termination for default

24.1 The Purchaser/Consignee, without prejudice to any other contractual rights and remedies available to it (the Purchaser/Consignee), may, by sending written notice of default to the supplier, terminate the contract in whole or in part if the supplier fails to deliver any or all of the goods or fails to perform any other contractual obligation(s) within the time period specified in the contract or within any extension thereof granted by the Purchaser/Consignee pursuant to GCC sub-clauses 22.3 and 22.4.

24.2 In the event of the Purchaser/Consignee terminating the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Purchaser/Consignee may procure goods and/or services similar to those cancelled, with such terms and conditions and in such manner as it deems fit and the supplier shall be liable to the Purchaser/Consignee for the extra expenditure, if any, incurred by the Purchaser/Consignee for arranging such procurement.

24.3 Unless otherwise instructed by the Purchaser/Consignee, the supplier shall continue to perform the contract to the extent not terminated.

25. Termination for insolvency

25.1 If the supplier becomes bankrupt or otherwise insolvent, the purchaser reserves the right to terminate the contract at any time, by serving written notice to the supplier without any compensation, whatsoever, to the supplier, subject to further condition that such termination will not prejudice or affect the rights and remedies which have accrued and/or will accrue thereafter to the Purchaser/Consignee.

26. Force Majeure

26.1 Notwithstanding the provisions contained in GCC clauses 22, 23 and 24, the supplier shall not be liable for imposition of any such sanction so long as the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure.

26.2 For purposes of this clause, Force Majeure means an event beyond the control of

the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, acts of the Purchaser/Consignee either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil comOTion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, and freight embargoes.

- 26.3 If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 26.4 If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side.
- 26.5 In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfill its contractual commitment and responsibility, the purchaser / Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

- 27.1 The Purchaser/Consignee reserves the right to terminate the contract, in whole or in part for its (Purchaser's/Consignee 's) convenience, by serving written notice on the supplier at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Purchaser/Consignee. The notice shall also indicate interalia, the extent to which the supplier's performance under the contract is terminated, and the date with effect from which such termination will become effective.
- 27.2 The goods and services which are complete and ready in terms of the contract for delivery and performance within thirty days after the supplier's receipt of

the notice of termination shall be accepted by the Purchaser/Consignee following the contract terms, conditions and prices. For the remaining goods and services, the Purchaser/Consignee may decide:

- a. To get any portion of the balance completed and delivered at the contract terms, conditions and prices; and / or
- b. To cancel the remaining portion of the goods and services and compensate the supplier by paying an agreed amount for the cost incurred by the supplier towards the remaining portion of the goods and services.

28. Governing language

28.1 The contract shall be written in English language following the provision as contained in GIT clause 4. All correspondence and other documents pertaining to the contract, which the parties exchange, shall also be written accordingly in that language.

29. Notices

29.1 Notice, if any, relating to the contract given by one party to the other, shall be sent in writing or by cable or telex or facsimile and confirmed in writing. The procedure will also provide the sender of the notice, the proof of receipt of the notice by the receiver. The addresses of the parties for exchanging such notices will be the addresses as incorporated in the contract.

29.2 The effective date of a notice shall be either the date when delivered to the recipient or the effective date specifically mentioned in the notice, whichever is later.

30. Resolution of disputes

30.1 If dispute or difference of any kind shall arise between the Purchaser / Consignee and the supplier in connection with or relating to the contract, the parties shall make every effort to resolve the same amicably by mutual consultations.

30.2 If the parties fail to resolve their dispute or difference by such mutual consultation within twenty-one days of its occurrence, then, unless otherwise provided in the SCC, if any, either the Purchaser/Consignee or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided the applicable arbitration procedure will be as per the **Arbitration and Conciliation Act, 1996 of India**. In the case of a dispute or

difference arising between the Purchaser/Consignee and a domestic Supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be referred to the sole arbitration of an officer in the Ministry of Law and Justice, appointed to be the arbitrator by the Director General (Health Services). The award of the arbitrator shall be final and binding on the parties to the contract subject to the provision that the Arbitrator shall give reasoned award in case the value of claim in reference exceeds Rupees One lakhs (₹ 1,00,000/-)

30.3 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., **Raipur (CG), India.**

31. Applicable Law

The contract shall be governed by and interpreted in accordance with the laws of India for the time in force.

32. General/ Miscellaneous Clauses

32.1 Nothing contained in this Contract shall be **constructed** as establishing or creating between the parties, i.e. the Supplier/its Indian Agent/CMC Provider on the one side and the Purchaser on the other side, a relationship of master and servant or principal and agent.

32.2 Any failure on the part of any Party to exercise right or power under this Contract shall not operate as waiver thereof.

32.3 The Supplier shall notify the Purchaser/Consignee of any material change that would affect performance of its obligations under this Contract.

32.4 Each member/constituent of the Supplier/its Indian Agent/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Purchaser/Consignee for performance of contract/services including that of its Associates/Sub Contractors under the Contract.

32.5 The Supplier/its Indian Agent/CMC Provider shall at all times, indemnify and keep indemnified the Purchaser against all claims/damages etc. for any infringement of any Intellectual Property Rights (IPR) while providing its services under CMC or the Contract.

32.6 The Supplier/its Agent/CMC Provider shall, at all times, indemnify and keep indemnified the Purchaser/Consignee against any claims in respect of any

damages or compensation payable in consequences of any accident or injury sustained or suffered by its employees or agents or by any other third party resulting from or by any action, omission or operation conducted by or on behalf of the supplier/its associate/affiliate etc.

- 32.7 All claims regarding indemnity shall survive the termination or expiry of the contract.

SECTION – V

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/substitute/supplement the corresponding (GCC) clauses. Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

The special conditions of contract are the same as described in SECTION IV general conditions of contract.

SECTION VI**List of Requirements****Part I**

Schedule No.	Equipment Name	Total Quantity	EMD Details
1	Low End Modular Operation Theatre	4	₹ 7,70,000/-
2	Double dome Operating lights with HD camera and facility of streaming Audio-Visual output for conferencing at a distance of 300 meters	3	₹ 1,50,000/-
3	Double dome LED operating lights	1	₹ 50,000/-
4	Operating Room Table with all the accessories described under the head accessories	2	₹ 2,50,000/-
5	Operating Room Table with side arm rests (2 number for each table)	2	₹ 1,50,000/-

Part II: Required Delivery Schedule:

a) For Indigenous goods or for imported goods:

For all schedules: Delivery installation and commissioning should be completed within 90 days from the date of notification of award. (Tenderers may quote earliest delivery period).

Note: The Purchaser/Consignee reserves the right to extend the delivery period up to one year from the date of NOA at its discretion.

Part III: Scope of Incidental Services:

Installation & Commissioning, Supervision, Demonstration, Trial run and Training etc. as specified in GCC Clause 13

Part IV: Turnkey (if any) as per details in Technical Specification

Part V: Comprehensive Maintenance Contract (CMC) as per details in Technical Specification.

Part VI: Required Terms of Delivery and Destination

a) For Indigenous goods or for imported goods if supplied from India:

Insurance, local transportation from warehouse to the consignee site and storage would be borne by the Supplier for a period including 3 months beyond date of delivery

b) For Imported goods directly from abroad:

The foreign tenderers are required to quote their rates on CIP (Named Port of Destination) Basis giving breakup of the price as per the Proforma prescribed in the Price Schedule. Purchaser will place the order on CIP (Named Port of Destination) basis.

The shipping arrangements shall be made in accordance with the instruction of Ministry of Shipping & Transport, New Delhi, India as detailed in Annexure 1 at Section XIX. Insurance, local transportation from warehouse to the consignee site and storage would be extended and borne by the Supplier for a period including 3 months beyond date of delivery.

Destination/Consignee details are given in Section XXI

SECTION VII

TECHNICAL SPECIFICATIONS (OT)

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4 NOS LOW END MODULAR OPERATION THEATER (OT), AIIMS Raipur

RESPONSIBILITY OF BIDDER
Bidder shall be responsible for complete design, construction and commissioning of modular operation theatres based on seamless integration with modular concept
Bidder shall execute all required masonry, electrical, plumbing, air-conditioning system, fire safety and other works (Inside OT) as may be required for complete installation and trouble-free functioning of the operation theatres as a part of the 'turnkey work'
The contractor shall be responsible for the complete works including the submission of Working Drawings, and walk through view.
Bidder shall be responsible for installation and commissioning of medical equipment in coordination with hospital authorities
Bidder shall be responsible for free maintenance of Modular operation theatre during warranty period.
Bidder shall be responsible for commissioning of Medical Gas pipelines, Area valve service units, Alarm systems, Gas outlets and AGSS systems in the Operation theatre area
Bidder shall be responsible for maintenance of suitable air conditioning environment inside the Operation theatre
Bidder should provide factory test certificates for the material used for the construction of modular theatres.
Bidder should supply complete set of 2 hard copies & one soft copy of part manuals, service manuals for all the systems and subsystems to be supplied
The team of engineers from Original Equipment Manufacturer (OEM) /vendor should provide training for a period of six working days to the selected staffs, technicians and engineers
Final electrical safety test, system test, and calibration should be done by authorized persons using calibrated test equipments
OEM or his authorized agent should post a trained engineer who should be available at site or should reach the site within 24 hrs of raising a service call.

SCOPE OF WORK: The Bidder will be responsible for installation and commissioning of 4 numbers of low end modular operation theatres

Operation Theatre location	Room Area (Square Meter)
OT 1 (Trauma building)	*
OT 2 (Trauma building)	*
OT 3 (Trauma building)	*
OT 4 (Ayush PMR)	*

*Please see the attached layout ([Click here to open](#))

GENERAL

- The Pre-fabricated modular construction should be designed and constructed for exact size of operating room with easy field installation
- The Pre-fabricated Operating Room should be constructed using 1.6 mm thick EGP panels backed by 12 mm Bison board.
- The wall panel design and construction should allow for the installation and support of all equipments with provision of openings required for repair and maintenance without affecting rigidity and strength.
- All surfaces should be prepared ready for the finish in accordance with the paint manufacturers recommendations and requirements, especially keeping in view the antimicrobial requirements in the operating rooms.

The turnkey work includes all modifications to the built up space provided at the hospital site including Installation of Medical Equipment, civil modifications, electrical works, plumbing works, interior decoration, air conditioning duct, furniture and other related works of the OT required for the smooth and efficient functioning. These works shall comply with all relevant safety and standards guidelines. The vendor is fully responsible for installation and commissioning of all the equipments mentioned in the tender. Bidders are strongly advised to visit the site for assessment before the submission of tender offer.

Turn Key Job to be provided by the Bidder

1. EGP steel wall paneling and PVC flooring (Commissioning and installation to be strictly carried as per international standards)
2. Installation of laminar flow
3. False ceiling provision in air-conditioned area and sterile area
4. All cable trenches and railings wherever required
5. All electrical accessories like cable wire, electrical outlets, switches, etc. should be fire proof, of reputed make, and certified for electrical safety
6. Bidder has to provide hatch box, storage shelves, surgical scrub basin and other service areas as mentioned in the bid
7. Installation and commissioning of all equipments and Anaesthesia Pendants
8. Any other necessary work required for satisfactory working of the modular OT and not mentioned.

1	WALL PANELLING SYSTEM-SS
	The inner surface walls should be constructed with 1.60 mm thick EGP steel panels backed by Bison board.
	The inner surface walls should be fixed to the bricks wall with essential supports. There should be minimum possible cavity/gap in between the solid and steel walls. The total distance between the inside and outside surfaces of the operating room will be variable to suit the architect's layout, but will be sufficient for the flush mounting of equipments
	The individual wall panels will be spot-welded together at equal intervals to render equal support to the panels. Spot welding will be properly grinded to make the surface leveled.
	All joints will be filled with metal filler and sanded flush onsite ready to receive the plastic finish. Wall panel's joints will be invisible after the final wall coating is applied
	The cavity between the inner and outer walls will be left with minimum obstruction for the possible addition of equipments, enabling services, pipes, conduits, etc., to be run within the cavity. All wall mounted equipment will be flush mounted and sealed into theatre
	The wall panels design and construction should allow for the installation and support of all equipments and should provide provision of openings required for the installation, without affecting rigidity and strength. Access boxes will be fitted to the rear of all wall mounted equipment to enable maintenance to be carried out from outside the operating room.
	All the sharp edges and corners will be rounded to avoid bacterial growth
	The internal surfaces of the room walls will be sprayed with antifungal water based liquid plastic, wall glaze or equivalent, approved by the client to a minimum dry film thickness of 300 microns. The plastic coating will overlap the floor covering, ceiling system and doorframes by 25 mm to provide a continuous sealed surface. The plastic coating will be non-reflective and the color choice should suit OT finish
	These panels should have flame resistance to BS1142 part 3 (British Standard)
	External walls, surfaces and trims shall require no maintenance for up to 25 years in normal conditions, other than for occasional washing down with mild detergents
2	CEILING SYSTEM
	The ceiling plates /cassettes should be made up of 1.6 mm thick EGP steel panels with matt finish backed by 8 mm Bison board and should be polyurethane powder coated. The ceiling suspension should consist of Support elements: Suspension bracket with tension spring, and the material used should be high quality galvanized or powder coated steel
	Room lighting, air supply inlet, ceiling service units; return air outlets, etc.

	should be integrated with SS metal ceiling system.
	The individual panels except those at the edges should be removable individually.
	All the four corners should have return air duct outlets and grill and the same should be made of powder-coated steel with the color choice to suit the hospital's choice.
	The ceiling material should be CE certified according to EN (European standards)
3	LAMINAR AIR FLOW SYSTEM
	The ceiling filtration system should be designed to ensure unidirectional distribution of sterile air with differential flow velocities decreasing from center to perimeter of the surgical theatre to ensure the cleanliness of all the area covered by the air-flow. The ceiling system should be equipped with "S" class HEPA (High Efficiency Particulate Absolute) filters with different performances according to their position in the ceiling to achieve different flow velocities.
	<p>The Laminar flow system should comprise of thick extruded aluminum profile frame and sealed gasket. The HEPA filters installed in the plenum should be suitable for application of laminar flow and clean rooms. These filters should meet following specification:</p> <ol style="list-style-type: none"> It should have a low-pressure drop and that should not exceed 600 pa. The filter should retain germs and dust particles with 99.99% efficiency It should provide air cleanliness as defined in the federal standard 209 E. Protective grids: white epoxy painted micro drawn grid Separators: continuous thermo plastic chord Sealant: Polyurethane Gasket: One piece polyurethane MPPS average efficiency: > 99.95% 3 Micron DOP efficiency > 99.99% Final Maximum Operating Temp: 60 degree Celsius; Maximum RH: 40-60%
	The complete filtration ceiling system should be factory assembled. Its holding structure, Filter frames and top plenum should be made of AISI 316 SS.
	The filtration ceiling system should have flow equalizer to achieve uniform & constant air distribution over the whole surface. It should also have connection for surgical lights to be fitted
	<p>The air management system should be designed to achieve FS. 209</p> <p>The colony forming units should be less than 5 CFU/m³*</p> <p>Particle decontamination kinetics CP = 5 min</p> <p>Biological decontamination kinetics CB = 5 min</p> <p>The operation theatre cleanroom standard should conform to ECG-GMP Annex 1 classification = Class A ISO 14644/1 classification = ISO 5</p>

	Positive pressure should be maintained inside the OT to prevent air contamination from outside the OT.
	The supplier should provide test certificate for HEPA filter and laminar air flow systems from the original manufactures
4	EXHAUST AIR CABINETS
	Return air exhaust cabinets should be provided in the operation theater.
	The exhaust air cabinets should be open-able and cleanable.
	These cabinets should have suction from top as well as from bottom.
	Designed flow rate should not be less than 1000 m ³ /hr. Distribution of exhaust air volume between top and bottom fluff strainers should be 400 m ³ /hr and 600 m ³ /hr
	Fixed type exhaust air cabinet (non-open able) type should not be supplied
	The Exhaust air cabinet should be manufactured and supplied by the supplier of wall and ceiling system supplies.
	Specification of materials and aesthetic should match perfectly with the ceiling system.
5	PVC FLOORING
	It should be 2 mm thick antistatic seamless and antibacterial PVC flooring
	Floor should be seamless, smooth, non-slippery, and made of impervious material conductive enough to dissipate static electricity but not conductive enough to endanger personnel from electric shock.
	PVC flooring of very high-quality capable to combat/dissipate electrostatic charge should be provided
	Continuous roll should be used and joints should be welded by special PVC thermal welding units using PVC welding bars of same color. All vinyl joints should be fully welded to prevent water ingress.
	The sheets should be highly durable and resistant to shock and indentation. It should be scratchproof also. The conductive material should be uniformly impregnated as grains to complete the circuit for proper electron flow
	It should be inert to body fluids, chemicals and disinfectants and should not be affected by temperature variation within the OR
	The floor should efficiently discharge electric charges up to 2 kV
	Flooring installation should be done by skilled workers of accredited agencies authorized by the supplier of PVC sheets. The electrical resistance (point to ground) should be within 2.5×10^4 to 5×10^6 ohms. The floor should not allow buildup of electrical charge beyond 100 volts due to antistatic effect. The corners should not be terminated sharply and concealed cove-former (aluminum) should

	be used overlapping the wall panel to a height of approx. 25 mm and sealed perfectly and uniformly. Self-leveling compounds should be used for this purpose.
	The conductive copper grid laid underneath the PVC sheet should be supported by liquid epoxy compounds allowed to set as a uniform and level surface. The copper strips to be made visible by grinding and no copper strip should project more than 0.5mm above level surface to avoid damage to the PVC sheet. One earthing lead should be brought out from every 150 sqft area and attaching it to the main earthing strip/ground
	Copper grounding strips (0.05 mm thick, 50 mm wide) should be laid flat on the floor in the conductive adhesive and connected to copper strip of grounding. The connection from copper grid should be brought out uniformly at places to form equipotential grid.
	Flooring should be mechanically shock proof, scratch proof, flame retardant and antimicrobial
	Corners should be uniformly curved
	Final surface should be noncorrosive to biological fluids and detergents.
	Color should be uniform, pleasant and matching with ambience
6	HERMETICALLY SEALED DOORS
	The door should be hermetically sealed single sliding door of 2.1 m (H) X 1.8 m (W)
	The controller should be operable by elbow switches/foot switches as well as radar switch (touch less sensor).
	The track should be of stainless steel/extruded aluminum and the running surface for the top rollers should be suitably angled to reduce resistance to movement.
	The door leaf should be hung by means of hard plastic rollers of high quality with double bearing at the top. Rollers should be provided in the SS /extruded aluminum track to enable smooth and noiseless movement.
	Opening and closing of the door should be microprocessor controlled. Switches for opening and closing should be two, one of proximity type and the other of infrared type.
	The door material should be steel powder coated fixed to SS frame (similar to wall panels). Its color should match the interior. Care should be taken to make the leaf strong and light weight.
	One should be able to open and close the door effortlessly in case of failure of automatic mechanism.
	Door opening handle should be strong and sturdy. Material should be of SS (gloss finish). It should be provided with high quality lock.

	Door leaf should have high quality synthetic rubber gasket with long life to ensure hermetic sealing (to maintain air pressure differential). The Air tightness level should be 99.99% at a pressure of 100 KPa.
	The finished floor on either side of the door should be perfectly level (maximum permissible difference ± 1 mm)
	The overall thickness of the finished door should not exceed 60 mm. The inner part of the door should be filled with CFC free polyurethane foam of thickness of 48 mm or nearby and should be sealed airtight to prevent ingress of any microbial organism.
	The door and its controls should comply IEE regulation and BS 7971 standardization. All OTors used should be DC brushless OTors with essential isolation from mains. The noise level should not exceed 60 db
	Door should have a vision window 400mm X 300 mm with hermetically sealed double glazed panels.
	The starting time after receiving the signal should be adjustable between 0.5 to 20 seconds.
	Speed of closing movement - 20-120 mm/sec
	Slow speed - 20-220 mm/sec
	Opening speed - approx. equal to 800 mm/sec
	Closing speed - approx. equal to 500 mm/sec
	Door should provide X ray protection as per AERB regulation (Lead equivalent at 100 kV is 0.27 mm)
	The complete door assembly should be CE or equivalent marked.
	Test certificate for hermetic sealing with doorframe (factory test certificate) should be enclosed and forwarded with the pre dispatch documents.
7	CONTROL PANEL
	The control panel should be designed to cope with changing technology & equipment in operating environments. Control Panel will be user-friendly providing ease of operation & maintenance.

	<p>The panel should be “Membrane” type; configured to incorporate all the services that operation room staff requires. The fascia should be made with superior quality UV resistant membrane with sterilization feature.</p> <p>The Panel should contain 9 service tiles as below:</p> <ol style="list-style-type: none"> 1. Time Day Clock 2. Time Elapse Day Clock 3. General Lighting System 4. Medical Gas Alarm Panel 5. Hands Free Telephone set with memory 6. Temperature & humidity indicator with controller 7. HEPA Filter Status module 8. Room Pressure Indicator 9. Music control
	Time day clock should be digital type & should have high brightness characters.
	Time Elapsed Day Clock should be digital type & should have high brightness characters
	Temperature indicator should indicate the room temperature which should be connected to the local pressure switches of Air-Conditioning System. Indicators should be digital type having high brightness characters, not less than 30 mm in height.
	The panel should have provision to adjust temperature and RH
	Central Lighting system should incorporate all the necessary controls of the lighting system inside the theatre
	The medical gas alarm should indicate High, Normal & Low gas Pressure for each gas service present in the operating room & should have an audible buzzer with mute facility. Pressure sensors should be connected to MGPS for monitoring the pressures
	A hand free Telephone System should be incorporated in the panel with memory card. The control panel should be designed for front- access only
	All internal wires should be marked with plastic Ferrule type cable markers for ease of identification
	The control panel should meet Electrical safety codes for high & low voltage system, wired to the current IEE regulations.
8	PRESSURE RELIEF DAMPERS
	Pressure relief dampers (PRD) should be provided in each room to prevent contamination of air from clean and dirty areas.
	Suitably sized air pressure relief damper should be strategically placed, enabling differential room pressure to be maintained and should ensure that when doors are opened between clean and dirty areas.

	Counter- weight balancing system should be provided in the PRD to maintain positive pressure inside the operation room.
	Air pressure stabilizers should have unique capability of controlling differential pressure to close tolerance. The PRD should remain closed at pressure below the set pressure and should open fully at a pressure only fractionally above the threshold pressure.
	The body should be epoxy powder coated as per standard BS colors. High grade electrolyzed steel plate should be used for body and high grade 316 SS steel for blades
9	HATCH BOX
	A Hatch should be provided in each operation theater to remove waste materials from the theater to dirty linen area/corridor just adjacent to Operation Theater.
	Each Hatch box should be equipped with two doors and the door should be operated electronically.
	The Hatch should be designed in such a way that only one door should be opened at one time.
	The UV light inside the hatch box should be so installed that it is kept on while both the doors are closed. This UV light has to be automatically turned off in case of opening of either of the doors
	Indicators should be provided on both sides of the OT so that door open / close status can be monitored from both sides.
10	DISTRIBUTION BOARD
	All high voltage equipment cables should be installed in a separate enclosure/cabinet.
	The reOTe cabinet should house the operating light transformers, mains failure relays, UPS, electrical distribution equipment & circuit protection equipment for all circuits within the operating theatre.
	All internal wiring should terminate in connectors with screw & clamp spring
	Connections should be clip-on type mounted on a CE approved rail & labeled with indelible proprietary labels.
	Individual fuses or miniature circuit breakers should protect all internal circuits.
	Complete schematic drawing with description should be enclosed with the equipment.
11	OPERATING LIST BOARD
	One operating list board should be provided in each operating theater.
	It should be made of ceramic having Magnetic properties and should be flushed to the wall of the operating room

12	X -RAY FILM VIEWER
	LED type flat panel X-ray viewing panel should be supplied.
	This should comply with relevant electrical safety codes.
	This should be a 3 panel-viewing screen.
	Mounting should be flush with the wall to avoid dust accumulation and growth of organisms between wall and panel.
	Body should be of extruded aluminum powder coated black with bacteria and disinfectant resistant finish.
	The diffuser on the front panel should be a uniformly lit screen.
	Electronic control for dimming should be enclosed at the bottom of the cabinet.
	Proper spring loaded film clip with rollers should be provided to hold the films firmly and to remove the film without scratches.
	Each panel should be able to illuminate three films 14" x 17" size.
13	SCRUB STATION – One in trauma OT complex and one in Ayush OT
	Compact surgical scrub sink should be designed optimally for use in OT complex providing for pre-OT scrub up. (Double sink combination)
	Each fixture should be fabricated from heavy-gauge 316 stainless steel and should be seamlessly welded construction polished to a satin finish.
	The scrub sink should be provided with a front access panel, which should be easily removable for access to the water controlling valve, waste connections, stoppers and strainers.
	Hands free operation should include infrared sensors with built-in range of adjustment.
	Thermostatic mixing valve control should be located behind the access panel and maintain constant water temperature. Adjustable water temperature setting should be provided
	The scrub station should be provided with infrared sensors, thermostatic control-taps with fail-safe temperature controls.
	All units should have reduced anti-splash fronts.
	Knee operated switch should be provided.
14	STORAGE UNIT
	The storage unit should be made with 1.50 mm thick stainless steel panels.
	It should be continuously ventilated by positive air in the room through holes provided at the bottom and top of opposite sides.

	The shelves should be of welded SS mesh of 3 mm and grid size 30 mm X 30 mm removable for cleaning.
	The storage unit should be divided in 2 or more parts and each part should have individual glass doors with high quality locking system
	The overall size should be approximately 180 cms X 60 cm X 45 cm
15	PENDANT FOR ANESTHETIST
	Should be Double Arm Pendant
	One swivel arm of 800 mm and another of 600 mm.
	The arms should have electromagnetic/pneumatic brake.
	Swiveling angle should be 330 ⁰
	The swivel arms should move only horizontally and the length in fully stretched position should be more than 1300mm
	Anesthesia pendant should have oxygen outlets X 2, Air (4 bar and 7/11 bar) X 1 each, Nitrous oxide X 1 and Vacuum outlet X 2, AGSS outlet x 1, Carbon-dioxide outlet X 1
	Pendant should have twelve 5A/15A combined electrical socket. Electrical socket should be of reputed make. One electrical socket should be connected with central UPS and should be of different color for easy identification. To be fed from suitable UPS. It should be according to international standards
	Anesthesia pendant should have provision for infusion management
	The pendant should have two open shelves to keep Monitors etc.
	Should have provision of RJ 45 /cat 5 for telephone communication.
	Should have provision of RJ 45 /cat 6 for data communication.
	The manufacturer should have valid quality management certification (DIN EN ISO 9001:2000, guideline 93/42/EWG of Medical Products or equivalent

16	SPECIFICATION FOR SURGICAL CEILING SUSPENDED PENDANT SYSTEM
	<p>The same should be placed at the foot end of the OT Table.</p> <ol style="list-style-type: none"> 1. Load capacity should be 380 Kg. 2. Should be Dual Arm of 800 mm / 800 mm 3. Range of movability should be <ol style="list-style-type: none"> a. For extension arm: > 320 Deg. b. For service head: 320 Deg. 4. Should have > 2 platforms of atleast 75cms x 50cms x 40cms 5. Should have one Drawer for placing Accessories 6. Each platform should have a weight bearing capacity of > 50 Kg 7. Should have IV rod stand with a capacity of 30 Kg 8. The following medical gas outlets should be provided on the back of the service <ol style="list-style-type: none"> (i) CO2 – 2 No (ii) Vacuum – 2 No (iii) Compressed air supply – 1 No 9. 12 Electrical sockets should be provided on the service head (6 on each side) 10. Should have <ol style="list-style-type: none"> (iv) Data Port – 2 No's (v) All interfaces for integration 11. The length of the drop tube from the extension arm should be suitable to the OT height. 12. The pendant should have braking system, which should be wearing free. 13. The pendant should have a small spring arm on the side to support an additional monitor <p>The system should confirm to International standards like VDE, UL, CE and should be in accordance with DIN EN 60601</p>
17	PERIPHERAL LIGHTING AND IMPORTED CLEAN ROOM LUMINARIES
	Should provide peripheral light intensity min 500 Lux; the clean room luminaries should be fitted in the CG frame and should be 8 in numbers in each OR
	Luminaries cover should be made of highly resistant, disinfectant proof laminated safety glass with stylish fine-grained surface, glass pane with white coated steel frame.
	The reflectors should be high quality, cleanable and non-deteriorating.
	The white luminaries body should be made of sheet steel / perfectly powder coated, and supplied ready for connection for individual or series circuit with digital electronic control gear in multilamp technology.

	Recess frames should be gas tight. The fitting should be flush with the ceiling and should be removable from top or bottom. The light fitting should be uniformly and aesthetically distributed on the ceiling to provide uniform illumination in the OR. Light should not interfere when green mode endoscopy is performed
	Peripheral lighting should be done according to IP65 (international protection rating 65)
	Control equipment for the general lighting and the light dimming should be provided in the theatre control panel
18	ELECTRICAL INSTALLATIONS
	Power distribution within the operation theatre should be provided from distribution boards located local to each theatre. From these panels all distribution services should be run. Sub mains power to these panels should be done by the general electrical contractor. Complete schematics should be supplied along with the offer.
	Earthed equipotent bonding of all exposed metalwork should be provided.
	Power sockets within the Operating Theatres ancillary areas should be matched to the rest of the hospital.
	Light fittings within the clinical areas should be recessed LED type with control gear
	Fittings should be sealed In accordance with the standard IP54.
	All equipment should be fully and permanently labeled to identify and describe the function, operation and voltage of the apparatus concerned and upon completion of the electrical installation, tests in accordance with relevant sections of the local wiring regulations should be carried out and the results recorded.
19	MEDICAL GAS LINE INSTALLATION
	The bidder should ensure that all works carried out are to the recommendation made in the Department of Health and Social Security's Health Technical Memorandum number (HTM 02-01) & C11 and/or any other appropriate British Standards
	Bidder should provide Oxygen, Nitrous Oxide, Carbon-dioxide, Air, and Vacuum supply to Operation Theatres from the to be installed Area Valve Service Unit
	Bidder shall be responsible for installation and commissioning of Area Zone Service Unit, Warning and Alarm Unit and Terminal Unit, etc. in OT area
	The line valve should be brass 25 mm ball valve with PTFE seal/thes/seats operated by a quarter-turn handle with a pin to prevent over travel in both directions. The ball valve shall be connected by HTM 02-01 / C11 stub pipes to the distribution system by either top, bottom, side or rear entry pipes

	The assembly should be housed in a valve box, which shall be capable of surface or concealed mounting and should incorporate a hinged lid, which opens through 180 degree, to provide maximum access. The hinged door shall be fitted with a glass panel to enable a visual check on the line valve selected position and for access in an emergency
	The hinged door should normally be locked and closed and area zone valves installed adjacent to each other and shall be operated by different key lock combinations.
	Terminal units should be color-coded, gas specific, and only accept the correct specific Medical gas probe. Gas specific components shall be pin indexed to ensure that a correct gas specific assembly is accepted
	Terminal units should be designed to allow easy, accurate and low cost installation, providing a variable angle for pipeline inlet and to accommodate variable plaster depth
	Terminal units should incorporate a replaceable capsule assembly, enabling all working parts subject to wear through usage to be replaced as a factory assembled unit thereby reducing maintenance time.
	Each terminal unit should be identified by the appropriate recognized name or symbol, color, coding and shape as detailed in HTM 02-01 / C11. These markings shall be permanent and be an integral part of the terminal unit.
	The medical gas alarm system shall be an advanced / multiplexing data transmission system which fully satisfies the principles of HTM 02-01 and/or conforms in all respects to the National Health Service Model Engineering Specification C11
	Pipe work materials shall be manufactured by a licensee of the BS 5750 quality assurance certification scheme and all pipes should be Lloyd certified
	Pipes should be phosphorous de-oxidized non-arsenical copper of BS 6017 grade C106. Pipe sizes and manufacture should be according half hard to BS 2671 part 1 Table x. In addition to the marking requirements of BS 2871 pipes should be marked DEG to represent compliance with Medical degreasing specification.
	Fittings should be phosphorous de-oxidized non-arsenical copper to BS 6017 grade C 106, of sizes and manufacture to BS 864 part 2 or equivalent
	Copper to copper joints should be made on-site, utilize a copper phosphorous brazing alloy type CP1 or CP4 to BS 1845 and an inert gas shield and no flux.
	Copper to brass or gunmetal joints should be made off site and shall utilize a silver brazing material type AG18 to BS 1845; with a flux the joint should be subsequently cleared and degreased for oxygen services
	Bidder should mention price for Medical Gasline installations separately with detailed BOQ.

20	DEMOLISHING, RECONSTRUCTING, WATER PROOFING, PLUMBING, REPAINTING AND REPLACEMENT
	Any demolition, reconstruction, water proofing, necessary plumbing, repainting, replacement of any door or windows to provide structured design for modular OT should be carried out by the bidder.
21	FIRE EXTINGUISHERS
	Bidder should provide suitable fire-fighting extinguishers; its mechanism should be as per international standards

BOQ (BILL OF QUANTITY) FOR LOW END MODULAR OT- 4 NUMBER

1	Prefabricated EGP steel Room Walls	As per layout
2	Filling of All Joints and Cavity as per Specs	4 OTs
3	PVC Flooring for Modular OT	As per layout
4	False Ceiling as per tender Specification	As per layout
5	Laminar Flow Air System and Exhaust cabinets as per tender Specification	4 Nos.
6	Peripheral Lighting and Imported Clean Room Luminaries as per tender Specification	32 Nos.
7	Control Panel as per tender Specification	4 Nos.
8	LED X ray Viewing Screen as per tender Specification	4 Nos.
9	Storage Shelves as per tender Specification	4 Nos.
10	Hatch Boxes as per tender Specification	4 Nos.
11	Pressure Relief Dampers	4 OTs
12	Hermetically sealed automated door as per tender Specification	4 Nos.
13	Writing Board as per tender Specification	4 Nos.
14	Air Conditioning duct only with in the OT complex Area	4 OTs
15	2 Bay Scrub Sink made of 316 grade stainless steel as per Tender specification	4 Nos.
16	Distribution Box and Internal wiring inside the OT and Provision for connecting to pendants	4 OTs
17	Medical Gas Pipelines System from Area Zone Service units to inside the OT and up to the provision to connect to Pendant Systems	4 OTs
18	Cable Trays for Electrical and Video	4 OTs
19	Anesthesia Pendant as per tender Specification	4 Nos.
20	OT Light LED as per tender specification	4 Nos.

1	Technical specifications for OR lights: three (4) number
	<ol style="list-style-type: none"> 1. The light shall adopt latest LED technology to create a homogenous light patch without emitting any infra rays. 2. Should have option of electromagnetic brakes to maintain the light in a steady position 3. The light cables should pass through the central pillar of light. 4. It should have LFL lens combination and have the primary optics, which guides the light in a coherent light path. The light should be shadow free and the thickness of the light head shall be no more than 50 mm. 5. It should be a cool light and should not interfere with the laminar air-flow system. 6. The light should have variable colour temperatures of 3800K and 5000K (changeable during the surgery depending on the surgeon's choice). The optimum colour temperature of the light should be between 3800 - 4700K 7. The light system shall have 2 light heads 8. Diameter of main light head 60 - 90 cm (main dome) 9. Diameter of satellite light head 60-90 cm (satellite dome) 10. The light intensity shall be adjustable at least between 25% - 100% and at > 10 different levels. 11. The light shall be with three lighting modes for different surgery requirements, including general lighting mode, full lighting mode and ambient lighting mode for minimally invasive surgery / endoscopy. 12. The light shall be mountable to ceiling from a single center. Light head bearing the arms shall be rotatable 360 degrees around its own axis and mounting point. Each Light head shall be rotatable at least 300-360 degrees around its own axis. 13. It should have facility to replace each LED individually instead of replacing the module with several LEDs. 14. It should have flow optimized light head and light head surface temperature of dome to minimize turbulences in laminar air flow 15. It should have the temperature increase on surgeon head less than 1 degree C and temperature of light head surface of < 27.5 degree C

	<p>16. Light should automatically switch on in case of resumption of electricity after power failure.</p> <p>17. It should be supplied with two autoclavable & detachable suspension handle. The light should have unbreakable head Glass.</p> <p>18. It should be supplied with reOTe control panel.</p> <p>19. It should have provision for a HD camera system on a separate swivel arm with a capability to move 360 degree along its axis</p> <p>20. It should also have two swivel arms for slave monitors where the camera output and slave monitoring should be provided.</p> <p>21. Two medical grade monitors for slave monitoring and camera output should be fitted on swivel arms with light.</p> <p>22. Wireless reOTe dome control</p> <p>23. Separate wall control system to adjust the intensity of light and zooming of camera</p> <p>24. Intensity Range (Lux) 150-160K (Each dome)</p> <p>25. Life time of light source > 40,000 hours</p> <p>26. Light Field Diameter 190-300 mm</p> <p>27. Operating storage humidity 10-90%</p> <p>28. Depth of illumination L1+ L2 800 mm or more</p> <p>29. CRI (Color rendering index; Red) 95 or more</p> <p>30. General Color rendering index Ra 96</p> <p>31. Light Sources LED (no) > 90</p> <p>32. Light Head Power Consumption Not more than 200 w at 24 VDC</p> <p>33. Total irradiance at 100K Lx 325W/m2</p> <p>34. The light should be easily maneuverable and should have a swivel</p> <p>35. The light dome should allow height adjustment of at least 100 cms</p> <p>36. Each unit should provide a pre-focused beam of light with at least 50 cms depth of field.</p>
2	System Configuration Accessories, spares and consumables
2.1	<p>i. Two medical grade slave monitors</p> <p>ii. Spare 10 no of LED bulbs</p> <p>iii. 1 wall panel</p> <p>iv. 1 wireless reOTe control</p> <p>v. 1 voltage stabilizer unit</p>

Specifications for Flat Panel Monitor

Should be 23" High Definition Progressive Scan Flat-panel Monitors with ceiling mounted spring arm suspension to support high-definition/HDTV progressive Scan images and should be able to support and display DVI/HDTV, RGBHV, S-Video, Composite video signals.

The flat Panel suspension should be ready with the cables for integration of High Definition Digital (DVI/HDTV), RGBHV (High Resolution), SVHS (S-Video), Composite video signals to travel from the various sources of video like endoscopic camera, room camera, in light camera, high definition flat panel monitors, while assuring native resolution / signal.

Such Monitor should at least meet the following technical criteria:

Resolution:	1600 dots x 1200 dots, Progressive Scan
Display Colors:	16 Million Colors
Inputs:	DVI, RGBHV, S-Video, Composite Video
Synchronization:	2.5 – 5.0 Vpp separated sync
Response time:	< 25ms
Travel:	330° - 340°
Forward Tilt:	30° - 40°
Backward Tilt:	45° - 50°
Cable Kit for Integration:	DVI, Fiber-Optic, RGBHV, S-Video, Composite

OPERATING ROOM SURGICAL OPERATION TABLE

Table should be ISO certified and should be imported.

General Description

1. Table should be floor mounted and fully washable
2. It should have lockable mobile table rates
3. The tabletop should be made of 100% radiolucent material and should provide X-Ray access.
4. The table should have 5 sections; 4 table plate and 1 Kidney Bridge
5. Mattress should be decompression mattress

6. The table pad should be double layered and firm, it should be moldable by the weight of the patient to deliver even counterforce and reduce the possibility of ulcer. It should be waterproof, washable by water and made of anti-static material and each joint should be glue sealed and not to be sealed by sewing.
7. The thickness of the mattress should be more than 75 mm
8. It should have 3 control models including reOTe panel, backup panel and foot switch
9. It should have a battery inside the table, which can work 50-80 operations for atleast two weeks and the battery should be of standard configuration.
10. It should be capable to provide 100% Kidney Bridge position by reOTe control by using extension/break function without moving the patient.
11. It should have electric longitudinal shift function not less than 200 mm towards head side.
12. It should have electric longitudinal shift function not less than 100 mm towards foot side.
13. It should have a build-in elevator.
14. The rails & column of the table should be made of high quality aluminum alloy.
15. Dimensions of the table
 - i. Length of the table ≥ 2050 mm
 - ii. Width of the table with rails ≥ 500 mm
 - iii. The thickness of mattress ≥ 75 mm

Electric Function

1. The lowest position ≤ 700 mm
2. The highest position ≥ 1070 mm
3. longitudinal shift to head ≥ 200 mm
4. longitudinal shift to foot ≥ 200 mm
5. Turn right $\geq 25^\circ$, Turn left $\geq 25^\circ$
6. Trendelenburg position $\geq 30^\circ$
7. Reverse Trendelenburg position $\geq 30^\circ$
8. Back plate up position $\geq 80^\circ$
9. Back plate down position $\geq 40^\circ$
10. Flex position $\geq 220^\circ$ 1400
11. Re-flex position $\geq 110^\circ$ 1000

12. "0"position by one electric button

Mechanical Function

1. Head plate up $\geq 45^\circ$
2. Head plate down $\geq 90^\circ$
3. Build-in elevator ≥ 120 mm 100mm
4. Leg plate up $\geq 20^\circ$
5. Leg plate down $\geq 90^\circ$
6. Leg plates spread $\geq 180^\circ$ 1000

Following accessories should be supplied with the Table

Orthopedics

1. Orthopedic radiolucent extension Trolley for the whole accessories
2. Three piece of pelvis plate (assorted sizes) with radiolucent material
3. Adaptor for connecting the pelvis plate with the operating table
4. Two counter traction post
5. Two (2)-leg support preferably at floor level
6. Two (2)-traction screw device with support bar
7. Two (2)-traction boot
8. A pair of elongation bar with articulation combined the long side with short side.

Other accessories for prone position

1. Gel material intervertebral disc operation pad for column operation
2. A pair of gel material heel pads
3. One piece of gel material face support

Gynecology & Urology

1. A pair of arm boards with 2 clamps & 4 bands, and it has the universal coupling for up & down & rotary function
2. Anesthesia frame with 2 tubes & 1 clamp
3. A pair of leg supports with 2 clamps, pads & bands, and it has the universal coupling for up & down & rotary function
4. Disposal basin for waste
5. 1 Body strap with Velcro
6. A pair of shoulder support with 2 clamps

7. Pubic support with pad & clamp
8. Sacrum support with pad & clamp
9. One piece of gel material pad for arm in lateral position
10. One piece of gel material horse shoe pillow

ENT & Neurosurgery

1. A pair of arm boards with 2 clamps & 4 bands, and it has the universal coupling for up & down & rotary function
2. Anesthesia frame with 2 tubes & 1 clamp
3. Head support with divided version pad & adaptor connecting with the table

Other accessories

Operating table top for Babies and Infants to be fixed on the main Table	1 (only for one operation theatre)
Lithotomy leg holders "Geopel type" (adult and paediatric)	2 set each
Back support	1 pair
Disposable basins for waste	2
Gel material horse shoe pillow	1
Gel material pad for arm in lateral position	1
Body strap with Velcro	3
Anaesthesia screen	2
Clamp, rotary	4 pc
Clamp, circular	4pc
Accessories stand, mobile on castors	1pc
Arm support, perplex	2pc
X-Ray cassette tray	1pc
Accessories for Beach chair position with shoulder module for shoulder surgery	1pc (in one set)
Attachments for all neurosurgical procedures including spinal frame	1 pc (in 2 sets)

Arrangement for genu-cubital position	1 pc (in one set)
Carbon fibre ortho attachments for interlocking nailing etc. attachments/ table top	1 pc
Carbon-fiber module for orbital (360°) C-arm Access	1 pc
Orthopaedic extension device for trauma surgery.	1pc (in one set)

Note 1: Tenderer's attention is drawn to GIT clause 18 and GIT sub-clause 11.1 (c). The tenderer is to provide the required details, information, confirmations, etc. accordingly failing which its tender is liable to be ignored.

Note 2: Tenderer shall quote the latest model technology equipment matching with the detailed technical specification. Tenderer should complete the detailed technical specification bringing out the special features. Only original technical data sheet and catalogue shall be submitted. Computer generated catalogue will not be accepted. List of accessories and optional items are to be quoted separately.

Note 3: The firm should give an undertaking that they have necessary infrastructure for the maintenance of equipment for next ten years and will be providing the accessories and spares as and when indenter feel necessity thereof. The foreign principal should confirm that in case of change of Indian Agent they would take care of the guarantee maintenance of the equipment. The facilities created by them for rendering effective after sales maintenance service should be elaborated.

Note 4: The vendor shall have to coordinate and enter into an agreement in the form of MOU with the other approved vendor at the institute who would be simultaneously installing equipments, medical gas pipeline and communication /video – conferencing system etc. so as to complete the entire job in a time bound manner.

Note 5: General: Bidders are requested to ensure that they attach the list of equipments for carrying out routine and preventive maintenance wherever asked for, and should ensure that Electrical Safety Analyzer/Tester for Medical equipments needed to periodically check the electrical safety aspects as per BIS Safety-Standards IS-13540 or IEC electrical safety-standard IEC-60601 is a part of the equipments. If the Electrical Safety Analyzer/Tester is not available they should provide a commitment to get the equipments checked for

electrical safety compliance with Electronic Regional Test Labs/Electronics Test and Development Centers across the country on every preventive maintenance call.

Note 6: The vendor should provide:

- Earthing and bonding,
- Intercom facilities between various services facilities on the OT Floor
- Telecommunications etc
- Wire ways and outlet plates for telephones
- Wire ways and outlets plates for data
- Security: Intruder alarm, main door entry system, Door Monitoring, Door interlocks
- New fully addressable fire alarm to existing hospital specification to new local fire sub panel, key operated isolation switch for smoke detection with visual indication, liaison with Hospital fire Alarm specialist Contractor

Note 7: OPTIONAL ITEMS: Bidders are requested to quote for all the available options as asked in the bidding document with reasonable pricing. However, the pricing for optional items will not be considered for price comparison for ranking purpose. If the firm has not quoted for any optional item (except the items of turnkey) their offer will be treated as TECHNICALLY RESPONSIVE if otherwise meeting the specification.

Note 8: Approval clearance from certificates from competent authorities like Atomic Energy Regulatory Board (AERB) for all types of radiation equipments, Central pollution control board (CPCB) approval for polluting units etc. if applicable for the offered equipments must be attached.

Note 9: Provision for working drawing, Physical co-ordination of composite services drawing and site installations. The contractor should maintain the services at its own cost for atleast 60 months from the date of completion and acceptance of the same by the institute.

Any civil mechanical or electrical work required if any will be the sole responsibility of the vendor doing modular part; the institute will only be providing connection at one specific location.

Note 10: The design and installation of building works and installation of building work and installation service shall comply with all statutory regulations of PWD. The design and installation shall comply with the requirements and design control authorities like:

- Electrical supply
- Water Supply
- Environmental Health Building Control Planning

- Fire
- Gas Supply

The contractor shall issue relevant drawing and specification document to superintendent engineer of PWD for his comments and approval before commencing work at site.

Note 11: Material and workmanship: all materials and components shall be approved by the user or his authorized representative.

Note 12: Design Criteria and requirements:

The design and installation shall comply with the following:

- i. Hospital Building Notes
- ii. Hospital Design Notes
- iii. HSE Guidance Notes
- iv. Electrical services supply and distribution
- v. Emergency Electrical Services
- vi. Abatement of Electrical interface
- vii. Health building engineering installations
- viii. Commissioning and associated activities
- ix. Electrical safety code for low voltage system
- x. Access and accommodation for engineering services
- xi. Ventilation in healthcare premise
- xii. Hot and cold water supply, storages and mains services
- xiii. Control of Legionella in healthcare premises
- xiv. Applicable standards- CEN, EN-685, DIN 423/DIN-51958, NFPA-99, 93/87/EC, 73/23/EEC, 93/68/EEC, 89/336/EEC, 92/31/EEC, 93/97/EEC, DIN-4799, BS 5135, IP 54, EN60601-1.

Note 13: The services shall be flexible and capable of future extension.

TECHNICAL SPECIFICATIONS Cont....

GENERAL POINTS:

1. Warranty:

- a) Five years Comprehensive Warranty as per Conditions of Contract of the TE document for complete equipment and Turnkey Work from the date of satisfactory installation, commissioning, trial run & handing over of equipment to Hospital/Institution/Medical College.
- b) 98% 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. Aftersales Service:

After sales service center should be available at the city of Institution on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended properly, maximum within 8 hrs. The service should be provided directly by Tenderer/Indian Agent.

Undertaking shall be provided 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 should be provided by Principal/ Indian Agents (if they have the requisite knowhow) for operation and maintenance of the equipment to the satisfaction of the consignee.

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, labor and spares, after satisfactory completion of Warranty period should be quoted for next 5 years on yearly basis for complete equipment and Turnkey (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 should be quoted along with taxes applicable on the date of Tender Opening. If the taxes are to be paid extra, it should 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.

- d) The payment of CMC will be made six monthly after satisfactory completion of said period duly certified by end user and on receipt of bank guarantee for 2.5% of the cost of the equipment as per Section XV valid until 2 months after expiry of entire CMC period.
- e) There will be 98% 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) **Downtime penalty Clause:** During the Guarantee / Warranty period, desired uptime of 98% of 365 days (24 hours), if downtime exceeds 2% in a year, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. If accessories /other attachment of the system are procured from the third party, then the vendor must produce cost of accessory/other attachment and the AMC / CMC from the third party separately along with the main offer and the third party will have to sign the AMC / CMC with the Purchaser if required. In no case instrument should remain in non – working condition for more than **3 consecutive days**, beyond which a penalty of 1% of machine cost will be charged per day. The Principals or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.
- g) During CMC period, the supplier is required to visit at consignee's site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.
- h) All software updates should be provided free of cost during CMC.
- i) Failure of the above [4. e) to 4. g)] by the supplier, may lead to the forfeiture of the Bank Guarantee for Annual CMC.
- j) The payment of CMC will be made as stipulated in GCC Clause 21.

Turnkey:

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 Head of the Institution. Turnkey details of the Institution are given at the end of Technical Specification. The Tenderer should quote prices indicating break-up of prices of the Machine and Turnkey Job of Institution. The Turnkey costs may be quoted in Indian Rupee and will be added for Ranking Purpose.

The taxes to be paid extra should 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 Turnkey Work should completely comply with AERB requirement, if any.

Section – VIII

Quality Control Requirements

(Proforma for equipment and quality control employed by the manufacturer(s))

Tender Reference No:

Date of opening:

Time:

Name and address of the Tenderer:

Note: All the following details shall relate to the manufacturer(s) for the goods quoted for.

- 01 Name of the manufacturer
 - a. full postal address:
 - b. full address of the premises:
 - c. telegraphic address:
 - d. telex number:
 - e. telephone number:
 - f. fax number:
- 02 Plant and machinery details
- 03 Manufacturing process details
- 04 Monthly (single shift) production capacity of goods quoted for
 - a. normal:
 - b. maximum:
- 05 Total annual turnover (value in Rupees)
- 06 Quality control arrangement details
 - a. for incoming materials and bought-out components
 - b. for process control
 - c. for final product evaluation
- 07 Test certificate held
 - a type test
 - b BIS/ISO certification C. any other
- 08 Details of staff
 - a. technical
 - b skilled
 - c unskilled

Signature and seal of the Tenderer

Section – IX

Qualification Criteria

01. The Tenderer must be a Manufacturer or its authorized Agent.
02. (a) The Manufacturer should have supplied and installed atleast 100% of the quoted quantity of the similar equipment meeting major specification parameters in last Five years from the date of Tender Opening, which is functioning satisfactorily (Similar equipment means Modular OT meeting our tender technical requirement and for integration it is integration of equipments in Modular OTs). The foreign Manufacturer satisfying the above criteria should also have supplied and installed at least 50% of quoted quantity of similar equipment in last Five years from the date of Tender Opening, which are functioning satisfactorily anywhere outside the country of manufacture. (Similar equipment means Modular OT meeting our tender technical requirement and integration means integration of equipments in Modular OTs)
02. (b) The Tenderers quoting as authorized representative of the manufacturer meeting the above criteria, 02 (a), should have supplied and installed atleast 50% of the quoted quantity of similar equipments anywhere in India of any manufacturer in last Five years from the date of Tender Opening, which is functioning satisfactorily (Similar equipment as explained above).

Note:

1. In support of 2 (a) & 2 (b), the Tenderer shall furnish Performance statement in the enclosed Proforma 'A'. The manufacturer as well as the Tenderer/ Indian Agent shall furnish Satisfactory Performance Certificate in respect of above, duly translated in English and duly notarized in the country of origin, along with the tender.
2. The Tenderer shall furnish a brief write-up, packed with adequate data explaining and establishing his available capacity/capability (both technical and financial) to perform the Contract (if awarded) within the stipulated time-period, after meeting all its current/present commitments. The Tenderer shall also furnish details of Equipment and Quality Control in the enclosed Section VIII.
3. Notwithstanding anything stated above, the Purchaser reserves the right to assess the Tenderer's capability and capacity to perform the contract satisfactorily before deciding on award of Contract, if circumstances warrant such assessment in the interest of the Purchaser.

4. The Purchaser reserves the right to ask for a free demonstration of the quoted equipment at a predetermined place acceptable to the purchaser for technical acceptability as per the tender specifications, before the opening of the Price Tender.

PROFORMA 'A'

PROFORMA FOR PERFORMANCE STATEMENT

(For the period of last five years)

Tender Reference No :

Date of opening :

Time :

Name and address of the Tenderer:

Name and address of the manufacturer:

Order placed by (full address of Purchaser / Consignee)	Order number and date	Description and quantity of ordered goods and services	Value of order (₹)	Date of completion of Contract		Remarks indicating reasons for delay if any	Have the goods been functioning Satisfactorily (attach documentary proof)**
				As per contract	Actual		
1	2	3	4	5	6	7	8

Signature and seal of the Tenderer

** The documentary proof will be a certificate from the consignee/end user with cross- reference of order no. and date in the certificate along with a notarized certification authenticating the correctness of the information furnished. If at any time, information furnished is proved false or incorrect, the earnest money furnished will be forfeited

Section – X

TENDER FORM

To

Deputy Director (Admin)

AIIMS Raipur, Tatibandh, Raipur (CG)

Ref Your TE document Nodated.....

We, the undersigned have examined the above-mentioned TE document, including amendment / corrigendum No..... dated..... (If any), the receipt of which is hereby confirmed. We now offer to supply and deliver (Description of goods and services) in conformity with your above referred document for the sum of (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender. If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements. We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 5, read with modification, if any, in Section - V – “Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance as required in the GIT clause 20, read with modification, if any in Section - III – “Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the afore-said period and this tender may be accepted any time before the expiry of the afore-said period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the afore-said period shall constitute a binding contract between us. We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry. We confirm that we do not stand deregistered/banned/blacklisted by any Govt. Authorities. We confirm that we fully agree to the terms and conditions specified in above mentioned TE document, including amendment/ corrigendum if any

(Signature with date)

(Name and designation)

Duly authorized to sign tender for and on behalf of

SECTION – XI
PRICE SCHEDULE

A) Price schedule for domestic goods or goods of foreign origin located within India

1	2	3	4	5							6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (₹ .)							Total Price (at Consignee Site) basis (₹ .) 4 x 5 (g)
				Ex - factory / Ex-warehouse / Ex-showroom / Off - the shelf (a)	Excise Duty (if any) [%age & value] (b)	Sales Tax / VAT (if any) [%age & value] (c)	Packing and Forwarding charges (d)	Inland Transportation, Insurance for a period including 3 months beyond date of delivery, loading / unloading and Incidental costs till consignee's site (e)	Incidental Services (including Installation & Commissioning, Supervision, Demonstration and Training) at the Consignee's site (f)	Unit Price (at Consignee Site) basis (g) = a + b + c + d + e + f	

Total Tender price in Rupees: _____

In words

Note: -

1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C

Name _____

Business Address.....

Place.....

Date.....

Signature and Seal of Tenderer

SECTION – XI
PRICE SCHEDULE

B) Price schedule for goods to be imported from abroad

1	2	3	4	5					6
Schedule	Brief Description of Goods	Country of Origin	Quantity (Nos.)	Price per unit (₹ .)					Total price on CIP Named Port of Destination + Insurance (local transportation and storage) 4 x 5 (g)
				FOB price at port/ airport of Lading (a)	Carriage & Insurance (port of loading to port of entry) and other Incidental costs**	Incidental services including installation & commissioning, supervision, Demonstration and Training) at the Consignee's site	Extended Insurance (local transportation and storage) from port of entry to the consignee site for a period including 3 months beyond date of delivery** (d)	Unit Price on CIP Named Port of Destination + Extended Insurance (local transportation and storage) (e)	

** To be paid in Indian Currency (₹)

Total Tender price in foreign currency: _____

In words: _____

- Note:** -1. If there is a discrepancy between the unit price and total price THE UNIT PRICE shall prevail.
 2. The charges for Annual CMC after warranty shall be quoted separately as per Section – XI – Price Schedule C
 3. The Tenderer will be fully responsible for the safe arrival of the goods at the named port of entry in good condition as per terms of CIP as per INCOTERMS, if applicable

Indian Agent:

Indian Agency Commission - ____% of FOB

Signature of Tenderer_____

Place: _____

Date: _____

Name_____

Business Address

Signature of Tenderer_____

Seal of the Tenderer_____

SECTION – XI

C) PRICE SCHEDULE FOR ANNUAL CMC AFTER WARRANTY PERIOD

1	2	3	4					5
Schedule No.	BRIEF DESCRIPTION OF GOODS	QUANTITY. (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Annual Comprehensive Maintenance Contract Cost for 5 Years [3 x (4a+4b+4c+4d+4e)]
			6 th	7 th	8 th	9 th	10 th	
			a	b	c	d	e	

* After completion of Warranty period

NOTE:-

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any).
3. 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.
4. Cost of CMC will be added for Ranking/ Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.

Name:.....

Place.....

Business address.....

Date.....

Signature of Tenderer.....

Seal of Tenderer.....

SECTION – XI PRICE SCHEDULE

D) PRICE SCHEDULE FOR TURNKEY

Schedule No.	BRIEF TURNKEY DESCRIPTION OF GOODS	CONSIGNEE CODE	Turnkey price

Note: -

1. The cost of Turnkey as per Technical Specification (Section VII) may be quoted on lump sum 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.
2. Cost of Turnkey will be added for Ranking/Evaluation purpose.
3. The payment of Turnkey will be made as per clause GCC clause 21.1 (c).
4. The stipulations in Technical Specification will supersede above provisions

Place: _____

Date: _____

Name_____

Name_____

Business Address

Signature of Tenderer_____

Seal of the Tenderer_____

Section XI

Comprehensive Financial Bid

S. No.	Item Description	Unit Price in INR		Custom duty in INR (if applicable)		Taxes (if applicable) VAT / Sales Tax/etc in INR		Service Tax (if applicable) in INR		Qty of units	Any Other Charges in INR if applicable (Specify)		Total in INR (Unit price x Quantity + Other Charges)	
		Figures	Words	Figures	Words	Figures	Words	Figures	Words		Figures	Words	Figures	Words
	Equipment supply, installation, commissioning & demonstration of performance including 5 year warranty.													
	Equipment													
	Accessories													
	Service / Turnkey													
	CMC (for 5 years)													
	Grand Total*													

The grand total * will be the deciding factor for L1 provided all the other conditions mentioned in the tender document (GCC, SCC and the technical conditions) are fulfilled.

DATE:

SIGNATURE

NAME

SEAL

SECTION – XII

QUESTIONNAIRE

Fill up the Section XX – Check List for Tenderers and enclose with the Tender

1. The tenderer should furnish specific answers to all the questions/issues mentioned in the Checklist. In case a question/issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.
2. Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.
3. In case a tenderer furnishes a wrong or evasive answer against any of the question/issues mentioned in the Checklist, its tender will be liable to be ignored.

SECTION – XIII

BANK GUARANTEE FORM FOR EMD

Whereas _____(hereinafter called the “Tenderer”) has submitted its quotation Dated.....for the supply of _____(hereinafter called the “tender”) against the purchaser’s tender enquiry No.....know all persons by these presents that we.....of(herein after called the “Bank”) having our registered office at _____are bound unto _____ (hereinafter called the “Purchaser) in the sum of _____ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this ____day of 20____ .

The conditions of this obligation are:

- (1) If the Tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the Tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) fails or refuses to furnish the performance security for the due performance of the contract. or
 - b) fails or refuses to accept/ execute the contract. or
 - c) if it comes to notice that the information/ documents furnished in its tender is incorrect, false, misleading or forged

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition(s). This guarantee will remain in force for a period of forty-five days after the period of tender

Validity and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorized officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

SECTION – XIV

MANUFACTURER’S AUTHORISATION FORM

To
AIIMS Raipur
Tatibandh, Raipur (CG)

Dear Sir rs,

Ref. Your TE document No _____, dated _____

We, _____

Who are proven and reputable manufacturers of _____ (name and description of the goods offered in the tender) having factories at _____, hereby authorize Messrs.’ _____ (name and address of the agent) to submit a tender, 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 further confirm that no supplier or firm or individual other than Messrs.

_____ (name and address of the above agent) is authorised to submit a tender, 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, CMC as applicable as per clause 15 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.

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.

SECTION – XV

Bank Guarantee Form for Performance Security / CMC Security

To
AIIMS Raipur
Tatibandh, Raipur (CG)

WHEREAS _____(Name and address of the supplier)
(Hereinafter called “the supplier”)has undertaken, in pursuance of contract no____
Datedto supply (description of goods and services) (hereinafter called
“the contract”).

AND WHEREAS it has been stipulated by you in the said contract that the supplier
shall furnish you with a bank guarantee by a scheduled commercial bank
recognized by you for the sum specified therein as security for compliance with its
obligations in accordance with the contract;

AND WHEREAS we have agreed to give the supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you,
on behalf of the supplier, up to a total of _____(Amount of the guarantee in words
and figures), and we undertake to pay you, upon your first written demand declaring the
supplier to be in default under the contract and without cavil or argument, any sum or
sums within the limits of (amount of guarantee) as aforesaid, without your needing to
prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier
before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the
contract to be performed there under or of any of the contract documents which may
be made between you and the supplier shall in any way release us from any liability
under this guarantee and we hereby waive notice of any such change, addition or
modification.

This guarantee shall be valid up to 30 (thirty) months from the date of Notification of
Award i.e. up to ----- (indicate date)

(Signature with date of the authorized officer of the Bank)

Name and designation of the officer

Seal, name & address of the Bank and address of the Branch

SECTION – XVI

CONTRACT FORM - A

Contract form for Supply, Installation, Commissioning, Handing over, Trial run, Training of operations & Warranty of goods

Deputy Director (Admin)
AIIMS Raipur,
Tatibandh, Raipur (CG)

Contract No_____dated_____

This is in continuation to this office's Notification of Award No_____dated _____

1. Name & address of the Supplier: _____

2. Purchaser's TE document No_____dated_____and subsequent Amendment No_____, dated____(if any), issued by the purchaser

3. Supplier's Tender No_____dated_____and subsequent communication(s) No_____dated _____ (if any), exchanged between the supplier and the purchaser in connection with this tender.

4. In addition to this Contract Form, the following documents etc., which are included in the documents mentioned under paragraphs 2 and 3 above shall also be deemed to form and be read and construed as integral part of this contract:

- (i) General Conditions of Contract;
- (ii) Special Conditions of Contract;
- (iii) List of Requirements;
- (iv) Technical Specifications;
- (v) Quality Control Requirements;
- (vi) Tender Form furnished by the supplier;
- (vii) Price Schedule(s) furnished by the supplier in its tender;
- (viii) Manufacturers' Authorization Form (if applicable for this tender);
- (ix) Purchaser's Notification of Award

Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under clause 1 of

Section II – ‘General Instructions to Tenderers’ of the Purchaser’s TE document shall also apply to this contract.

Schedule No.	Brief description of goods/services	Accounting unit	Quantity to be supplied	Unit Price	Total price	Terms of delivery

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

(i) Brief particulars of the goods and services, which shall be supplied / provided by the supplier, are as under:

Any other additional services (if applicable) and cost thereof: _____

Total value (in figure) _____ (In words) _____

6. Delivery schedule
7. Details of Performance Security
8. Quality Control
 - (a) Mode(s), stage(s) and place(s) of conducting inspections and tests
 - (b) Designation and address of purchaser’s inspecting officer
9. Destination and dispatch instructions
10. Consignee, including port consignee, if any
11. Warranty clause
12. Payment terms
13. Paying authority

Received and accepted this contract

(Signature, name and address of the Purchaser /Consignees’ authorized official) For and on behalf of_____

(Signature, name and address of the supplier’s executive duly authorized to sign on behalf of the supplier)

For and on behalf of _____
(Name and address of the supplier) (Seal of the supplier)

Date: _____

Place: _____

SECTION – XVI

CONTRACT FORM – B**Contract form for Annual Comprehensive Maintenance (AMC) Contract**

Annual CMC No. _____ Dated _____

Between

Deputy Director
AIIMS Raipur
Tatibandh, Raipur (CG)

(Name & Address of the Supplier)

Ref: Contract No. _____ dated _____ (Contract No. & date of Contract for supply, installation, commissioning, handing over, Trial run, Training of operators & warranty of goods)

In continuation to the above-referred contract, The Contract of Annual CMC is hereby concluded as under: -

1	2	3	4					5
Schedule No.	Brief Description of goods	Quantity (Nos.)	Annual CMC Cost for Each Unit year wise*					Total AMC Cost for 5 Years
								[3x (4a+4b+4c+4d+4e)]

k) Total value (in figure) _____ (In words) _____

b) The CMC commence from the date of expiry of all obligations under Warranty i.e. from _____ (date of expiry of Warranty) and will expire on _____ (Date of expiry of CMC)

c) The cost of Annual Comprehensive Maintenance Contract (CMC), which includes preventive maintenance, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years as contained in the above referred contract on yearly basis for complete equipment (including X ray tubes, Helium for MRI, Batteries for UPS, other vacuumatic parts, _____ & _____) and Turnkey (if any).

d) There will be 98% 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.

e) During CMC period, the supplier shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The supplier shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.

f) All software updates should be provided free of cost during CMC.

g) The bank guarantee valid till _____[(fill the date) 2 months after expiry of entire CMC period] for an amount of ₹ _____[(fill amount) equivalent to 2.5 % of the cost of the equipment as per contract] shall be furnished in the prescribed format given in Section XV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the Purchaser/Consignee.

h) If there is any lapse in the performance of the CMC as per contract, the proceeds Annual CMC bank guarantee for an amount of ₹ _____(equivalent to 2.5 % of the cost of the equipment as per contract) shall be payable to the Consignee.

i) **Payment terms:** The payment of Annual CMC will be made against the bills raised to the consignee by the supplier on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned. The payment will be made in Indian Rupees.

j) **Paying authority:** _____

(Deputy Director (Admin)
AIIMS Raipur,
Tatibandh, Raipur, (CG)
(Authorized official)

Received and accepted this contract

For and on behalf of_____

(Signature, name and address of the supplier's executive duly authorized
to sign on behalf of the supplier)

For and on behalf of _____

(Name and address of the supplier)

(Seal of the supplier)

Date: _____ Place: _____

SECTION – XVII

Consignee Receipt Certificate (To be given by consignee's authorized representative)

The following store(s) has/have been received in good condition:

- 1) Contract No. & date : _____
- 2) Supplier's Name : _____
- 3) Consignee's Name & Address with
telephone No. & Fax No. : _____
- 4) Name of the item supplied : _____
- 5) Quantity Supplied : _____
- 6) Date of Receipt by the Consignee : _____
- 7) Name and designation of
Authorized Representative of
Consignee : _____
- 8) Signature of Authorized
Representative of Consignee with
date : _____
- 9) Seal of the Consignee : _____

SECTION - XVIII

Proforma of Final Acceptance Certificate by the Consignee

No _____ Date

To

M/s _____

Subject: Certificate of commissioning of equipment/plant

This is to certify that the equipment(s)/plant(s) as detailed below has/have been received in good conditions along with all the standard and special accessories and a set of spares (subject to remarks in Para no.02) in accordance with the contract/technical specifications. The same has been installed and commissioned.

(a) Contract No____dated_____

(b) Description of the equipment(s)/plants: _____

(c) Equipment(s)/ plant(s) nos.: _____

(d) Quantity: _____

(e) Bill of Loading/ Air Way Bill/Railway Receipt/ Goods

Consignment Note no _____dated _____

(f) Name of the vessel/ Transporters:

(g) Name of the Consignee:

(h) Date of commissioning and proving test:

Details of accessories/spares not yet supplied and recoveries to be made on that account.

Sl.No

Description of Item

Quantity

No.

Amount to be recovered

No.

The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).

The supplier has fulfilled its contractual obligations satisfactorily

or The supplier has failed to fulfil its contractual obligations with regard to the following:

He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specifications'.

He has not supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the period specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).

The supplier as specified in the contract has not done training of personnel.

The extent of delay for each of the activities to be performed by the supplier in terms of the contract is

The amount of recovery on account of non-supply of accessories and spares is given under Para no.02.

The amount of recovery on account of failure of the supplier to meet his contractual obligations is _____(here indicate the amount).

Signature

Name

Designation with stamp

Explanatory notes for filling up the certificate:

He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.

He has supervised the commissioning of the equipment(s)/plant(s) in time, i.e. within the time specified in the contract from date of intimation by the Purchaser/Consignee in respect of the installation of the equipment(s)/plant(s).

Training of personnel has been done by the supplier as specified in the contract

In the event of documents/drawings having not been supplied or installation and commissioning of the equipment(s)/plant(s) having been delayed on account of the supplier, the extent of delay should always be mentioned in clear terms

SECTION – XIX

ANNEXURES

Annexure 1

DETAILS OF SHIPPING ARRANGEMENT FOR LINER CARGOES IN RESPECT OF C & F/CIF/TURNKEY/F.O.R CONTRACTS FOR IMPORTS

1. (a) SHIPMENT FROM PORTS OF U.K INCLUDING NORTHERN IRELAND (ALSO EIRE), FROM THE NORTH CONTINENT OF EUROPE (GERMANY, HOLLAND, BELGIUM, FRANCE, NORWAY, SWEDEN, DENMARK, FINLAND AND PORTS ON THE CONTINENTAL SEABOARD OF MEDITERRANIAN (I.E. FRENCH WESTERN ITALIAN PORTS), TO PORTS IN INDIA.

The Seller should arrange shipment of the goods by vessels belonging to the member lines of the India-Pakistan-Bangladesh Conference. If the Seller finds that the space on the 'Conference Lines' vessels is not available for any specific shipment, he should take up with India-Pakistan-Bangladesh Conference. Conferity House, East Grinstead, Sussex (UK), for providing shipping space and also inform the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

The Seller should arrange shipment through the Government of India's Forwarding Agents, M/s Schenker & Co., 2000-Hamburg (Cable: SCHENKER CO., HAMBURG) OR obtain a certificate from them to the effect that shipment has been arranged in accordance with instructions of the Ministry of Surface Transport, (TRANSCHART), New Delhi.

(b) SHIPMENT FORM PORTS OF U.K. INCLUDING NORTHERN

Goods under this contract would be shipped by the national shipping companies of the Contracting Parties operating bilateral shipping service and vessels under the flag of third countries in accordance with the Agreement between the Government of German Democratic Republic and the Government of the Republic of India in the Field of Merchant Shipping signed on 9.1.1979, as amended up-to-date.

(c) SHIPMENT FROM ADRIATIC PORTS OF EASTERN ITALY AND YUGOSLAVIA

The seller should arrange shipment of the goods by vessels belonging to the following

Indian member lines;

1. The Shipping Purchaser of India Ltd
2. The Scindia Steam Navigation Co., Ltd
3. India Steamship Co., Ltd

For the purpose of ascertaining the availability of suitable Indian vessels and granting dispensation in the event of their non-availability, the Seller should give adequate notice about the readiness of each consignment from time to time at least six weeks in advance of the required position to M/s Schenker & Co. 2000 HAMBURG (Cable: SCHENKER CO., HAMBURG) and also endorse a copy thereof to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

The seller should arrange shipment through the Government of India's Forwarding Agents M/s Schenker & Co. 2000 HAMBURG (Cable: SCHENKER CO., HAMBURG) or obtain certificate from them to the effect that shipment has been arranged in accordance with the instructions of the Ministry of Surface Transport, (TRANSCHART), New Delhi.

(d) SHIPMENT FROM POLAND & CZECHOSLOVAKIA

(i) IMPORTS FROM POLAND

Shipment under this contract would be made by the National flag lines of the two parties and vessels of the third flag conference lines, in accordance with the agreement between the Govt. of the Republic of India and the Govt. of the Polish People's Republic regarding Shipping Co-operation dated 27.6.1960 as amended up-to-date.

(ii) IMPORTS FROM CZECHOSLOVAKIA

Goods under this contract would be signed by the National flag lines of the two parties and vessels of the third flag conference lines, in accordance with the Agreement Co-operation in shipping between India and Czechoslovakia signed on 3.11.1978 and ratified on 19.12.1979, as amended up-to-date.

Shipping arrangement should be made by the Sellers in consultation with Resident Representative of the Indian Shipping Lines in Gdynia, Co., Morska Agencja W. Gdyniul, Pulaskiego 8, P.O. Box 246, Gdynia (Poland) – Telex : MG PL. 054301, Tel.:

207621, to whom details regarding contract number, nature of cargo , quantity, port of lading, discharging, name of Government consignee, expected date of readiness of each consignment etc. should be furnish at least six weeks in advance of the required position, with a copy thereof endorsed to the Shipping Co-ordination Officer, Ministry of Surface Transport, (Chartering Wing), New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(e) SHIPMENT FROM U.S.S.R

Shipment under this contract should be made in accordance with the agreement between the Government of the Republic of India and the Government of U.S.S.R on Merchant Shipping 1976, as amended up-to-date, by vessels of Indo-Soviet shipping Service.

(f) SHIPMENT FROM JAPAN

The shipment of goods should be made of India vessels to the maximum extent possible subject to the minimum of 50%.

The Seller should arrange shipment of the goods in consultation with the Embassy of India in Japan, Tokyo to whom details regarding contract number, nature of cargo, quantity, port of loading/discharge, name of Govt. consignee, expected date of readiness of each consignment etc. should be furnished at least six weeks in advance of the required position.

Note: The copies of such contracts are to be endorsed to both the Attached (commercial) embassy of India in Japan, Tokyo, and the shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi.

(g) SHIPMENT FROM AUSTRALIA, ALGERIA, BULGARIA, ROMANIA, EGYPT

The Seller shall arrange shipment of the goods by Indian flag vessels to the maximum extent possible subject to a minimum of 50%. For the purpose of ascertaining the availability of suitable Indian vessels, the seller shall give adequate notice of not less than six weeks about the readiness of each consignment to the Shipping Purchaser of India Ltd., SHIPPING HOUSE, 245, Madame Cama Road, Bombay – 400 021 (CABLE: SHIPINDIA BOMBAY) and also endorse a copy thereof to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(h) SHIPMENT FROM PAKISTAN

The shipment of cargoes should be made by Indian vessels to the maximum extent possible subject to a minimum of 50 %.

Shipment arrangement should be made by the sellers in consultation with M/s Mogul Line Ltd., 16-Bank Street, Fort, Bombay – 400023 (Cable: MOGUL BOMBAY: Telex: 011 – 4049 MOGUL), to whom, details regarding contract number, nature of cargo, quantity, port of lading discharging, name of government consignee, expected date of readiness of each consignment etc. should be furnish at least six weeks in advance of the required position, with a copy thereof endorsed to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(i) SHIPMENT FROM US ATLANTIC & GULF PORTS

The Seller should arrange shipment of the goods by vessels belonging to the member lines of the India – Pakistan – Bangladesh – Ceylon and Burma Outward Freight Conference. If the Seller finds that the space of the ‘Conference Lines’ vessels is not available for any specific shipment he should take up with India – Pakistan- Bangladesh – Ceylon and Burma Outward Freight Conference, 19, Rector Street, New York, N.Y. 10006 USA, for providing shipping space and also inform the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159)

(j) SHIPMENT FROM ST. LAWRENCE AN EASTERN CANADIAN PORTS

The Seller should arrange shipment of the goods by vessels belonging to the following shipping lines;

1. The shipping Purchaser of India Ltd
2. The Scindia Steam Navigation Co., Ltd

If the Seller finds that the space in the vessels of these Lines is not available for any particular consignments, he should inform the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159) immediately so that dispensation from the shipping lines concerned to use alternative lifting may be sought.

(k) SHIPMENT FROM WEST COAST PORTS OF U.S.S CANADA AND OTHER AREAS NOT SPECIFICALLY MENTIONED ABOVE

The Seller should arrange shipment of the goods by Indian vessels to the maximum extent possible subject to a minimum of 50 %. For the purpose of ascertaining the availability of suitable Indian vessels and granting dispensation in the event of their non-availability, the Seller should furnish the details regarding contract number, nature of cargo, quantity, port of lading, discharging, name of government consignee, expected date of readiness of each consignment etc. to the Shipping Co-ordination Officer, Ministry of Surface Transport, New Delhi, (Cable: TRANSCHART, NEW DELHI, Telex: VAHAN IN – 031 – 61157, 61158, 61159) at least six weeks in advance of the required position.

2. BILLS OF LADING

(i) C.I.F./C&F/TURNKEY SHIPMENTS

The Bills of lading should be drawn to indicate Shipper and 'Consignee' as under:

SHIPPER: The C.I.F (C&F)/TURNKEY SUPPLIERS concerned.

CONSIGNEE: As per consignee's particulars in the contract, (The name and address of the 'Port Consignee' and 'Ultimate' both should be indicated).

(ii) F.O.R SHIPMENTS

The Bills of lading should be drawn to indicate shipper Consignee as under:

SHIPPER: The F.O.R suppliers Concerned

CONSIGNEE: Supplier's Indian Agent on order

Note:

1. The name of the 'Purchaser' and 'Ultimate' Consignee should appear in the body of the Bills of Lading as the 'Notify' or as a remark.
 2. Two non-negotiable copies of the Bills of Lading indicating the freight amount and discount, if any allowed, should be forwarded to The Shipping Co-ordination Officer, Ministry of surface Transport (Chartering Wing), New Delhi after the shipment of each consignment is effected.
 3. The seller should avoid the use of over-aged vessels for the shipment of the goods under the contract and if so used the cost of additional insurance, if any, shall be borne by the seller.
-

SECTION – XX**CHECKLIST****Name of Tenderer:****Name of Manufacturer:**

Sl No.	Activity	Yes/ No / NA	Page No. in the TE document	Remarks
1. a.	Have you enclosed EMD of required amount for the quoted			
b.	In case EMD is furnished in the form of Bank Guarantee, has it been furnished as per Section XIII?			
c.	In case Bank Guarantee is furnished, have you kept its validity of 165 days from Techno Commercial Tender Opening date			
2. a.	Have you enclosed duly filled Tender Form as per format in Section X?			
b.	Have you enclosed Power of Attorney in favor of the signatory?			
3.	Are you a SSI unit, if yes have you enclosed certificate of registration issued by Directorate of			
4. a.	Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical			
b.	In case of Technical deviations in the compliance statement, have you identified			
5. a.	Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of TE document in respect of all			

Sl No.	Activity	Yes/ No / NA	Page No. in the TE document	Remarks
b.	Have you submitted copy of the order(s) and end user certificate?			
6.	Have you submitted manufacturer's authorization as			
7.	Have you submitted prices of goods, turnkey (if any), CMC etc. in the Price			
8.	Have you kept validity of 120 days from the Techno Commercial Tender Opening			
9. a.	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of			
b.	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government			
10.	Have you intimated the name and full address of your Banker (s) along with your			
11.	Have you fully accepted payment terms as per TE document?			
12.	Have you fully accepted delivery period as per TE document?			
13.	Have you submitted the certificate of incorporation?			
14.	Have you accepted the warranty as per TE			
15.	Have you accepted terms and conditions of TE document?			

Sl No.	Activity	Yes/ No / NA	Page No. in the TE document	Remarks
16.	Have you furnished documents establishing your eligibility & qualification			
17	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the			

N.B.

1. All pages of the Tender should be page numbered and indexed.
2. The Tenderer may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank.
3. If any column is not applicable, it may be filled up as NA.
4. It is the responsibility of tendered to go through the TE document to ensure furnishing all required documents in addition to above, if any

(Signature with date)
(Full name, designation & address of the person duly authorized to sign on behalf of the Tenderer)

For and on behalf of
(Name, address and stamp of the tendering firm)

Section – XXI
Consignee

Medical Institutions	Contact Address.	AirPort	Sea Port
All India Institute of Medical Sciences, Raipur	The Director, All India Institute of Medical Sciences, Raipur, Tatibandh, Raipur (CG)	Delhi	Kolkata

NB: The consignee will ensure timely issue of NMIC, CDEC, Octroi Exemption Certificates, Road Permits & Entry Tax Exemption Certificates, wherever applicable, to the suppliers.