

Tender Enquiry No.: 45/MPPHSCL/MDRU - Equip/2015

Dated: 24/09/2015

ONLINE TENDERS FOR

**ANNUAL RATE CONTRACT OF EQUIPMENT/INSTRUMENTS TO BE
SUPPLIED AND INSTALLED AT MDRU AND OTHER HOSPITALS OF
GOVERNMENT OF MADHYA PRADESH**

**Madhya Pradesh Public Health Services Corporation Limited
(A Government of Madhya Pradesh Undertaking)**

1st Floor, OILFED BUILDING, Arera Hills

Bhopal - 462011.

Phone: 0755-2578911

Website: www.health.mp.gov.in

[For any further clarifications / queries on e-Portal can be contacted at:

Toll Free Nos.: 18002588684

Mobile No. 08989685065, 08965065346, 08965022417 (queries related to e-proc. portal with TCS),

Phone No. 0755-6500102

e-mail: eproc_helpdesk@mpsdc.gov.in

Helpdesk Address : TCS helpdesk, 5th Floor , Corporate Zone, DB Mall , Arera Hills , Bhopal]

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SECTION I

NOTICE INVITING GLOBAL TENDERS (NIT)

**Madhya Pradesh Public Health Services Corporation Limited
(A Government of Madhya Pradesh Undertaking)**

1st Floor, Oilfed Buidling, Arera Hills, Bhopal - 462011.

Phone: 0755-2578911

Website: www.health.mp.gov.in

Tender Enquiry No.: 45/MPPHSCL/Medical College Equip/2015

Dated:24/09/2015

Managing Director, MPPHSCL, for and on behalf of Department of Public Health & Family Welfare, Govt. of Madhya Pradesh invites online national tender, for **LIST & DETAILED TECHNICAL SPECIFICATION of EQUIPMENTS REQUIRED FOR MULTI DISCIPLINARY REASARCH UNIT (MDRU) AT MGM MEDICAL COLLEGE, INDORE**

from eligible and qualified Bidders for supply, installation, testing and commissioning of Equipment as per details given below:

Name & List of 155 Equipment required for Anaesthesia, Obstetrics & Gynaecology, ENT, Physiotherapy and Casualty Departments Approved by Technical Expert Committee of CPC formed by Govt. for Medical Colleges & Associated Hospitals Enclosed with the indent form.

Schedule No.	Description	Quantity (No.)	Estimated Cost (INR)
1	LIST & DETAILED TECHNICAL SPECIFICATION of EQUIPMENTS REQUIRED FOR MULTI DISCIPLINARY RESEARCH UNIT (MDRU) AT MGM MEDICAL COLLEGE, INDORE,REWA & JABALPUR	As detailed for three MEDICAL Colleges in specifications (26 items) one set for each of the three MDRU 's	As per Budget Head Allocation in Equipment & Instruments head of DME for the three MDRU's

1. Note: expected % variation in indicative quantity mentioned in the table above 20 %.

The Schedule of E-Tendering Activities are as under:

Sr. No.	Activity	Date and Time
1	Start of Purchase of Tender Document online	24/09/2015 at 18:30 Hrs
2	End of Purchase of Tender Document online	09/11/2015 at 14:00 Hrs
3	Date and time of pre-bid meeting *at NHM,MP Meeting Hall 4 th floor, , Gramin Bank Building, Jail Road, Arera Hills, Bhopal (MP).	08/10/2015 at 12:00 Hrs
4	End of Bid Submission –online & Physical bid	09/11/2015 at 14:30 Hrs

	submission only at OILFED building	
5	Opening of Technical Bid (Envelope-A)online .The Physical bid opening kept at NHM,MP Meeting Hall 4 th floor, , Gramin Bank Building, Jail Road, Arera Hills, Bhopal (MP).	09/11/2015 at 16:00 Hrs

- (1) Tender documents maylbe viewed or purchased online by interested and eligible bidders from the website www.mpeproc.gov.in on the above mentioned dates after paying Tender fee of Rs.5,000/- and Processing Fee, as applicable. Tender document may also be viewed from the website www.health.mp.gov.in.
- (2) Bidders are required to submit their tenders online at www.mpeproc.gov.in on or before the key dates given above. The Physical copy of the Technical Bid along with original EMD/Bid Security of Rs.3,00,000 (irrespective of no of schedules quoted) should also be submitted at the address below latest by 09/11/2015 at 14:30 Hrs..
- (3) All further notifications/amendments, if any shall be posted on www.mpeproc.gov.in and www.health.mp.gov.in only. No separate communication shall be made with individual Bidders.

**CGM (Technical),
Madhya Pradesh Public Health Services
Procurement Corporation (MPPHSC) Limited
Bhopal**

SECTION - II

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SECTION – II GENERAL INSTRUCTIONS TO TENDERERS (GIT)

A. PREAMBLE

1. Definitions and Abbreviations

1.1 The following definitions and abbreviations, which have been used in these documents shall have the meanings as indicated below:

1.2. Definitions:

- (i) “Consignee” means the Hospital/Institute/Medical College/ person 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 despatch to another person as provided in the Contract then that “another” person is the consignee, also known as ultimate consignee.
- (ii) “Contract” means the written agreement entered into between the Tender Inviting Authority and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc.
- (iii) “Day” means calendar day.
- (iv) “Earnest Money Deposit” (EMD) means bid security/ monetary or financial guarantee to be furnished by a bidder along with its tender.
- (v) “Goods” means the articles, material, commodities, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, associated software, industrial plant etc. which the supplier is required to supply to the Tender Inviting Authority under the contract.
- (vi) “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.
- (vii) “Ordering Authority” OR “Purchaser” means the competent authorities of DoPH& FW, Medical Education, GAS Rahat Departments of Government of Madhya Pradesh, as the case may be (herein after referred to as “Ordering Authority”), , in their respective jurisdictions, purchasing goods and services as incorporated in the Tender Enquiry document, namely:
 - a. Tender Inviting Authority/Managing Director, MPPHSCL
 - b. Chief Medical & Health Officer
 - c. Chief Medical & Health Officer, Gas Rahat
 - d. Civil Surgeon cum Hospital Superintendent
 - e. Superintendent, Special Hospitals
 - f. Superintendents, Gas Rahat hospitals
 - g. Superintendent cum Joint Director Medical College (Specifically)

S. N.	Name of Ordering Authority	Contact No. & E-mail ID
H	Dean Mahatma Gandhi Memorial Medical College, Indore	(0731)-2527383/2527679 <mgmmcindoredean@gmail.com>
I	Dean NSCB Medical College, Jabalpur.	(0761)-2370951 <mcjbp@rediffmail.com>
J	Dean S.S.Medical College, Rewa.	(07662)-241655 <deanmcrewa@rediffmail.com>

[Please mention name of authority, entitled to place purchase orders along with contact details-Medical college Authorities as detailed above as per R/C, rest Authorities to see their budget head ,see specifications(Whether tertiary level equipment is suitable) and seek permission from Authority before deciding on Procurement on R/C]

- (viii) "Performance Security" means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it.
- (ix) "Services" means services allied and incidental to the supply of goods, such as transportation, installation, testing, commissioning, provision of technical assistance, training, after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- (x) "Specification" means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xi) "Supplier" means the individual or the firm supplying the goods and services as incorporated in the contract.
- (xii) "Tender Inviting Authority" is Managing Director, Madhya Pradesh Public Health Services Procurement Corporation Limited, Ground Floor, Gramin Bank Building, Jail Road, Arera Hills, Bhopal (MP).
- (xiii) "Tender" means Bids / Quotation / Tender received from a Firm / Bidder / Bidder.
- (xiv) "Bidder" means Bidder/ the Individual/Firm or company submitting Bids / Quotation / Tender
- (xv) "Indenting Authority" means the Department of Govt. of Madhya Pradesh who sends its indent to MPPHSCL for procurement of goods and related services.

1.3 Abbreviations:

- (i) "BG" means Bank Guarantee
- (ii) "CD" means Custom Duty
- (iii) "CENVAT" means Central Value Added Tax
- (iv) "CMC" means Comprehensive maintenance Contract (labour, spare and preventive/ breakdown maintenance)
- (v) "CST" means Central Sales Tax
- (vi)
- (vii) "DP" means Delivery Period
- (viii) "ED" means Excise Duty
- (ix) "GCC" means General Conditions of Contract
- (x) "GIT" means General Instructions to Tenderers
- (xi) "LC" means Letter of Credit
- (xii) "NIT" means Notice Inviting Tenders.
- (xiii) "RR" means Railway Receipt
- (xiv) "SCC" means Special Conditions of Contract
- (xv) "SIT" means Special Instructions to Bidders
- (xvi) "TE Document" means Tender Enquiry Document
- (xvii) "VAT" means Value Added Tax
- (xviii) "AERB" means Atomic Energy Regulatory Board
- (xix) "DoPH&FW" means Department of Health & Family Welfare, Govt. of MP
- (xx)
- (xxi) "DME" means Department of Medical Education, Govt. of M.P.
- (xxii) "HOD" means Head of Department
- (xxiii) "OA" means Ordering Authority
- (xxiv) "TIA" means Tender Inviting Authority
- (xxv) "MPPHSCL" means Madhya Pradesh Public Health Services Corporation Limited
- (xxvi) "INCOTERMS" means International Commercial Terms as on the date of Tender opening.
- (xxvii) "BL" means Bill of Lading
- (xxviii) "FOB" means Free on Board
- (xxix) "FOR" means Free on Rail
- (xxx) "CIP (Destination)" means Carriage and Insurance Paid up to named port of destination
- (xxxii) "DDP" means Delivery Duty Paid named place of destination (consignee site)
- (xxxiii) "CIF" means Cost, Insurance and Freight

2. Introduction

- 2.1 The Tender Inviting Authority has issued these Tender Documents for supply 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 bidders in preparation and submission of tenders. It also includes the mode and procedure to be adopted by the Tender Inviting Authority for receipt and opening as well as scrutiny and evaluation of tenders and subsequent placement of contract.
- 2.3 The bidders shall also read the Special Instructions to Tenderers (SIT) related to this purchase, as contained in Section III of these documents and follow the same accordingly. Whenever there is a conflict between the GIT and the SIT, the provisions contained in the SIT shall prevail over those in the GIT.
- 2.4 Before formulating the tender and submitting the same to the Tender Inviting Authority, the bidder should read and examine all the terms, conditions, instructions, checklist etc. contained in the Tender Documents. Failure to provide and/or comply with the required information, instructions etc. incorporated in these Tender Documents may result in rejection of its tender.

3. Availability of Funds

- 3.1 Expenditure to be incurred for the proposed purchase will be met from the funds available with the Indenting Authority.

4. Language of Tender

- 4.1 The tender submitted by the bidder and all subsequent correspondence and documents relating to the tender exchanged between the bidder and the Tender Inviting Authority, shall be written in English language. However, the language of any printed literature furnished by the bidder in connection with its tender may be written in any other language provided the same is accompanied by an English translation and, for the purpose of interpretation of the tender, the English translation shall prevail.
- 4.2 The tender submitted by the bidder and all subsequent correspondence and documents relating to the tender exchanged between the bidder and the Tender Inviting Authority, may also be written in 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 Bidders

- 5.1 This invitation for tenders is open to all manufacturers located in India and Indian subsidiaries of foreign manufacturers or authorised importers of foreign manufactures who fulfil 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 bidder 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 subsequently processing the same. The Tender Inviting Authority 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 In addition to Section I – “Notice Inviting Tender” (NIT), the TE documents include:

- Section II – General Instructions to Bidders (GIT)
- Section III – Special Instructions to Bidders (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 – Bidder Information Form
- Section IX – Qualification Criteria
- Section X – Tender Form
- Section XI – Price Schedules
- Section XII – Manufacturer’s Authorization Form
- Section XIII – Bank Guarantee Form for EMD
- Section XIV – Bank Guarantee Form for Performance Security/CMC Security
- Section XV – Contract Forms A & B
- Section XVI – Proforma of Consignee Receipt Certificate
- Section XVII – Proforma of Final Acceptance Certificate by the consignee
- Section XVIII – Check List for the Bidders

8.2 The details of the required goods and services, the terms and 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 bidders are expected to examine all such details to proceed further.

9. Amendments to Tender Documents

- 9.1 At any time prior to the deadline for submission of tenders, the Tender Inviting Authority may, for any reason deemed fit by it, modify the Tender Documents by issuing suitable amendment(s) to it.
- 9.2 Such an amendment will be notified online on www.mpeproc.gov.in and/or www.health.mp.gov.in and same shall be binding to all bidders. All prospective bidders are advised to see above websites regularly for information. Tender Inviting Authority shall not be responsible in any manner if prospective bidders miss any notification(s) placed on above website(s).
- 9.3 In order to provide reasonable time to the prospective bidders to take necessary action in preparing their tenders as per the amendment(s), the Tender Inviting Authority 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 Tender Documents

- 10.1 A bidder requiring any clarification or elucidation on any issue of the Tender Documents may take up the same with the Tender Inviting Authority in writing, by post or by e-mail (cgmt.mpphsc1@gmail.com) The Tender Inviting Authority will respond in writing to such request provided the same is received by the Tender Inviting Authority not later than seven days prior to the prescribed date of submission of tenders.
- 10.2 Interested eligible bidders may also depute its authorized representative to attend pre-bid meeting at the scheduled date and time given in Section-I of this document. Attending pre-bid meeting by prospective bidder(s) is not mandatory.
- 10.3 The purpose of pre-bid meeting is to clarify doubts, if any and to provide responses to the clarifications sought by prospective bidders regarding terms and conditions, technical specifications and other provisions given in the tender document. The clarifications so sought by prospective bidders during pre-bid meeting shall be appropriately responded and minutes of pre-bid meeting

along with written responses / clarifications shall be uploaded on the websites www.mpeproc.gov.in and www.health.mp.gov.in.

C. PREPARATION OF TENDERS

11. Documents Comprising the Tender

11.1 The **Two Bid Online System**, i.e. “Technical Bid” (Cover-A) and “Financial Bid” (Cover-C) prepared by the bidder, shall comprise the following:

A) **Techno – Commercial Tender – Un-priced Tender (Cover-A)**

- i) Earnest money furnished in accordance with GIT Clause 19;
- ii) Tender Form as per Section X (without indicating any prices).
- iii) Documentary evidence, as necessary in terms of GIT Clauses 5 and 17 establishing that the bidder is eligible to submit the tender and also qualified to perform the contract if its tender is accepted.
- iv) Bidders submitting bid for goods manufactured by other manufacturers shall furnish Manufacturer’s Authorization Form (in the format given in Section-XII)
- v) Power of Attorney in favour of signatory of Tender 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 bidder conform to the requirement of the Tender Documents.
- vii) Performance Statement as per section IX along with relevant copies of orders and end users’ satisfaction certificate in the desired format.
- viii) Certificate of Incorporation of the Bidder in the country of origin.
- ix) Checklist as per Section XVIII.

B) **Price Tender (to be submitted online, no physical copy) – (Cover-C)**

The Price Schedule as per format given in Section XI (as appropriate) should filled and submitted **online only** with all the details including make, model etc. of the goods and services offered.

11.2 The authorized signatory of the bidder must sign on the physical copy of Tender Documents duly stamped at appropriate places and initial all the pages of the tender.

11.3 A Tender, which does not fulfil any of the above requirements and/or gives evasive information/reply against any such requirement, shall be liable to be ignored and rejected.

12. Tender currencies

12.1 The bidder supplying indigenous or already imported goods shall quote only in Indian Rupees.

12.2 Tenders, where prices are quoted in any other way shall be treated as non-responsive and rejected.

13. Tender Prices

13.1 The Bidder 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/perform 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 bidder, same should be filled as “00” by the bidder.

13.2 If there is more than one Schedule in the List of Requirements, the bidder has the option to submit its Bid for any one or more Schedules. However, while quoting for a schedule, the bidder shall quote for the complete requirement of goods and services as specified in that particular schedule.

13.3 While filling up the columns of the Price Schedule, the following aspects should be noted for compliance:

13.3.1 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) charges towards Packing & Forwarding, Inland Transportation, Insurance (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; 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 Bidder 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. 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.

13.5.2 Excise Duty:

- a) Prices are inclusive of Excise duty. If a Bidder chooses to mention the excise duty in the price bid and also desires to be reimbursed for variation, if any, in the excise duty during the time of supply, the bidder 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 13.4.2 (a), any change in excise duty upward/downward as a result 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/Ordering Authority 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 bidder 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 eligible 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 Tender Inviting Authority.

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 supply order (s) placed by the Ordering Authority are exempted from levy of any such duty or tax and, wherever necessary, obtain the exemption certificate from the Ordering Authority/ 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 Ordering Authority to enable the Ordering Authority to reimburse the supplier and take other necessary action in the matter.

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

13.7 The need for indicating all price components by the bidders as required in the 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 bidder on any other terms offered.

14. Indian Agent

Deleted

15. Firm Price

15.1 Unless otherwise specified in the SIT, prices quoted by the bidder 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. All those bidders shall be disqualified for all quoted products if any person (s) (i.e partner (s) in case of a partnership firm, member (s) in case of a company or the proprietor in case of a proprietorship firm, as the case may be) holds 20% or more share (ownerships) in more than one bidding entities who have quoted for same product (s)".

16.2 If a bidder submits bid on behalf of the Principal / OEM (if allowed in the tender), the same bidder shall not submit a bid on behalf of another Principal / OEM in the same tender for the same item/product. In a tender either the bidder on behalf of the Principal / OEM or Principal/OEM can bid but both cannot bid simultaneously for the same item/product in the same tender.

16.2 Bidders are requested to quote their most suitable model meeting tendered technical specifications. Alternate models are not allowed to quote.

17 Documents Establishing Bidder's Eligibility and Qualifications

17.1 Pursuant to GIT clause 11, the bidder 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 fulfil the following requirements:

a) Manufacturer or Indian subsidiary of foreign manufacturer has the required financial, technical, production and after sales services capability necessary to perform the contract and, further, it meets the qualification criteria incorporated in the Section IX in these documents.

18. Documents establishing Good's Conformity to Tender Document.

18.1 The bidder 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 Tender Inviting Authority in the Tender Documents. For this purpose the bidder shall also provide a clause-by-clause statement of compliance on the technical specifications and other technical details incorporated by the Tender Inviting Authority in the Tender Documents vis-à-vis the technical details of the offered product 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 Tender Inviting Authority and that offered by the bidder, the bidder shall list out the same in a chart form without ambiguity and provide the same along with its tender.
- 18.3 If a bidder furnishes wrong and/or misguiding/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 to other remedies available to the Tender Inviting Authority in this regard.
- 18.4 Tender Inviting Authority reserves the right to call the Bidder to demonstrate its quoted model (s) before the Tender Evaluation Committee within 7-15 days from the date of issuing letter requesting demonstration.

19. Earnest Money Deposit (EMD)

- 19.1 Pursuant to GIT clauses 11.1 A) the bidder shall furnish along with its tender, earnest money of Rs.3,00,000/- (Rupees Three lakh only).
- 19.2 No exemption is allowed in EMD. Without valid EMD, bid shall be rejected
- 19.3 The earnest money shall be in the form of Bank Guarantee issued from any scheduled bank in India. In case of Bank Guarantee furnished from a Bank outside India (i.e. foreign Bank), it should be authenticated and countersigned by any nominated Bank in India by way of back-to-back counter guarantee and the same should be submitted along with the bid.
- 19.4 The Bank Guarantee should be pledged to Managing Director, Madhya Pradesh Public Health Services Corporation Limited, payable at Bhopal and as per the format specified under Section XIII in these documents.
- 19.4 The Bank Guarantee shall be valid for 180 days from techno – commercial tender opening date.
- 19.5 Unsuccessful bidders' earnest money will be returned to them without any interest, after expiry of the tender validity period, but not later than thirty days after conclusion of the resultant contract. Successful bidder's earnest money will be returned without any interest, after receipt of performance security from that bidder.
- 19.6 Earnest Money is required to protect the Tender Inviting Authority against the risk of the Bidder's conduct, which would warrant the forfeiture of the EMD. Earnest money of a bidder will be forfeited, if the bidder 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 without prejudice to other rights of the Tender Inviting Authority. The successful bidder's earnest money will be forfeited without prejudice to other rights of Tender Inviting Authority if it fails to furnish the required performance security within the specified period.

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 techno-commercial tender opening prescribed in the Tender Documents. Any tender valid for a shorter period shall be treated as unresponsive and rejected.
- 20.2 In exceptional cases, the bidders may be requested by the Tender Inviting Authority to extend the validity of their tenders up to a specified period. Such request(s) and responses thereto shall be conveyed by post or by e-mail. The bidders, 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 bidder, 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 Tender Inviting Authority, the tender validity shall automatically be extended up to the next working day.

21. Signing and Sealing of Tender

- 21.1 The Bidders shall submit their tenders online as per key schedule dates indicated and physical copy of Technical Bid as per the instructions contained in GIT Clause 11.
- 21.2 Tender Document seeks tender submission by following two Tender Online System, in two parts i.e. First part - “Technical Bid (EMD & Technical documents) – **Envelope-A**” and second part - “Financial Bid’ – **Envelope-C**”
- 21.3 The bidder should also submit physical copy of Technical Bid duly typed and signed by the bidder’s authorized signatory who has been duly authorized to bind the bidder to the contract. The letter of authorization shall be by a written power of attorney, which shall also be furnished along with the tender. The Bidder shall submit original EMD along with physical copy of all letters, certificates, testimonials, forms etc. (self-certified) including original catalogue (s) of model quoted as uploaded online on or before the closing date of submission of tender document..
- 21.3 The scanned copy of the earnest money instrument (bank guarantee) should be uploaded online during bid submission
- 21.4 All the pages of the physical Technical Bid shall be duly signed at the appropriate places including printed literature, if any. The tender shall not contain any erasure or overwriting, except as necessary to correct any error made by the bidder and, if there is any such correction; the same shall be initialled by the person(s) signing the tender.
- 21.5 The bidder is to seal the physical Technical Bid in an envelope and writing the address of the Tender Inviting Authority and the tender reference number on the envelopes. The sentence “NOT TO BE OPENED” before _____ (The bidder is to put the date & time of tender opening) are to be written on this envelope. If the envelope is not sealed and marked properly as above, the Tender Inviting Authority will not assume any responsibility for its misplacement, premature opening, late opening etc.

D. SUBMISSION OF TENDERS

22. Submission of Tenders

- 22.1 Unless otherwise specified, tenders will be submitted online as per the Key Dates in the Notice published on the website <http://www.mpeproc.gov.in> For online bidding scan copy of needful documents in proper resolution should be uploaded online. Bidders are required to sign their bids online using Class III - Digital Certificates only, Contractors are advised to obtain the same at the earliest. For further information, Contractors are requested to read Users Guide available in M.P. Government’s E-Procurement Portal <https://www.mpeproc.gov.in/>. The bidders may also contact E-Procurement Cell / Helpdesk at Toll Free No. 1800-258-8684 and e-mail: eproc_helpdesk@mpsdc.gov.in
- 22.2 Physical technical bid (without price bid) along with original EMD in an envelope super scribing “Tender No. _____ for supply of _____” due on _____ [due date and time of submission of Technical Bid]” should be addressed and submitted on or before the date & time of online opening of technical bid and shall be submitted to “Managing Director, Madhya Pradesh Public Health Services Corporation Limited, 1st Floor, OILFED BUILDING ,Arera Hills , Bhopal – 462 011. The officer receiving the physical documents shall give the bidder an official receipt duly signed with date and time.
- 22.4 The Bidders must ensure that they deposit their physical technical bid along with original EMD not later than the closing time and date specified for submission of tenders. In the event of the specified date for submission of tender falls on / is subsequently declared a holiday or closed day for the Tender Inviting Authority, the physical technical bid and original EMD will be received up to the appointed time on the next working day.

23. Late Tender

- 23.1 This is an e-tender and all documents including price details are to be submitted on the mentioned portal. However, physical copy of Techno-Commercial bid is required to be submitted which shall be accepted on or before the time as mentioned at Section I, Sub-section (2). Physical copy shall be accepted before the date and time of online tender opening but not beyond that.

24. Alteration and Withdrawal of Tender

- 24.1 The bidder, after submitting its tender online, is not permitted to alter / modify its tender.
24.2 No tender should be withdrawn after the deadline for submission of tender and before expiry of the tender validity period. If a bidder withdraws the tender during this period, it will result in forfeiture of the earnest money furnished by the bidder in its tender.

E. TENDER OPENING

25. Opening of Tenders

- 25.1 The **Technical Bid (Envelope-A)** shall be opened online at the first instance, at the prescribed time and date as indicated in NIT followed by opening of physical copy of the technical bids 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 Tender Inviting Authority, the tenders will be opened at the appointed time and place on the next working day.
- 25.2 Authorized representatives of the bidders, who have submitted tenders on time may attend the tender opening provided they bring with them letters of authority from the corresponding bidders. The tender opening official(s) will prepare a list of the representatives attending the tender opening. The list will contain the representatives' names, signatures, e-mail Id, contact no. and corresponding Bidders' names and addresses.
- 25.3 During the Technical Bid opening, the Bid opening official(s) will read the salient features of the bids 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).
- 25.4 Thereafter, in the second stage, the **Financial Bid (Envelope-C)** of only the technically acceptable offers (as decided in the first stage) shall be opened for further scrutiny and evaluation on a date notified online after the evaluation of the Technical bid. The prices of the goods offered by the technically qualified bidders shall be read out and recorded, and provisional rates shall be uploaded on website of the Purchaser and e-procurement portal.

F. SCRUTINY AND EVALUATION OF TENDERS

26. Basic Principles

- 26.1 Tenders will be evaluated on the basis of the terms & conditions already incorporated in the TE document and the terms & conditions mentioned therein. No new condition will be brought in while scrutinizing and evaluating the tenders. TIA will not enter into any correspondence on the issue.

27. Preliminary Scrutiny of Tenders

- 27.1 The Tender Inviting Authority 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 generally in order.
- 27.2 Prior to the detailed opening and evaluation of Price Tenders, pursuant to GIT Clause 34, the Tender Inviting Authority will determine the substantial responsiveness of each Tender to the TE Document. For purposes of these clauses, a substantially responsive Tender is one, which conforms to all the terms and conditions of the TE Documents 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 Tender Inviting Authority's determination of a Tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

- 27.3 If a Tender is not substantially responsive, it will be rejected by the Tender Inviting Authority and cannot subsequently be made responsive by the Bidder by correction of nonconformities.
- 27.4 The tenders will be scrutinized to determine whether they are complete and meet the essential and important requirements, conditions etc. as prescribed in the Tender Documents. The tenders, which do not meet the basic requirements, are liable to be treated as non – responsive and will be summarily ignored.
- 27.5 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 uploaded and physically not submitted
 - (ii) Tender validity is shorter than the required period.
 - (iii) Required EMD (Amount etc.) have not been provided.
 - (iv) Bidder has not agreed to give the required performance security.
 - (v) Goods offered are not meeting the tender enquiry specification.
 - (vi) Manufacturer's Authorisation Certificate not enclosed by a bidder who is Importer/Dealer (if Importer/Dealer(s) are allowed to quote by the TIA)
 - (vii) Bidder 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.
 - (viii) Poor/ unsatisfactory past performance.
 - (ix) Bidders who stand deregistered/banned/blacklisted by any Govt. Authorities.
 - (x) Bidder is not eligible as per GIT Clauses 5.1 & 17.1.
 - (xi) Bidder has not quoted for the entire quantity as specified in the List of Requirements in the quoted schedule.

Note: The above mentioned aspects are descriptive and not exhaustive and a tender can be declared non-responsive for non-fulfilment of any essential condition culled out in the instant document in the considered view of the Tender Inviting Authority and the opinion of the Tender Inviting Authority shall be final and conclusive.

28. Minor Infirmary/Irregularity/Non-Conformity

- 28.1 If during the preliminary examination, the Tender Inviting Authority find any minor informality and/or irregularity and/or non-conformity in a tender, the Tender Inviting Authority may waive the same provided it does not constitute any material deviation and financial impact and, also, does not prejudice or affect the ranking order of the bidders. Wherever necessary, the Tender Inviting Authority will convey its observation on such 'minor' issues to the bidder by registered/speed post etc. asking the bidder to respond by a specified date. If the bidder does not reply by the specified date or gives evasive reply without clarifying the point 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 bidder, 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 Tender Inviting Authority feels that the bidder 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 judgement of the Tender Inviting Authority, there is any such arithmetical discrepancy in a tender, the same will be suitably conveyed to the bidder by registered / speed post / e-mail. If the bidder does not agree to the observation of the Tender Inviting Authority, the tender is liable to be ignored.

30. Discrepancy between online tender documents and physical documents

30.1 In case any discrepancy is observed between the online documents, text etc. and that in the physically submitted documents, text etc. of the same tender set then online documents, text etc. shall prevail. Here also, the Tender Inviting Authority will convey its observation suitably to the bidder by registered / speed post / e-mail and, if the bidder does not accept the Tender Inviting Authority's observation, that tender will be liable to be ignored.

31. Qualification Criteria

31.1 Tenders of the bidders, 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 bidders to quote their prices in different currencies, all such quoted prices of the respective bidders will be converted to a single currency viz. Indian Rupees for the purpose of equitable comparison and evaluation considering "SBI selling exchange rate" as on the due date of opening of Price Bids.

1. Deleted

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.

34. Comparison of Tenders

34.1 Unless mentioned otherwise in Section – III – Special Instructions to Bidders and Section – VI – List of Requirements, the comparison of the responsive tenders shall be carried out on Delivery Duty Paid (DDP) consignee site basis.

34.2 The quoted turnkey price (if applicable) and CMC prices (if asked) will also be added for comparison/ranking purpose for evaluation. The Net Present value (NPV) of the Comprehensive Annual Maintenance charges (CMC) quoted for every year after warranty period shall be added to the bid price for evaluation and will be calculated after discounting the quoted price by a discounting factor of 10% per annum.

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

35.1 Further to GIT Clause 34 above, the Tender Inviting Authority's evaluation of a tender will include and take into account the following:

i) In the 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, Service Tax, Works Contract Tax etc which will be contractually payable (to the bidder), on the goods if a contract is awarded on the bidder; and

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

36. Bidder's capability to perform the contract

36.1 The Tender Inviting Authority, through the above process of tender scrutiny and tender evaluation will determine to its satisfaction whether the bidder, 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, a Bidder is responsive for more than one schedule, then, such determination will be made cumulative.

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

37. Contacting the Tender Inviting Authority

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

37.2 In case a bidder attempts to influence the Tender Inviting Authority in the Tender Inviting Authority's decision on scrutiny, comparison & evaluation of tenders and awarding the contract, the tender of the bidder shall be liable for rejection in addition to appropriate administrative and coercive actions being taken against that bidder, as deemed fit by the Tender Inviting Authority.

G. AWARD OF CONTRACT

38. Tender Inviting Authority's Right to accept any tender and to reject any or all tenders

38.1 The Tender Inviting Authority 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 bidder or bidders.

39. Award Criteria

39.1 Subject to GIT clause 38 above, the contract will be awarded to the lowest evaluated responsive bidder decided by the Tender Inviting Authority in terms of GIT Clause 36. The contract shall be valid for one year from the date of signing of agreement unless otherwise extended by TIA. The contract could be extended for a maximum period of another 3 months on the same terms and conditions and on the same rates.

40. Variation of Quantities at the Time of Award

40.1 Quantities mentioned in the schedule (s) in the "List of Requirements" in the bid documents, are to be procured by the Purchaser/Ordering Authority defined at GIT Clause 1.2. In unforeseen/exceptional circumstances, order quantities may increase or decrease and decision in this regard by TIA shall be final and binding to the bidder. The Tender Inviting Authority or other Ordering Authorities can place more orders during currency of contract (which is one year from the date of signing of agreement) and the supplier has to supply the material at the same rates and conditions of the contract during the contract period. Beyond receipt & supply of 125% (of the quantity as mentioned in schedule of requirements) quantity of goods, the contract shall be over irrespective of completion of one year and no more orders can be placed to the supplier by Ordering Authorities.

41. Intimation Letter to successful bidder / Notification of Award

- 41.1 Before expiry of the tender validity period, the Tender Inviting Authority will notify the successful bidder(s) in writing, only by registered / speed post or by e-order (to be confirmed by registered / speed post) that its tender for goods & services, which have been selected by the Tender Inviting Authority, has been accepted, also briefly indicating therein the essential details like description, specification and quantity of the goods & services and corresponding prices accepted. The successful bidder must furnish to the Tender Inviting Authority the required performance security within 21 days along with the contract agreement 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.
- 41.3 The rates quoted and accepted will be binding on the bidder for full contract period of one year from the date of signing of agreement and any increase in price will not be entertained till the completion of this contract period. However, contract can be extended by another 3 months, before the expiry of annual rate contract, with the same terms and conditions of the rate contract. Accordingly this clause will be applicable for all orders placed during the contract period.
- 41.4 All supply orders shall be placed by the Ordering Authority (ies). All terms and conditions of supply order (s) shall be governed by the conditions of this tender document. Relevant details about the performance security have been provided under GCC Clause 5 under Section IV.

42. Issue of Contract

- 42.1 Promptly after notification of award, the Tender Inviting Authority will mail the contract form (as per Section XV) duly completed and signed, in duplicate, to the successful bidder by registered / speed post.
- 42.2 Within twenty one days from the date of the Notification of Award (at GIT Clause 41 above) , the successful bidder shall return the original copy of the contract, duly signed and dated, to the Tender Inviting Authority by registered / speed post.

43. Non-receipt of Performance Security and Contract by the Tender Inviting Authority/Ordering Authority

- 43.1 Failure of the successful bidder in providing performance security and / or returning contract copy duly signed in terms of GIT clauses 41 and 42 above shall make the bidder liable for forfeiture of its EMD and, also, for further actions by the Tender Inviting Authority against it as per the GCC Clause 24.

44. Return of E M D

- 44.1 The earnest money of the successful bidder and the unsuccessful bidders 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 bidder(s) receiving the contract(s) will be mentioned in the notice board/bulletin/web site of the Tender Inviting Authority.

46. Corrupt or Fraudulent Practices

- 46.1 It is required by all concerned namely the Consignee/Bidders/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Tender Inviting Authority: -
- (a) defines, for the purposes of this provision, the terms set forth below as follows:
- (i) "corrupt practice" means the offering, giving, receiving or soliciting of any thing 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 a procurement process or the execution of a contract to the detriment of the Tender Inviting Authority, and includes collusive practice among Bidders (prior to or after Tender submission) designed to

- establish Tender prices at artificial non-competitive levels and to deprive the Tender Inviting Authority of the benefits of free and open competition;
- (iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party [“parties” refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non competitive level].
 - (iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party (a “party” refers to a participant in the procurement process or contract execution).
- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent or collusive practices in competing for the contract in question;
 - (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the Tender Inviting Authority if it at any time determines that the firm/ company has engaged in corrupt or fraudulent or collusive practices in competing for, or in executing the contract.

SECTION - III
SPECIAL INSTRUCTIONS TO BIDDERS
(SIT)

Sl. No.	GIT Clause No.	Topic	SIT Provision
A	1 to 7	Preamble	No Change
B	8 to 10	TE documents	No Change
C	11 to 21	Preparation of Tenders	No Change
D	22 to 24	Submission of Tenders	No Change
E	25	Tender Opening	No Change
F	26 to 37	Scrutiny and Evaluation of Tenders	No Change
G	38 to 45	Award of Contract	No Change

SECTION-III
SPECIAL INSTRUCTIONS TO BIDDERS
(SIT)

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

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

A Preamble

No Change

B Tender Documents

No Change

C Preparation of Tenders

No Change

D Submission of Tenders

No Change

E Tender Opening

No Change

F Scrutiny and Evaluation of Tenders

No Change

G Award of Contract

No Change

SECTION - IV
GENERAL CONDITIONS OF CONTRACT (GCC)
TABLE OF CLAUSES

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SECTION-IV

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 Tender Inviting Authority'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 Tender Inviting Authority in connection therewith, to any person other than the person(s) employed by the supplier in the performance of the contract emanating from this Tender 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 Tender Inviting Authority'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 Tender Inviting Authority and, if advised by the Tender Inviting Authority, all copies of all such documents shall be returned to the Tender Inviting Authority on completion of the supplier's performance and obligations under this contract.

3. Intellectual Property Rights

- 3.1 The supplier shall, at all times, indemnify and keep indemnified the Tender Inviting Authority, 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, trademarks etc. being made against the Tender Inviting Authority, the Tender Inviting Authority 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 Tender Inviting Authority.

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 may be specified in the Price Schedule

5. Performance Security

- 5.1 Within twenty one (21) days from date of the issue of intimation letter/ notification of award by the Tender Inviting Authority/Ordering Authority, the supplier, shall furnish performance security to the Tender Inviting Authority for an amount equal to ten percent (10%) of the contract value, valid up forty-five (45) days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.

- 5.2 The Performance security shall be denominated in Indian Rupees and shall be in the form of Bank Guarantee issued by a Scheduled bank in India or abroad, in the prescribed form as provided in section XIV of this document in favour of the Purchaser/Consignee. The validity of the Bank Guarantee will be for a period up to sixty (60) days beyond Warranty Period.
- 5.3 In the event of any failure /default of the supplier with or without any quantifiable loss to the government including furnishing of Bank Guarantee for CMC security as per Proforma in Section XIV, the amount of the performance security is liable to be forfeited. The Purchaser/Consignee may do the needful to cover any failure/default of the supplier with or without any quantifiable loss to the Government.
- 5.4 In the event of any amendment issued to the contract, the supplier shall, within fifteen (15) 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 purchaser/consignee may enter into AMC/CMC as per the 'Contract Form – B' in Section XV with Purchaser/respective consignees, 3 (three) months prior to the completion of Warranty Period. The CMC may commence from the date of expiry of the Warranty Period.
- 5.6 Subject to GCC sub – clause 5.2 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. If Purchaser / Consignee doesn't enter into AMC/CMC with the supplier in spite of repeated reminders by the supplier, Tender Inviting Authority is bound to release the Performance Security within six months after its due date of release.

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 transshipment (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 remoteness 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 make separate packages for each ordering authority/consignee (in case there is more than one consignee mentioned in the contract) and 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 including relevant code numbers of the accessories
- d. Country of origin of goods
- e. Ordering Authority/consignee's name and full address including contact numbers and

f. Supplier's name and address including contact numbers

8. Inspection, Testing and Quality Control

- 8.1 Before despatch of the ordered goods, supplier, at its own cost, has to carry out pre-despatch inspection of the ordered goods either by empanelled inspection agency (ies) of CE/US FDA 21 CFR compliance certifying body (ies) through ASTM standards. Before submitting the product for inspection through empanelled agency(ies), the manufacturer must provide test certificate detailing in house tests carried out and the product's compliance. The test certificate must include performance parameters of all sub-systems and components.
- 8.2 The Tender Inviting Authority (TIA) and/or its nominated representative(s) may, without any extra cost to the Tender Inviting Authority, inspect and/or test the ordered goods, its manufacturing line and the related services to confirm their conformity to the contract specifications and other quality control details incorporated in the contract. The TIA shall inform the supplier in advance, in writing, the TIA's programme for such inspection and, also the identity of the officials to be deputed for this purpose. The cost towards the transportation, boarding & lodging will be borne by the Tender Inviting Authority and/or its nominated representative(s).
- 8.3 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 Tender Inviting/ Ordering Authority's inspector at no charge to the Tender Inviting Authority/ Ordering Authority.
- 8.4 Tender Inviting Authority or Ordering Authority or their representative shall also 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 at the site of final destination (at consignee's premises).
- 8.5 If during such inspections and tests the contracted goods fail to conform to the required specifications and standards, the Tender Inviting/Ordering Authority'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 Tender Inviting/Ordering Authority and resubmit the same to the Tender Inviting/Ordering Authority's inspector for conducting the inspections and tests again.
- 8.6 In case the contract/supply order stipulates pre-despatch inspection of the ordered goods at supplier's premises by Tender Inviting Authority, the supplier shall put up the goods for such inspection to the Tender Invitee's inspector well ahead of the contractual delivery period, so that the Tender Inviting Authority's inspector is able to complete the inspection within the contractual delivery period.
- 8.7 If the supplier tenders the goods to the Tender Invitee'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 Tender Inviting Authority under the terms & conditions of the contract.
- 8.8 The Tender Inviting Authority'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 Tender Inviting/Ordering Authority's inspector during pre-despatch inspection mentioned above.
- 8.9 Goods accepted by the Tender Inviting Authority/Ordering Authority and/or its inspector at initial inspection and in final inspection in terms of the contract shall in no way dilute Tender Inviting

Authority'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.

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 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.

10.2 Instructions for transportation of goods offered from abroad:

Not applicable

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 including goods already imported in India, on Consignee site basis, the supplier shall be responsible till the entire stores contracted for arrival in good condition at destination. The transit risk in this respect shall be covered by the Supplier by getting the stores duly insured an amount equal to 110% of the value of the goods from ware house to ware house (consignee site) on all risk basis. 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 imported goods on CIP named port of destination basis, the additional 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 for an amount equal to 110% of the overall expenditure to be incurred by the purchaser from warehouse to warehouse (consignee site) on all risk basis.
- iii) If the equipment is not commissioned and handed over to the consignee within 3 months, the insurance will be got 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 actual will be reimbursed.

12. Consumables & Spare parts

12.1 Unless specified in the Technical Specifications/List of Requirements and in the resultant contract, the supplier shall supply/provide any or all of the following materials, information etc. pertaining to consumables/ spare parts manufactured and/or supplied by the supplier:

- a) All equipment as specified in the List of Requirement should be able to operate with standard quality consumables available in open market. The bidder shall specify it in its bid and shall provide standard specifications in sufficient details of all consumables required to operate the equipment to enable the purchaser to try for these consumables in the open market. It is the purchaser's prerogative to purchase standard quality consumables/spare parts from any source available in the market and this act shall not relieve the supplier from any contractual obligation including warranty & AMC/CMC obligations.

- b) The spare parts as selected by the Tender Inviting Authority/Ordering Authority 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
- c) In case the production of the spare parts is discontinued the supplier shall give:
 - i) Sufficient advance notice to the Tender Inviting Authority/Ordering Authority before such discontinuation to provide adequate time to the Tender Inviting/Ordering Authority to purchase the required spare parts etc., and
 - ii) Immediately following such discontinuation, providing the Tender Inviting Authority/Ordering Authority, free of cost, the designs, drawings, layouts and specifications of the spare parts, as and if requested by the Tender Inviting Authority/Ordering Authority.

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 Tender Inviting Authority/Ordering Authority promptly on receipt of order from the Tender Inviting Authority/Ordering Authority.

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.

- a. Inform pre-requisite for installation & commissioning such as civil/electrical/miscellaneous requirement well in advance to the ordering authority.
- b. Installation & commissioning, Supervision and Demonstration of the goods
- c. Providing required jigs and tools for assembly, minor civil works required for the completion of the installation.
- d. Providing Standard Operating Procedure detailing operational guidelines, limitations, precautions, routine maintenance and Do's & Don'ts.
- e. The supplier shall help in preparing a log-book.
- f. Training of Consignee's Doctors, Staff, operators etc. for operating and maintaining the goods
- g. 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 despatch documents well in time to the Tender Inviting Authority/Ordering Authority/Consignee to enable the Tender Inviting Authority/Ordering Authority/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 same 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 despatch, the supplier shall notify the Tender Inviting Authority, Ordering Authority/consignee, and others concerned if mentioned in the contract, the complete details of despatch and also supply the following documents to them by registered post / speed post (or as instructed in the contract) keeping in view that the notification should reach the concerned authority not on a closed day/public holiday:

- (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 XVI 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 Inspection agency;
- (v) Certificate of origin;
- (vi) Insurance Certificate as per GCC Clause 11.
- (vii) Manufacturers/Supplier's warranty certificate & In-house inspection certificate.

B) For goods imported from abroad:

Not applicable

15. Warranty and CMC

- 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 Tender Inviting Authority 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 Tender Inviting Authority'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 under the conditions prevailing in India.
- 15.2 The **warranty** shall remain valid for three years (36 months) from the date of installation & commissioning followed by CMC for a period of 3 (Three) Years for all the equipment after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the Tender Inviting Authority/Ordering Authority in terms of the contract, unless specified otherwise in the SCC.
- 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
 - 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 Tender Inviting Authority/Ordering Authority/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 24 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. If any part is required to be replaced, the defective equipment should be made functional within 72 hours from the time of breakdown call to the supplier. The supplier shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the Tender Inviting Authority/Ordering Authority 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 Tender Inviting Authority.
- 15.6 If the supplier, having been notified, fails to respond to take action to repair or replace the defect(s) within 72 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the Tender Inviting Authority may proceed to take such remedial action(s) as deemed fit by the Tender Inviting Authority/Ordering

Authority , at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which the Tender Inviting Authority may have against the supplier.

- 15.7 During Warranty period, the supplier is required to visit at each consignee's site at least once in 4 months commencing from the date of the installation/commissioning for preventive maintenance of the goods and any no. of breakdown calls. The supplier shall also carry out calibration of equipment during warranty period as per manufacturer's guidelines.
- 15.8 The Tender Inviting Authority may enter into Annual Comprehensive Maintenance Contract (CMC) or AMC with the Supplier for the next three **years** after completion of warranty period. CMC is an extension of warranty period. All conditions w.r.t. replacement of parts and accessories shall also be applicable during CMC period. Respective Ordering Authorities shall pay CMC charges at the accepted rates.
- 15.9 The supplier and the CMC provider shall ensure continued supply of the spare parts for the machines and equipment supplied by them to the Tender Inviting Authority for 10 years from the date of installation and handing over.
- 15.10 The Supplier and the CMC Provider shall always accord most favoured client status to the Tender Inviting Authority vis-à-vis its other Clients/Tender Inviting Authority of its equipment/machines/goods etc. and shall always give the most competitive price for its machines/equipment supplied to the Tender Inviting Authority/Ordering Authority/Consignee.
- 15.12 During CMC period, the supplier is required to visit at each consignee's site at least once in 4 months commencing from the date of entering into CMC contract for preventive maintenance of the goods and any no. of breakdown calls. During CMC too, CMC provider shall calibrate the equipment as per manufacturer's guidelines.
- 15.11 If the supplier, having been notified during CMC period, fails to respond to take action to repair or replace the defect(s) within 72 hours on a 24(hrs) X 7 (days) X 365 (days) basis, the Tender Inviting Authority shall, without prejudice to other rights and remedies available to the Tender Inviting Authority under the contract, impose liquidated damages, a sum equivalent to 0.1% per day of delay up to 7 days, 0.2% per day of delay up to 14 days and 0.25% per day of delay beyond 14 days of equipment purchase cost.

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 Tender Inviting Authority's prior written permission.

17. Sub Contracts

- 17.1 The Supplier shall notify the Tender Inviting Authority 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. Sub contracts shall not be inconsistent with the terms of the tender/contract agreement.
- 17.2 Sub contracts shall also comply with the provisions of GCC Clause 4 ("Country of Origin").

18. Modification of contract

- 18.1 If necessary, the Tender Inviting Authority 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 Tender Inviting Authority,
- b) Mode of packing,
- c) Incidental services to be provided by the supplier
- d) Mode of despatch,
- e) Place of delivery, and
- f) Any other area(s) of the contract, as felt necessary by the Tender Inviting Authority 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 amended accordingly. If the supplier doesn't agree to the adjustment made by the Tender Inviting Authority/Ordering Authority, the supplier shall convey its views to the Tender Inviting Authority/Ordering Authority within twenty-one days from the date of the supplier's receipt of the Tender Inviting Authority's/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 authorised in the SCC.

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 Tender Inviting Authority. However, wherever Sales Tax is applicable, the same shall be paid as per governing rules of Government of Madhya Pradesh.

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 Or Foreign Origin Located Within India:

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

a) On delivery and satisfactory installation:

100% payment of the contract price shall be paid on receipt of goods in good condition & satisfactory installation 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) Test certificate issued by In-house Quality control department;
- (iii) Consignee Receipt Certificate as per Section XVI in original issued by the authorized representative of the consignee;
- (iv) Two copies of packing list identifying contents of each package;
- (v) Inspection certificate issued by the Inspection agency as per clause GCC 8;
- (vi) Insurance Certificate as per GCC Clause 11;
- (vii) Certificate of origin.
- (viii) 'Final Acceptance Certificate' issued by consignee subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise.

B) Payment of Turnkey, if any:

Turnkey payment will be made to the manufacturer's agent in Indian rupees indicated in the relevant Price Schedule or by Tender Inviting Authority and shall not be subject to further escalation / exchange variation. Payment shall be made in Indian Rupees to the supplier.

C) Payment for Annual Comprehensive Maintenance Contract Charges: The Ordering Authorities may enter into AMC/CMC with the supplier after expiry of warranty period. The payment of AMC/CMC will be made on six monthly basis after satisfactory completion of maintenance services during said period, duly certified by the consignee.

- 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 The payment shall be made in Indian currency only.
- 21.5 The supplier shall send its claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to the Tender Inviting/ respective consignees (as the case may be).
- 21.6 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.
- 21.7 While claiming reimbursement of duties, taxes etc. (like sales tax, excise duty, custom duty) from the Tender Inviting Authority/Ordering Authority/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 Tender Inviting Authority/Ordering Authority forthwith.
- 21.8 In case where the supplier is not in a position to submit its 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 any time subsequently from the date of despatch 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 Tender Inviting Authority 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 any time subsequently till the expiry of warranty/CMC period (as the case may be) 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 Tender Inviting Authority/Ordering Authority 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 Tender Inviting Authority/Ordering Authority in writing about the same and its likely duration and make a request to the Tender Inviting Authority/Ordering Authority for extension of the delivery schedule accordingly. On receiving the supplier's communication, the Tender Inviting Authority/Ordering Authority 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, inter alia contain the following conditions:
- (a) The Tender Inviting Authority/Ordering Authority 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 Tender Inviting Authority/Ordering Authority 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 Tender Inviting Authority/Ordering Authority/Consignee for extension of delivery period and obtain the same before despatch. 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 Tender Inviting Authority.

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 Tender Inviting Authority/Ordering Authority/Consignee shall, without prejudice to other rights and remedies available to the Tender Inviting Authority/Ordering Authority/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 order stands cancelled and LD shall be imposed on the value of the unexecuted order. Security Deposit of such suppliers can also be forfeited besides taking other penal action like debarment from participating in present and future tenders of the tender inviting authority etc.

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 Tender Inviting Authority/Ordering Authority , without prejudice to any other contractual rights and remedies available to it (the Tender Inviting Authority/Ordering Authority), may, by written notice of default sent 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 Tender Inviting Authority/Ordering Authority pursuant to GCC sub-clauses 22.3 and 22.4.
- 24.2 In the event of the Tender Inviting Authority/Ordering Authority terminates the contract in whole or in part, pursuant to GCC sub-clause 24.1 above, the Tender Inviting Authority/Ordering Authority may carry out risk purchase 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 Tender Inviting Authority/Ordering Authority for the extra expenditure, if any, incurred by the Tender Inviting Authority/Ordering Authority for arranging such procurement.
- 24.3 Unless otherwise instructed by the Tender Inviting Authority/Ordering Authority, 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 Tender Inviting Authority 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 Tender Inviting Authority/Ordering Authority.

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 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 Tender Inviting Authority/Ordering Authority either in its sovereign or contractual capacity, wars or revolutions, hostility, acts of public enemy, civil commotion, 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 Tender Inviting Authority/Ordering Authority in writing of such conditions and the cause thereof within twenty one days of occurrence of such event. Unless otherwise directed by the Tender Inviting Authority/Ordering Authority 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 Tender Inviting Authority/Ordering Authority is unable to fulfil its contractual commitment and responsibility, the Tender Inviting Authority/Ordering Authority will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs.

27. Termination for convenience

27.1 The Tender Inviting Authority/Ordering Authority reserves the right to terminate the contract, in whole or in part for its (Tender Inviting Authority's/Ordering Authority'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 Tender Inviting Authority/Ordering Authority. 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 Tender Inviting Authority/Ordering Authority following the contract terms, conditions and prices. For the remaining goods and services, the Tender Inviting Authority/Ordering Authority 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 Tender Inviting Authority/Ordering Authority 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, either the Tender Inviting Authority/Ordering Authority 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.

30.3 All disputes arising out of tendering process shall be within the jurisdiction of High Court of Madhya Pradesh, principal seat at Jabalpur, India.

- 30.4 Arbitration proceedings shall be convened by a panel of three arbitrators, one arbitrator each shall be nominated by both the parties and the third arbitrator shall be appointed with the mutual consultation and consent of both the arbitrators.
- 30.5 The award passed by the arbitrators shall be final and binding.
- 30.6 Venue of Arbitration: The venue of arbitration shall be the place from where the contract has been issued, i.e., Bhopal, Madhya Pradesh, India.

31. Applicable Law

The contract shall be governed by and interpreted in accordance with the laws of India for the time being 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 Tender Inviting Authority 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 Tender Inviting Authority/Ordering Authority /the Government of Madhya Pradesh of any material change would impact on performance of its obligations under this Contract.
- 32.4 Each member/constituent of the Supplier/CMC Provider, in case of consortium shall be **jointly and severally liable** to and responsible for all obligations towards the Tender Inviting Authority/Ordering Authority/Government 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 Tender Inviting Authority/Government of India 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 Tender Inviting Authority/Ordering Authority/Government of Madhya Pradesh 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.

None

Warranty & CMC (GCC Clause 15)

Warranty :- 3 year Warranty for all the equipments & Items

**AMC/CMC :-3 year CMC post 3 year Warranty for all the equipments & Items
(to decide on 3 years warranty/CMC)**

{please specify equipment wise if any}Normally we keep as per Clause GCC 15

**SECTION - VI
SCHEDULE OF REQUIREMENTS**

Part I

Schedule No.	Description	Quantity (No.)
1	LIST & DETAILED TECHNICAL SPECIFICATION of EQUIPMENTS REQUIRED FOR MULTI DISCIPLINARY RESEARCH UNIT (MDRU) AT MGM MEDICAL COLLEGE, INDORE, REWA & JABALPUR	As detailed for three MEDICAL Colleges in specifications (26 items) one set for each of the three MDRU 's

Part II: Required Delivery Schedule:

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

- 30 days from date of order for Non-Imported (Indigenous) items –too less should be 60 days and 45 days for installation and commissioning as given below
- 120 days from date of order for Imported items (minimum 4 months suggested for delivery)

[Please indicate when the indented items are required to be delivered. In case it is not feasible to consider required delivery schedule, the Corporation may suitable modify in consultation with Indenting authority]

60 days from date of despatch of Notification of Award through Registered Post/ Speed Post/ e-order to delivery at consignee site. The date of delivery will be the date of delivery at consignee site (Bidders may quote earliest delivery period). Installation and commissioning shall be done within 45 days of receipt of goods at site or within 45 days of handing over the site for installation, whichever is later.

(b) For imported goods directly from Foreign:

Not applicable

Part III: Scope of Incidental Services:

Installation, testing & 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 provided under GCC Clause 15.

Part VI:

Required Terms of Delivery and Destination.

a) For Indigenous goods or for imported goods:

At Consignee Site – Specified in the List of Requirements

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

b) For imported Goods directly from abroad: Not applicable

S. N.	Name of Consignee location(s)	Contact No. & E-mail ID
1	Dean Mahatma Gandhi Memorial Medical College, Indore	(0731)-2527383/2527679 mgmncindoredean@gmail.com
2.	Dean NSCB Medical College, Jabalpur.	(0761)-2370951 mcjbp@rediffmail.com
3	Dean S.S.Medical College, Rewa.	(07662)-241655 deanmcrewa@rediffmail.com

lease mention and attach complete details of consignee, including its address, name of contact person, contact details]

Name(s) and contact details of nominated technical expert who may be contacted for any clarification regarding technical specifications

1	In charge, MGM Medical College, Indore for MDRU	Dr.Pooja Solanki Associate Professor &Head Pharmacology Dept MGM MEDical COLlege indore.
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Section – VII

Technical Specifications

Name & List of Equipment required for :-

LIST & DETAILED TECHNICAL SPECIFICATION of EQUIPMENTS REQUIRED FOR

**MULTI DISCIPLINARY REASARCH UNIT (MDRU) AT MGM MEDICAL COLLEGE,
INDORE,REWA & JABALPUR**

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

Note 2: General: Bidders are requested to make sure that they should attach the list of equipment for carrying out routine and preventive maintenance wherever asked for and should make sure that Electrical Safety Analyzer / Tester for Medical equipment to periodically check the electrical safety aspects as per BIS Safety Standards IS-13540 which is also equivalent to IEC electrical safety standard IEC-60601 is a part of the equipment. If the Electrical Safety Analyzer/Tester is not available they should provide a commitment to get the equipment checked for electrical safety compliance with Electronic Regional Test Labs / Electronics Test and Development Centres across the country on every preventive maintenance call.

Note 3: All equipment operations to be demonstrated (if asked for any item in writing in 10-15 days) through submission of a "Demo model" in packing as would be supplied (Marked with Address) and signs "NOT for Sale" Government of MP Supply" Gross and net weight and markings on packing before experts after Technical Bid Opening by technical expert from the Firm with all accessories and spares complying the specifications and demo piece of the Model has to be submitted . All safety certificates, European CE/USFDA or equivalent standards certification, test reports from Government Approved Laboratory, warrantee and clearances from FDA etc to be submitted. The complete set should be submitted having operational log, maintenance log, break-down log and re-qualification log. The CMC details done earlier should also be brought with user certificates where supplied earlier with complete address, name of person to be contacted with phone.

Schedule no	Name of Department	Estimated Number of Equipment (Under R/C)+/-20% variation
1	LIST & DETAILED TECHNICAL SPECIFICATION of EQUIPMENTS REQUIRED FOR MULTI DISCIPLINARY RESEARCH UNIT (MDRU) AT MGM MEDICAL COLLEGE, INDORE, NSBC Medical College Jabalpur, & SS Medical College Rewa-26 items for each MDRU	As per quantities given below

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	32	Vertical Autoclave	72
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	34	Gel Documentation System	73
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	36	On-line UPS System	74

	37	Single Channel Pipettes	74
	38	Computer with Printer	75
	39	GC MS	75
	40	Bright Field Microscope	80
	41	Table Top Large Volume Refrigerated Centrifuge	81
	42	Animal cage	

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

Schedule-1:

Technical Specification for

List & Detailed Technical Specification of Equipments Required for Department of MDRU

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
1	Table Top Non Refrigerated Centrifuge	<ol style="list-style-type: none"> 1. Table top model with swing out rotor head 16 tubes of 15 ml. glass tubes. 2. Digital speed indicator with 60 min. Count down timer. 3. Speed 10,000rpm & RCF2750 with rotor head. 4. Dynamic breaks, Imbalance detector, cut-off in case of uneven load. 5. Step less speed regulator & safety lid interlock to prevent lid opening during operation. 6. 220-240 volts, 50 Hz. <p>Standard accessories High performances European CE (Conformity European)/US FDA certified</p>	2	2	2	6
2	-20 Degree Freezer	<ul style="list-style-type: none"> • An Upright, Vertical freezer of approx. 350 liters capacity with digital temperature display. • Should work at ambient temperature of 25-40°C ± 5°C. • Door should be lockable. • Appropriate easy to use rust free shelves. • Supplied with appropriate KVA stabilizer (Servo type) with HI-LO Voltage Cut. Should be supplied with suitable UPS for atleast 30 minutes backup. • Freezer must use CFC-FREE, HCFC-FREE non-flammable refrigerants. • Power supply: 230 Volts ± 10% 50 Hz. • With 5 yrs warranty& well established service network. <p>European CE (Conformity European)/US FDA certified digital display, Alarm conditions (higher or lower temperature alarm, sensor malfunction alarm, power off alarm), Double doors design with lock respectively, range -30 to -20 Degree Celsius</p>	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
3	High Performance Liquid Chromatography (HPLC)	<p>Operating Principals : Parallel dual plunger pump, low pressure gradient, number of solvents: up to 4 solvents, Gradient Formation:4 – Channel mixing valve, Composition precession : <0.1, Automatic Operating Flow range: Analytical: 0.01 to 5 or above Flow accuracy: < +/- 1% , Flow Precision : 0.1 or above, RSd at 1 ml/ min, operating pressure: 0- 5000 psi up to 5 ml/ min, Semi auto prime/ purge, safety & maintenance: leak detection, diagnostics, error detection.</p> <p>VACCUM DEGASSER & MIXER Built in Online Vacuum Degasser should be available. Lower Dual Volume instrument will be preferred.</p> <p>PHOTO DIODE ARRAY DETECTOR Slit bandwidth: 1.7 nm (std), No. of Diodes :512 or above, pixel resolution : 1.2nm or less, wavelength : 190 – 700 nm or above, pressure <1500psi ,volume : 13 ul , noise level : < $\pm 2 \times 10^{-5}$ AU (empty cell, 1 sec rise time , 254nm),Linearity Less than 5% , GLP compliance : photometric accuracy , linearity, noise level, drift, system check.</p> <p>HPLC PERFORMANCE KIT Auto sampler 96 standard 2 ml vials (32x 12mm) or well plates (96 or 384 capacity, deep or shallow) can be used. Sample capacity: 2 micro well plates according to SBS standards, Sample capacity: 2 micro well plates according to SBS standards, loop volume: 1 – 5000 ul programmable, 10 ml loop optional, reproducibility: 10 RSD \leq 0.3 % for full loop injections, 2) RSD \leq 0.5 % for partial loopfill injections 3) RSD \leq 1.0 for ul pickup injections carry – over :< 0.05%, RS232 control, cooling option: down to 4 degree centigrade.</p> <p>COLUMN OVEN Temperature range: 4 degree centigrade (cooling) 60 degree or more centigrade, temperature stability: \pm 0.05 degree centigrade, temperature accuracy: \pm 0.5 degree centigrade, column capacity : analytical max 3 of 30 cm column (max OD 18 mm),heat up time : 16 min from 4 degree centigrade to 90 , cool down time :13 min from 90 to 4 degree centigrade .</p>	1	1	1	3

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>Column C-4,C-8 & C-18.</p> <p>FULLY SYSTEM CONTROLLED SOFTWARE Latest Windows Operating software , special license key (USB type), GLP & GMP compliance 21 CRF audit trial & LIMS Compliance , Compliance , multichannel & Multitasking , with leak sensor , ultra speed data processing, simultaneous data acquisition up to 4 system</p> <p>MANDATORY PRE – INSTALLATION REQUIREMENT ULTRA SONIC BATH Capacity : 1.5 L , tank size : 240L x 135B x 65H(mm)</p> <p>Solvent filtration kit Solvent Filtration Assembly glass / SS, Nylon 66 membrane filter, vacuum pump for above model pci – 15. i) Max flow – 15 LPM , Vacuum – 22” Hg(554 mm) , ii) Max pressure – 25 Psig, 1/20 HP</p> <p>Sample Filtration Kit Ø13 mm S. S Filter Holder , Rheodyne needle , 5 ml glass syringe (Indian) , 5 ml gas tight syringe (Indian) , 5 ml gas tight syringe (Imported) Nylon 66 Membrane filter ,Ø 13 mm x 0.2u , (PK of 100 Nos)</p> <p>RECOMMENDED ACCESSORIES Computer system & printer; with latest configuration. UPS (Uninterrupted power supply): minimum 3 KVA or above. Suitable Reagents and columns should be offered for Hb estimation, thalassemia,, sickle cell anemia.</p> <p>FLUORESCENCE DETECTOR:</p>				

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>Ultimate sensitivity of Raman S/N of > 800 with low dispersion 8 µl flow cell ExcitationWavelengthRange: 200-890 nm EmissionWavelengthRange: 210-900 nm Bandwidth: 20nm Accuracy: +/- 3nm Reproducibility: +/- 0.25 nm Variable Emission Units Full Scale 1 - 100,000 MeasurementRange: 0.0001 (at 1 EUFS) to 100,000.0000 EU (at 100,000 EUFS)</p> <p>European CE (Conformity European)/US FDA certified. Optional Item</p> <p>RI Detector</p> <p>Refractive Index Range – 1 to 1.75 RU Measurement Range – 5×10^{-4}RIU/h to 7×10^{-9}RIU Linear Dynamic Range – 5% Noise – 1.5×10^{-9} RIU/h mode Drift – 2×10^{-7} RIU/h Refractive Index Range – 1 to 1.75 RU. Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer. The make, rating,model, description, specifications, price, quantity of each item shall be furnished separately.</p>				
4	Microfuge	<p>Max g-force 25,000 rcf, Speed 17000 rpm, Capacity 30 x 1.5/2.0 mL tubes, Number of rotors 5, Capacity for 1.5 mL tubes 30, Refrigeration Yes, Temperature control range -9°C to 40°C, Acceleration time to max speed ≤13 s (in FA-45-30-11), Braking time from max speed ≤12 s (in FA-45-30-11), Acceleration/Brake speed settings 2, Timer 30 s to 99 min, with cont. mode, Noise level <54 dB(A), Dimensions (W x D x H) 12.2 x 23.6 x 9.5 in / 31 x 60 x 25 cm, Height with lid open 21.1 in / 53.5 cm, Weight 77 lb / 35 kg, lid/door safety and auto locking, suitable for high precision molecular biology work</p>	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
5	Electronic Weighing Balance	<ul style="list-style-type: none"> • Weighing Capacity 200 gms. • Readability 0.001 g • Repeatability $\leq \pm 0.001$ g • Linearity $\leq \pm 0.002$ g • Pan Size approx. 100 mm • Response Time ≤ 4 Sec. • Allowable ambient operating Temperature upto 50°C • Multifunction Weighing units • Overload Protection Design • External protective cover. • Auto zero tracking • Low Battery Indicator • Auto Calibration with External Weight • Easy to read LCD Display with backlight • Stainless Steel Pan, Level indicator, Adjustable Fit • Built in rechargeable battery for continuous use for atleast 10 - 15 hrs. • AC Power source / requirement: suitable AC adapter, 230 \pm 10% Volts 50 Hz. <p>European CE (Conformity European)/US FDA certified.</p>	1	1	1	3
6	Vortex Mixer with cup head	<ul style="list-style-type: none"> • Variable speed, analog control that allows low rpm start-up for gentle shaking or high-speed mixing for vigorous vortexing of samples • Two modes of operation: continuous mode when using accessory attachments or touch mode which activates mixing when depressing the cup head. • Mixer should includes both cup head and 3 in. head with cover • Speed Range: 300-2500rpm • Controls: 3-way power switch • Speed knob: Variable 1 to 10 dial marks • Electrical supply : 230V, 50/60Hz • With 3 yrs warranty & well established service network. 	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		European CE (Conformity European)/ US FDA certified.				
7	Hot Air Oven-	<ul style="list-style-type: none"> • Should be operated on 230V+/- 10%, 50Hz single phase AC supply. • Should be made of double walled chamber -Inner made of stainless steel SS 304 grade and powder coated outer surface. • Supplied with 2 or 3 removable shelves. Shelves are made of polished SS Sheet or Anodized Aluminium. • It is fitted with heavy hinges with a ball catcher, spring loaded door closing device. Door is duly insulated. • The gap between the walls is filled up with special grade glass wool for proper insulation to avoid heat losses. • Temperature is controlled from 50°C to 250°C ± 1°C. Temperature control knob is graduated in centigrade degrees. • Should provide with three heating elements on three sides of the equipment for uniform temperature on all shelves. • Should be provided with air circulating fan. • Should provide with a variable microprocessor based digital temperature controller with digital display and thermometer should be provided separate. • Should have a minimum chamber size of (L*B*H) 450*450*450 mm with 2 or 3 stainless steel trays with holes. • Should provide with air ventilations. • Heating elements are made of high grade imported nichrome wire which are insulated inside the porcelain beads. • Control Panel: – The equipment is provided with a panel having a thermostat control knob. ON/OFF switch, two pilot indication lights and provision for fixing the TIMER. • With 3 yrs warranty & well established service network. <p>European CE (Conformity European)/US FDA certified.</p>	1	1	1	3
8	Water Purification System (milli pore with pre	Type II water/standard, productivity 101/H, Water quality 1-15 mo-cm. Filter Type Pretreatment, Reverse Osmosis Ion Exchange, feed water requirement PH: 3-10, TDS: lower than 500ppm, temp:4-350c, Pressure;1-5kg/ cm2,Turbidity:1.0 NTU, Environment. PE Tank 35 LSuperior imported Quality PE Tank suitable for the above unit with Complete	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
	purification and softerner)	Housing & Tubing Tank Capicity 35 litre, Tank sensor assembly.				
9	Microwave Tissue Processor	<p>Complete with: 110 or 180 Cassette Rack; Three (3) Processing Modules (1 Reagent, 1 vacuum, 1 Paraffin); Three (3) Tray Carriers / Positioning Plates; One (1) Multi-Function Process Lid; Integrated Windows Touch screen Control Module; Integrated vacuum System Up to 120 specimens per hour Should be complete in respect of:-</p> <ul style="list-style-type: none"> • Load station • Microwave station • Vacuum station • Unload station <p>Continuous loading and unloading should be possible. Processing time ranging from 60 to 120 min Temperature ranges:-</p> <ul style="list-style-type: none"> • Microwave stations $61^{\circ}\text{C} \pm 2^{\circ}\text{C}$ • Vacuum Stations $65^{\circ}\text{C} \pm 2^{\circ}\text{C}$ <p>LCD Display with touch screen Complete software for manual and auto starts, should be able to do standard or extended programs. Reagent management system with counter for cassette</p>	1	1	1	3
10	Automatic Tissue Process	<ol style="list-style-type: none"> 1. Fully automatic tissue processor with capacity of 200 cassettes per run. 2. LCD display with 4 lines, Digital programming up to 9 programme. All controls should be operated by feather touch keys. 3. Should have 12 heated stations with (3 wax baths) with cover. 4. 2 litre jars with fume hood with continuous agitation with facility of swirling motion clockwise and anti clockwise at the end of cycle 5. Programmable 12 stage timing sequence for each stage for duration 1 min to 9 hrs, in steps 	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		of one minute.				
11	Rotator Microtome	<ol style="list-style-type: none"> 1. Manual Rotary microtome with knife holder and specimen holder and all accessories. 2. With imported heavy duty knives 200 & 240 mm 3. Range of thickness 0.5 um to 60um, increment 1um to 10um 4. Horizontal advance of specimen 30mm and vertical stroke 60mm. 5. Universal knife holder base for different knives along with disposable knife holder with safety finger protection guard. 6. Maximum specimen Size 50x60x40mm. 7. Section thickness adjustable between : 0.5 – 60 µm 8. Section thickness selection <ul style="list-style-type: none"> - From 0.5 to 1 µm in 0.5 µm increment - From 1 to 20 µm in 1 µm increment - From 20 to 60 µm in 5 µm increment 	1	1	1	3
12	Fluorescent Microscope	<ul style="list-style-type: none"> • The optical system should be of color correction for infinity with antifungal coating. • Sturdy stand of anti rust material with built-in power supply for 12 V, 100 W Halogen Lamp with input voltage from 90-250V, 50Hz. • Should provide a comfortable user sit in position for reducing user stress. • Transmitted light filters for day light, green and neutral; density filters built-in the basic stand. • 6 position objective nose-pieces. • 3 position Trinocular head with 10X22 m FOV eyepieces dipole displacement (+5 to -5) upper eyes lid (pair) intra with inter papillary distance of at least 50 – 70 mm adjustable to accommodate observer height. • Co-axial coarse and fine focusing on rack and pinion. Tension adjustment control provided. • Ultra hard Ceramic stage. • Preset button for automatic light intensity level for photomicrography. • LED display for intensity level. • Universal turret type swing-out condenser for bright field, dark field, phase contrast studies with N.A. 0.9 - 1.25 • 12. Objectives: 	1	1	1	3

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>Infinity plan apochromatic 2/2.5x Infinity plan apochromatic 4x NA 0.10WD 18.5 mm Infinity plan apochromatic Phase 10x NA 0.25 WD 10.6 mm Infinity Plan apochromatic Phase 20x NA 0.40 WD 1.2 mm Infinity plan apochromatic phase 40x NA 0.75 WD 0.51mm Infinity plan apochromatic phase 100x oil NA 1.30 WD 0.13 – 0.2 mm One extra lens according to the need.</p> <ul style="list-style-type: none"> • Epi fluorescence illumination system and 100 W mercury illuminations, filter blocks for UV, blue and green excitation. The system should have filter blocks on a turret. • Polarizer and • • for transmitted light. • Computer requirement: PC workstation with Core i5 processor CPU, 19" & above LCD/TFT Monitor, 500 GB HDD, DVD Read/Write, 2GB RAM. Key board, Mouse. • All consumables required for installation and standardization of system to be given free of cost. • One additional mercury halogen lamp. • The unit shall be capable of being stored continuously in ambient temperature of upto 50deg C and relative humidity of 15-90% • Power input to be 230 +/- 10% V AC, 50Hz fitted with Indian plug • UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up. • European CE (Conformity European)/US FDA certified. • Certified to be compliant with Electrical Safety Standard for Medical Equipments- IEC-60601-1-1 OR equivalent BIS OR international standard for electrical safety. • User/Technical/Maintenance manuals to be supplied in English. • Calibration certificate from an accredited calibration laboratory. • List of Equipments available for providing calibration and routine preventive Maintenance Support. • 3 years comprehensive warranty & well established service network AMC/CMC rates for next 5 years to be provided separately along with rates of fluorescent microscope. 				

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<ul style="list-style-type: none"> ➤ Digital Camera ➤ Fire wire digital camera with the following features: Recent model with 7 mega pixels CCD camera with appropriate lens system mounted. ➤ Image analysis: system for capture, morphometry, thresh holding (grey level profiling) and analysis, annotation, etc. 				
13	Real-Time PCR System with Data Station-	<p>Specifications:</p> <ol style="list-style-type: none"> 1. Real time PCR system should be a high end compact system with 96 well Peltier block. 2. Flexible system for developing chemistries like SYBR Green I and Probe based assays. 3. System should have 5 or more than 5 excitation & emission filters 4. The system should be designed for in-vitro diagnostic (CE-IVD) and also for in house applications 5. The system should use high intensity LED lamp/Halogen/Xenon as an Excitation source and CCD camera for accurate fluorescent detection. The system should enable addition of new dyes and filters in future without any calibrations. 6. The system optics should detect all kind of dyes commercially available like, SYBR Green, Fluorescein, FAM, HEX, VIC, JOE, TAMRA etc. 7. Only licensed and authorized Real Time PCR platform should be supplied along with licensing rights for software applications including melting curve analysis for genotyping, Simple probe and Hybridization probe analysis. 8. Should provide the compatible Pentium Desktop PC data workstation for all type of real time applications. 9. Essential accessories for Real Time PCR system should be supplied along with. 	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>10. The system should offer some of the common cancer assays like KRAS, BRAF and EGFR mutation tests. These tests should be IVD & DCGI approved</p> <p>11. The tests should be able to reliably detect mutations in cell lines and clinical FFPE specimens at > 5% mutation levels</p> <p>12. Instrument Manufacturer and Kit manufacturer should be the same.</p> <p>13. System should be upgradable to fully automation.</p> <p>14. Manufacturer should have direct presence in India and should provide service and scientific support from the direct company personals only.</p> <p>15. System should be provided with an appropriate strength online UPS.</p> <p>Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer. The make, rating, model, description, specifications, price, quantity of each item shall be furnished separately.</p>				
14	Gel electrophoresis & documentation unit-	<p>1) Gel imaging system to visualize i) Stained protein gels (coomassie, silver, UV light-excited fluorescent stains) and ii) Stained nucleic acid gels (ethidium bromide and other UV light-excited fluorescent stains).</p> <p>2) Compact benchtop instrument</p> <p>3) With UV and visible light trans illumination, motorized zoom lens; Trans illumination and epi-illumination.</p> <p>4) Camera- high speed USB technology for faster image capture and download Auto focus configuration.</p> <p>5) Auto exposure setting for optimum image exposure time.</p> <p>6) CCD resolution- 5 megapixel or more</p> <p>7) Excitation source- Trans-UV, 254, 365nm; Wide trans illumination area;</p> <p>8) Provided with PC, Software compatibility: Windows</p> <p>Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer. The make, rating, model, description, specifications, price, quantity of each item shall be furnished separately.</p>	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
15	Bio Safety Cabinet	<ul style="list-style-type: none"> • Modular construction, combining aesthetic appeal with functional utility and efficiency designed to meet class 100 (II-B) requirements and per US Federal Standard 209 E, with in work zone. • Ideal for Microbiological manipulations, work with bioassays sterility testing & research work, vial filling etc. provides a comfortable 'sit down' working position for the operators. • Construction :- Full body including top made us of S.S., complete with transparent front door, static pressure, inclined manometer, built in UV germicidal light, cock for gas, air or vacuum line. • side panels of thick transparent plexiglass . • Air flow and Filtration :- Laminar Flow principle involves double filtration of air. Atmospheric air is drawn through highly effective HEPA (High Efficiency Particular Air) filters having efficiency rating as high as 99.99% with hot DOP, thus retaining airborne particles of size 0.3 micron and larger. Double filtered air blows in laminar flow through the work tail at designed velocity of 90 ft. min.± 20%. • Blower Motor Assembly :- duly balanced, direct drive motor blower units sized to provide adequate air flow volume over the entire surface of HEPA filter. Fitted with reputed make motor and operates with minimum noise level i.e. lower than 65 db scale and Vibration less than 2.5 um. • Lighting: - work area properly illuminated by diffused, glare free fluorescent light providing 800 LUX. • Power Requirement: - 230 V. 1 phase, 50 Hz, ac supply. Working Area 4'x2'x2' Size of HEPA filter 4'x2'x2' No. of HEPA filter 1 No. of Pre filter 2 Illumination 2x20W • Product must be CE marked. • Recessed knee space should be provided. • Manufacturer must be ISO certified 	1	1	1	3
16	pH Meter	<ul style="list-style-type: none"> • Portable digital system is required 	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<ul style="list-style-type: none"> pH range should be 0-14 Milli volt range should be 0-1999+/- mv Resolution 0.01 pH Repeatability +/- 0.01pH +/- 1 digit Standardization range +/- 2 pH Temp. compensation 0-100 degree C Display 4 digit LED with automatic polarity Polarizing current 10 micro ampere Weight approx 2 kg Accessories to be supplied –part of glass and reference electrodes, electrode holder All consumables required for installation and standardization of system to be given free of cost. System should be quoted with complete accessories and probes to make it functional as per technical specifications Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility. or should comply with 89/366/EEC; EMC-directive. The unit shall be capable of being stored continuously in ambient temperature of 0 -50deg C and relative humidity of 15-90% Should work on 220-240V AC as well as rechargeable batteries. Mains adaptor to be supplied European CE (Conformity European)/ US FDA certified. Should comply with IEC 61010-1 Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Calibration certificate from an accredited calibration laboratory. 20 List of Equipments available for providing calibration and routine Preventive Maintenance Support as per manufacturer documentation in service/technical manual. With 3 yrs warranty & well established service network.. 				
17	Digital Analytical Balance (Single Pan)	<ul style="list-style-type: none"> Capacity : 200 grams & above Minimum Display : 0.1 mg Linearity : ± 0.002 grams 	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<ul style="list-style-type: none"> • Reproducibility : ± 0.1 milligrams • Pan Size: approx 80 mm dia. • Features- counting tar (0-200 grams) auto calibration with built in masses • The balance should be supplied with graft shield. • Power supply : 220/240 volts, 59 cycles, single phase • The balance should be supplied with graft shield. • The equipment should be suitable for 0 to 40 deg C at 95% ambient condition • Complete technical specifications, illustrative technical literature/leaflet etc. shall be enclosed along with the offer indicating the model quoted. • Completed and satisfactory type test certificate as per T/E specification shall be submitted at the time of final inspection. 				
18	Micropipette	<ul style="list-style-type: none"> • Number of Channels - 8 • Range - 5-50 μl • Increment - $\leq 0.1 \mu$l • Accuracy - $\geq 95\%$ • Ideal for molecular biology techniques • Tip holder and tip ejector fully autoclavable to avoid cross contamination. • Light volume adjustment. • Light pipetting action. • Soft touch tip ejection. • Antimicrobial surface coating. • Advanced volume gearing mechanism for great accuracy and precision. • Large easy to read display • Durable handle material • Super blow-out for effective delivery of microsize drops. • The eight channels are calibrated to simultaneously dispense exactly the same amount of liquid. 	8	8	8	24

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<ul style="list-style-type: none"> Calibration certificate from an accredited calibration laboratory European CE (Conformity European)/US FDA certified. 				
19	Cryostat	220V, 50/60 Hz with disinfection system and motorized. Microtome Rotary microtome Section thickness setting 1 - 60 µm Vertical stroke 59 mm Maximum specimen size 55 x 55 mm Specimen orientation 8° (x-, y-, z-Achse) Electric coarse feed Slow 0.2 mm/s Rapid 0.7 mm/s Range Maximum: 28 Sections per minute Minimum: 2 sections per minute Refrigeration system- 0 to -35c, quick freeze shelf max temp -40c Automatic hot gas defrosting Quick freeze stations 10 or more Cryobar Temperature -50 ⁰ C minimum (Cryo + Section) Sectioning Speed	1	1	1	3
20	3 Part Hematology Analyzer	<ul style="list-style-type: none"> Fully automatic hematology analyzer with lab computer and built in printer / external printer Parameters: RBC, Hb, WBC, Hct and platelets Sample size 30-40 uL with automatic cleaning internal and external Complete cycle time – auto start, 120 seconds approx Run 60 seconds Daily shutdown 120 seconds Data display with printing facility LCD / LED terminal with printing facility Power supply 220 / 240 V, 50 cycles, single phase, with inbuilt FIE safety against high 	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>voltage</p> <ul style="list-style-type: none"> • Equipment with standard accessories, reagents for at least 3000 blood samples and online voltage corrector of appropriate rating as per standard configuration • Line voltage copper wound single phase automatic line voltage corrector conforming to IS:9815/89 with latest amendment fitted with a voltmeter and switch to indicate output / input voltage as under capacity rating (KVA) as per requirement of the equipment. • Input voltage 160-260 V, 50 cycles • Output voltage 220-240 V adjustable • The equipment should be supplied with 2 meter cord at input and fitted with plug of appropriate rating (15 A) • Make of line voltage corrector shall be indicated • Manufacturer shall submit the manufacturer's test certificate of each LVC as per BIS to be supplied along with the equipment. However type test certificate for one number of LVC of conducting trials at the time of inspection, installation, commissioning and trial run will be the responsibility of the supplier. <p>Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer. The make, rating, model, description, specifications, price, quantity of each item shall be furnished separately.</p>				
	Elisa Reader-deleted Elisa Washer deleted	Already under process of RC, hence deleted.	2	2	2	6
21	Microwave-	CONVENIENCE FEATURES	0	00	01	01

S.No.	Item Name	Specifications		Revised	Jabalpur	Indore	Quantity Required
		Racks & Trays Available	Low Rack, High Rack				
		Child Lock	Yes				
		GENERAL					
		Type	Convection				
		Capacity	21 L				
		Control Type	Touch Key Pad (Membrane)				
		Frequency	2450 MHz				

S.No.	Item Name	Specifications	Reva	Jabalpur	Indore	Quantity Required
		<p>PERFORMANCE FEATURES</p> <p>Power Levels 5</p> <p>BODY AND DESIGN FEATURES</p> <p>Turntable Yes</p> <p>\</p> <p>Cavity Material Stainless Steel</p>				

S.No.	Item Name	Specifications	Reva	Jabalpur	Indore	Quantity Required
		<div data-bbox="465 288 1693 628" style="background-color: #e0e0e0; padding: 10px; margin-bottom: 5px;">FEATURES</div> <div data-bbox="465 628 1693 655" style="border-top: 1px dotted black; border-bottom: 1px dotted black; padding: 5px 0 5px 20px;">Cooking Modes</div> <div data-bbox="465 655 1693 890" style="border-top: 1px dotted black; border-bottom: 1px dotted black; padding: 5px 0 5px 20px;">Cooking Completion Indicator</div> <div data-bbox="465 890 1693 1302" style="border-top: 1px dotted black; padding: 5px 0 5px 20px;">Other Cooking Features</div>				
		Combination, Solo, Grill, Convection				
		Yes				
		Health Plus: 8, Soup: 9, Chatpat Corner: 9, Continental Menu: 6, Indian Cuisine: 15, Cake: 5, Sweets Corner: 10, Utility Corner: 6, Childs Favourite: 8, Combination Cooking, Healthy and Tasty Cooking				

S.No.	Item Name	Specifications		Revised	Jabalpur	Indore	Quantity Required
		Auto Cook Menu	76				
		DIMENSIONS					
		Turntable Diameter	24.5 cm				
		Height	28.5 cm				
		Width	47.5 cm				
		Depth	46 cm				

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required										
		<p>POWER FEATURES</p> <table border="1"> <tr> <td>Power Consumption - Convection</td> <td>1860 W</td> </tr> <tr> <td>Power Consumption - Grill</td> <td>1150 W</td> </tr> <tr> <td>Power Output</td> <td>800 W</td> </tr> <tr> <td>Other Power Features</td> <td>Input Combination Maximum: 2400 W</td> </tr> </table> <p>ADDITIONAL FEATURES</p> <table border="1"> <tr> <td>Other Featur</td> <td>Power Convection, Next Step Guide, Fan at Back</td> </tr> </table>	Power Consumption - Convection	1860 W	Power Consumption - Grill	1150 W	Power Output	800 W	Other Power Features	Input Combination Maximum: 2400 W	Other Featur	Power Convection, Next Step Guide, Fan at Back				
Power Consumption - Convection	1860 W															
Power Consumption - Grill	1150 W															
Power Output	800 W															
Other Power Features	Input Combination Maximum: 2400 W															
Other Featur	Power Convection, Next Step Guide, Fan at Back															
22	Table Top	For working with heat sensitive material. The control panel is a separate unit compact and	2	2	2	6										

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required																											
	Refrigerated Centrifuge	<p>incorporating self illuminated start stop switches, dynamic brake, step less speed regulator with zero start switch digital speed meter timer and digital temperature controller indicator.</p> <p>TECHNICAL DATA</p> <table border="1" data-bbox="465 400 1693 746"> <tr> <td>Max Speed</td> <td>Rpm</td> <td>15000 or more</td> </tr> <tr> <td>Max Ref</td> <td>G</td> <td>7400</td> </tr> <tr> <td>Max Tube Size</td> <td>ml</td> <td>200</td> </tr> <tr> <td>Max Capacity</td> <td>ml</td> <td>1200 or higher</td> </tr> <tr> <td>Width</td> <td>mm</td> <td>890 or more</td> </tr> <tr> <td>Depth</td> <td>mm</td> <td>620 or more</td> </tr> <tr> <td>Height</td> <td>mm</td> <td>625 or more</td> </tr> <tr> <td>Lowest Temp</td> <td>°C</td> <td>-8</td> </tr> <tr> <td>Connected Load</td> <td>KVA</td> <td>1.6</td> </tr> </table> <p>Supply 230 Volts Single Phase 50Hz. AC The product must be CE marked</p>	Max Speed	Rpm	15000 or more	Max Ref	G	7400	Max Tube Size	ml	200	Max Capacity	ml	1200 or higher	Width	mm	890 or more	Depth	mm	620 or more	Height	mm	625 or more	Lowest Temp	°C	-8	Connected Load	KVA	1.6				
Max Speed	Rpm	15000 or more																															
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Connected Load	KVA	1.6																															

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required																												
23	Ultra Centrifuge	<table border="1"> <tr> <td>Maximum RPM</td> <td>20000 rpm</td> </tr> <tr> <td>Maximum RCF</td> <td>254,345 x g</td> </tr> <tr> <td>Maximum Capacity</td> <td>6 x 250 ml</td> </tr> <tr> <td>Speed Preset & Display</td> <td>1 rpm</td> </tr> <tr> <td>Temperature Range</td> <td>-20c to +40c</td> </tr> <tr> <td>Timer</td> <td>9 hrs 59 min & hold for free run</td> </tr> <tr> <td>Acceleration Time</td> <td>10 setting</td> </tr> <tr> <td>Deceleration Time</td> <td>10 setting</td> </tr> <tr> <td>Programmability</td> <td>20 memory</td> </tr> <tr> <td>Rotor Recognition</td> <td>10 rotors</td> </tr> <tr> <td>Rotor Radius Set Range</td> <td>0.1 mm to max. radius</td> </tr> <tr> <td>Digital Display</td> <td>RPM,RCF,time,temperature,temp limit, program,2 accel/decal time, rotor number, rotor radius, self test</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table>	Maximum RPM	20000 rpm	Maximum RCF	254,345 x g	Maximum Capacity	6 x 250 ml	Speed Preset & Display	1 rpm	Temperature Range	-20c to +40c	Timer	9 hrs 59 min & hold for free run	Acceleration Time	10 setting	Deceleration Time	10 setting	Programmability	20 memory	Rotor Recognition	10 rotors	Rotor Radius Set Range	0.1 mm to max. radius	Digital Display	RPM,RCF,time,temperature,temp limit, program,2 accel/decal time, rotor number, rotor radius, self test					1	1	1	3
Maximum RPM	20000 rpm																																	
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24	Binocular	1. 2.Optical system: Universal infinity corrected optical system, anti fungus.	2	2	2	6																												

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
	Light Microscope	3.Nosepiece: Revolving nosepiece 4.Coarse/fine focusing knob 5.Stage: Mechanical fixed stage (120 x 132 mm) with specimen holder 6.Eyepiece tube: binocular tube (30 degree inclination and 48 – 75 mm IPD) 7.Condenser: Abbe condenser with objective guide marking position. Factory fitted. Numerical Aperture: 1.25. 8.Eyepiece lens: 10x (anti-fungus), factory-fitted 9.Objectives: <ol style="list-style-type: none"> Plan Achromat 4x Plan Achromat 10x Plan Achromat 40x Plan Achromat 100x 9. Image correction upto infinity 10. Illumination: Halogen bulb source Voltage: 100 – 240 Volts AC				
25	5-Part Hematology Analyser	1. Fully Automatic and compact hematology analyzer, 5-part differentiation of WBC. 2. Open vial sampling mode requiring maximum 20ul blood. 3. 23 + 4 parameters including RDW-SD. 4. Throughput: at least 60 samples/hour 5. At least 4 quality control programs and 60 files storage 6. Storage Capacity: 40,000 samples with data and graph 7. Technology: Laser scatter, Flow cytometry, Impedance. 8. Should have facility to analyse CBC, CBC + Diff mode. 9. Fully customized report formats including microscopic exam results 10. Automatic diluent dispensing for capillary samples. 11. Should have syringe based measurement technology. 12. Linearity range Performance WBC: 0 - 99.99 x 10 ⁹ /L RBC: 0 - 8.00 x 10 ¹² /L HGB: 0-250 g/L HCT: 0 - 67% PLT: 0 - 1000	1	1	1	3

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>13. Reproducibility performance WBC: $\leq 2.0\%$ RBC: $\leq 1.5\%$ HGB: $\leq 1.5\%$ MCV: $\leq 1.0\%$ PLT: $\leq 4.0\%$</p> <p>14. There must be PC operation of the instrument. Complete with comprehensive set of spare parts and a suitable capacity voltage stabilizer. The make, rating, model, description, specifications, price, quantity of each item shall be furnished separately.</p>				
26	Auto Analyzer for Tumor Marker or equivalent	<ol style="list-style-type: none"> 1. System should be Fully Automated Random Immunoassay Analyzer with continuous loading & STAT facility. 2. Principle of Measurement : Top to Top Fluorescent Enzyme Immunoassay 3. System should have a standard reaction time of 10 minutes for all the parameters with results being reported in not more than 18 minutes. 4. System throughput should not be approx 30 tests per hour or more 5. System should be capable of working on the concept of single unit test with facility to run even a single test. 6. System should be able to perform Thyroid Hormone assay, Reproductive Hormone Assay, Tumor/ Cancer marker, Anaemia assay (Vitamin B-12, Folate, RBC-Folate) Cardiac Markers, Allergy Marker, Diabetic Marker(HBA1C , Insulin, C-Peptide) Metabolic Marker etc. 7. System should be able to access primary sample tubes and sample cups with bar code facility for samples. 8. Should be able to detect clots and have automatic level sensing. 9. Calibration stability should be more than 80 days for all the parameters. 10. Reagents should be of single unit tests of not more than 20 tests per pack. 11. System should have automatic daily maintenance. 12. Should have simple user interface and inbuilt thermal printer with facility for an external printer, with bidirectional interface for host computer and RS 232 interface. 		1		1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		13. System should have on boarding monitoring of all reagents and waste. System should be CE certified and reagents should be FDA/CE approved.				
27	Water Bath	Capacity 6L Temperature range Ambient +5°C to 99.9°C Temperature stability +/- 0.5C Internal dimensions (w x d x h),mm 300 x150 x 200 Overall dimensions (w x d x h), mm 335 x 230 x 280 Net Weight, kg 6.5kg Heater Power 500W Electrical supply 230V, 50Hz, 500W Electrical supply 230V, 50Hz IP Rating 31		1		1
28	Laboratory refrigerator	Capacity 95 litres Temperature setting app. +2 °C to +20 °C Shelves 2 Voltage 220 – 240 V, 50/60 Hz Power draft 150 Watts Average consumption 0,42 kWh/24 h Overall dimensions (incl. distance from wall) w x d x h = 54 x 53,5 x 82 cm Interior dimensions w x d x h = 44 x 43 x 47 cm (usable depth 5 cm, width 2 cm less) Overall dim. with door open at 90° w x d = 54 x 105,5 cm Shelf dimensions 43,8 cm x 36 cm Max. load per drawer/shelf 13 kg/25 kg Weight net 42 kg, gross 50 kg		1		1
29	Incubator	1. Capacity: 120 L 2. Interior chamber: Stainless steel for easy cleaning and decontamination 3. Timer: 1 min. to 100 hrs and hold position 4. Minimum turbulence and no cross contamination 5. Adjustable safety thermostat for temp setting at 1 deg C increment		1		1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>6. Temp Accuracy +/- 0.5°C of required temperature, with inbuilt Temperature Sensor</p> <p>7. Internal glass door for the observation</p> <p>8. With minimum two adjustable shelves</p> <p>9. Audiovisual Alarm to Indicate when temperature deviates more than 1 degree C from set point and when Program or time has finished. Alarm may be muted.</p> <p>10. Peltier heating with continuous air circulation and Heating by natural / forced convection for homogenous temperature distribution</p> <p>11. Temperature range: + 20 degree C to 80 degree C</p> <p>12. There should be a Membrane Keypad with LCD/ LED to set and display operating parameters, current status, running time and alarm conditions for time and temperature.</p> <p>13. Interior lighting facilities, insulated door fitted with heavy hinges handle locking, mechanical door lock.</p> <p>B) Power Supply:</p> <p>1. Power input to be 220-240 VAC, 50 Hz fitted with Indian plug</p> <p>2. Should be CE or FDA or BIS approved product.</p>				
30	Laminar Air Flow (Already in process in Blood Bank Tender-if finalised to be deleted)	<p>Certification: EN12469 OR equivalent</p> <p>Design: Vertical laminar flow cabinet</p> <p>Approximately 4 Feet length X 2 feet depth, 304SS interior, epoxy/powder coated</p>	0	1	0	1

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>exterior Door fully closing with hinged sash. Support stand, solid one piece dished work surfaces</p> <p>Circulation: Down flow velocity of 40-70 fpm, ISO Class 5 or higher air</p> <p>Filters: HEPA filter, (99.99% efficient on particles 0.3 micron)/ULPA filter (efficiency of >99.999% at 0.1 to 0.3 micron sizes) provided with pre-filter)</p> <p>Light: UV and sufficient illumination for work space</p> <p>Gauges: For monitoring the condition of all HEPA filters as well as work space.</p> <p>Power Supply: Should include 210-240V/50-60 Hz</p>				
31	Vertical	Fully automatic vertical autoclave, suitable for sterilization under working steam	0	1	0	1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
	Autoclave	<p>pressure up to 15 PSI or more and temperature of 121^oC or more.</p> <p>Design: Unit made of SS 304 chamber, approx inner dimensions 16'' to 25'' (diameter x depth). Lid made of heavy gauge lid, die pressed S.S.304 with pressure gauge, steam release valve & necessary Safety valves, with foot lifting arrangement to open lid, programmable, with all functional accessories.</p> <p>Capacity: 70 to 80 lit</p> <p>Display: Time and temperature LCD display</p> <p>Alarm: Low water level alarm and cut off / Sensor open alarm</p> <p>Accessories: Perforated carriers made up of SS 304 (3-4 Nos.)</p> <p>Power 220/230 volts AC-50 Hz or Suitable power supply</p>				
32	PCR Workstation	<p>Size about 2' X 3'</p> <p>Construction-Powder coated/ epoxy-coated SS. Work surface-Good quality Stainless steel</p> <p>Lighting system- A built-in ultraviolet light for decontamination of consumables and equipment and fluorescent light for working</p> <p>Vertical laminar flow</p> <p>Filters-combines an ISO 5 (FS209E) Class 100 clean air environment. 99.99%-efficient HEPA filter and disposable prefilter</p> <p>Alarms – monitors the effectiveness of the workstation and alerts the operator if the HEPA filter or UV</p>		1		1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>bulb needs replacement.</p> <p>folding sash turns off the UV light and activates the blower and fluorescent light</p> <p>Power supply: should include 220 V/50 Hz</p> <p>Optional – utility ports</p>				
	Gel Documentation System	<u>Same as Item No. 14 hence deleted</u>		1		1
33	-80°C Vertical Ultra low freezer	<p>Galvanized steel sheet body with epoxy paint and vacuumed polyurethane foam panels, outer double door with locking facility.</p> <p>Alarm for audible & visual fault acknowledgement, low & high temperature audio visual alarms, condenser fault alarm, remote contact alarm, open door alarm, clean filter Indicator and power failure alarm. Castor wheels & levelling adjustor should be provided for adjustment and installation.</p> <p>Capacity : Approx. 650-700Lt</p> <p>Refrigerant : CFC free & HCFC free</p> <p>Cooling system – Cascade cooling system</p> <p>Doors: Triple silicon section seal, Fitted with decompression valve facility to lower air pressure inside</p> <p>the freezer for easy door opening.</p> <p>Inner Compartment: Minimum 3 compartments with doors</p> <p>Temperature: Range -55 to -80°C, Stability +/-1°C , uniformity+/-3°C</p> <p>Additional Accessories: SS Racks and cardboard boxes</p> <p>Power Supply: 210-240V/50-60 Hz</p>		1		1
34	On-line UPS System	<p>Capacity: 15KVA, 3 phase in, 3 phase out/ 15KVA, 3 phase in, 1phase out SMF</p> <p>Battery details: 12V/65AH, with all accessories and battery trolley Back-up: minimum 60 minutes</p> <p>Quality: ISO 9001, ISO14001, RoHS / WEEE compliant</p> <p>Service warranty comprehensive for 5 years.</p>		1		1
35	Single Channel Pipettes	<p><input type="checkbox"/> Spring Loaded Tip Cone for connecting tips very tightly</p> <p><input type="checkbox"/> Adjustment opening for adjusting pipettes to a specific liquid and volume.</p>	0	1	0	1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<input type="checkbox"/> Control Button with very low operating force, Color indication for pipette volume. <input type="checkbox"/> Tip ejector with very low operating force, positioned for perfect ergonomics. <input type="checkbox"/> Volume Display: 4 Digits with magnifier. <input type="checkbox"/> To provide thermal, mechanical and chemical stability piston should manufactured with the combination of Fortron and PEEK material <input type="checkbox"/> Very easy removable lower part for cleaning pipette <input type="checkbox"/> Fully Autoclavable <input type="checkbox"/> No discoloration upon UV irradiation <input type="checkbox"/> 2 Years Warranty Volume range 0,1 – 2,5 µl, 0,5 – 10 µl, 2– 20 µl, 10 – 100 µl, 20 – 200 µl, 30 – 300 µl, 100 – 1,000 µl, 500 – 5,000 µl, 1000 – 10,000 µl				
36	Computer with Printer	(i) Desktop PC : Factory assembled from reputed companies with Intel Core i5 or AMD Phenom II processors, 4GB DDR3 RAM, 1 TB SATA HDD, DVD writer, Wi-Fi, Bluetooth, LAN, Front USB ports, 20 inch or more TFT monitor, Genuine Windows 7 (Starter or Home Basic) complete with necessary peripherals, manufacturer's warranty, 600 VA UPS and additional Genuine Microsoft Office 7 student version and anti-virus single user version. (ii) Netbook : with Intel Atom processor, 6 cell battery, Wi-Fi, Bluetooth, pouch, Genuine Windows 7 (starter or Home Basic) and additional one each external DVD writer, 500GB external HDD, one USB scroll mouse (iii) Printer : Multifunction Laser printer with USB connect for print & copy at 18ppm, scan with resolution 1200 dpi, scan to e-mail, file or application capability (iv) Computer table with steel frame and glazed top, multilevel	0	1	0	1
37	GC MS	Intuitive user interface, enhanced user interface with large size of LCD (5.7"), Touch screen + Button improved accuracy, precision and safety of oven temperature control, Improved Temperature accuracy: +-0.1 ⁰ C (Isothermal), +- 0.1 ⁰ C (Radiant) enhanced oven safety: Protection from wrong operation by shutting off Over Heating< Oven program : SteP 24/25, Cooling Option: Cryogenic Control N2 :- 80 ⁰ C~450 ⁰ C, CO2 :- 80 ⁰ C~450 ⁰ C Maximum number of inlet and detector, Maximum number of inlet : 3Maximum number of detector : 3, applied fast		1		1

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>communication with GC controller, Ethernet communication, Improved Valve control, Applied electronic actuator, Applied sequence mode through Multi-Position valve control, Heating block: 10 heating blocks (Basic), 1 for Oven, 3 for inlet, 3 for detector 3 for etc.</p> <p>Gas Chromatograph GC Mainframe :</p> <p>Capacity 14L, Operating temperature : amb ~450⁰C Cryogenic N2 :-80⁰C ~450⁰C, CO2: 80⁰C ~450⁰C Max heating ratye 100⁰C/min Cool down rate : 5.0min (450⁰C to 50⁰C), Program step : 24step/25status Temperature set point : 1⁰C , Temperature stability : +- 0.01⁰C (Isothermal). +- 0.1⁰C (Gradient) Max Run time : 9,999min, post run Run Start (Repetition Function) : 999times</p> <p>Capillary Inlet</p> <p>Split/Split less, Temperature range :~ 450⁰C Total Flow Range: N2 “0~400⁰ml/min He: 0~100ml/min, pressure stability <+-0.05psi Split less time set point : 0.01min, Total Flow Stability <+-0.05ml/min Pressure stability <+-0.05psi, Temperature set point : 1⁰C Temperature stability <+- 0.1⁰C</p> <p>APC (Advanced Pneumatic Control) Upgrade:</p> <p>Improved precision of pressure set point < 0.01psi and flow rate applied detection system for ambient temperature and atmospheric pressure</p> <p>Designed dust proof and short flow line of APC Block</p> <p>Designed to minimize a temperature change by the oven temperature change</p> <p>Enhanced safety and convenience of user by applied leak detection</p> <p>Flame Loniztion Detector</p> <p>450⁰C Maximum operating temperature</p> <p>Automatic flame ignition from the keyboard and Automatography Data System</p> <p>Automatic FID ignition at mixing rate of 30:100 (Air:H2)</p> <p>MDL : 3.2pg carbon/sec as dodecane using N2 carrier</p> <p>Linear dynamic range : <+-10% over 1X107 with N2 Carrier and 0.4572 mm jet individual Amplifier for FID</p> <p>Features of MS</p>				

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>Ion source is made of an inert metal minimal adsorption Two filaments Extremely High sensitivity Detection system with off-axis 10 kV dynode and electron multiplier Operation Modes : Scane, SIM simultaneous Scan and SIM Tune Modes: Automatic and Manual Vacuum Gauges : Convectron and Ion gauge (Optional) Integrated Leak Test, Air/Water test Start Delay Possibility for increasing filaments life Glass window for observing filament operation</p> <p>Specifications of MS Ion Source : EI (CI-option) Mass Range : 1-1200 with unit mass resolution Resolution : 0.7amu Electron Energy: Adjustable from 0eV to 240 eV Emission Currency : 500 uA max Max Scan Rate : 20000 a.m.u./s Mass stability : +- 0.1a.m.u/48h Dwell time : From 0.00005 to 300s Ion Source Temperature : up to 350⁰ C Transfer Line Temperature : up to 400⁰C Scan Mode : Full Segment, Selected Ions mode combined Turbo pump 240L/sec (66 or 300L/sec as option) Sensitivity (EI): Single-to-Noise ratio 1500:1 and more (1ul of 1pg/uL OFN, SIM) Instrument Detection Limit (IDL): < 10fg (Eight sequential splitless injection, 100 fg OFN, m/z272) Power supply : 220V+- 10%, 50/60Hz Power consumption 900 W max Dimensions: 35X 65 X 50cm Data communication : Ethernet</p>				

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>Compatibility of GC Model: Gas Chromatograph Software : Clarity software</p> <p>Computers using software this enables the offline evaluation of chromatograms development of new methods and printing reports</p> <p>20) GCMS module is available for controlling and tuning GC/MS</p> <p>21) NIST Library software is available (option) NIST/EPA/NIH 2014 edition contains 276,248 El spectra for 242,466 compounds with 242,463 Chemical structures 387,463 Retention indices of 82,868 compound 45298 MS/MS precursors</p> <p>22) 21 CFR Part 11 Clarity Satisfies with the requirement of the 21 CFR Part 11 directive of the FDA</p> <p>23) Operating windows Microsoft windows 2000 XP, Vista 7 &8</p> <p>Accessories and others</p> <ol style="list-style-type: none"> 1) Foreline Pump 2) Spare parts kit for GC/MS includes filaments washers column measuring tool nut tubing fuses cables, Wrenches, Standard Tuning Solution and others <p>Column Innovax 30m X 0.25mm X 0.25u</p> <p>Software GCMS Data System</p> <ol style="list-style-type: none"> 1. Full control of GC/MS 2. Measuring Simultaneous data acquisition form up to four independent chromatographs, each chromatograph can acquire data form up to 12 detectors 3. Integration : there is extensive possibility to modify chromatograms. The chromatogram can be changed by entering global parameters or interactively, through direct graphic modification of the baseline 4. Overlay : Simultaneously displays a virtually unlimited number of chromatograms and their mathematical modification for example mutual deduction or derivations of any other 5. Calibration : Internal and external standard calculation methods, calibration of groups of 				

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>peaks and reference peaks method for better identification</p> <ol style="list-style-type: none"> 6. Automated measuring support Sequence tables for any set of samples with or without an autosampler 7. Postrun : Automatically displays, prints, exports and starts other programs after the completion of a measurements 8. Summary result tables : Displays and prints selected result from all simultaneously displayed chromatograms 9. User settings : user selects parameters for peak display and the specification for axes including color form an extensive array of color settings. Text tables and lines either as part of the area or anchored to a chromatogram, may also be inserted 10. Export: optional exportation of all result with or without the chromatogram in various formats into a file or clipboard 11. Import: Imports chromatograms or mathematical curves, which have been saved in text or AIA formats from other programs 12. Method and calibration history : Each cromatogram can easily be displayed under the same caonditions as when it was printed exported or saved. 13. Column performance: Calculations of peaks in terms of symmetry , efficiency, resolution all by several methods (tangent, moments, etc) 14. Batch automatically batch processes displays exports or prints any number of chromatogrames. 15. User calculation: Users can define custom calculations in the result and summay tables. Using the interated editor you can create your own columns form original colomns and individual mathoemtical functions. 16. User accounts: Sets up access rights and passwords (Including their parameters e.g. minimum length validity, etc) each user can define his or her own station appearance. 17. Audit trail records selected events and operations into a social file. Records selected operations directly into a chromatogram. 18. Elocronic signature: each chromatogram can be signed electronically; signature secelction is based on the username or the signature certificate. 19. Networked solution: clarity chromatography station filed can be accessed from networked computers using clarity software. This enables the offline evaluations of 				

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>chromatograms developments of new methods and printing reports.</p> <p>20. GC MS module is available for controlling and tuning GC/MS</p> <p>21. NIST Library software is available (option) NIST/EPA/NIH 2014 edition contains 276, 248 EI spectra for 242, 466 compound with 242,463 chemical structures, 387, 463 Retention Indices of 82,868 Compounds 45298 MS/MS precursors</p> <p>22. 21 CFR Part 11: Clarity Satisfies with the requirements of the 21 CFR Part Directive of the FDA</p> <p>23. Operating Windows : Microsoft windows 2000 XP Vista 7 and 8</p> <p>Accessories and Others</p> <ol style="list-style-type: none"> 1. Fore line pump 2. Spare parts kind ofr GC/MS includes filaments, washers, Column Measuring tool, nut tubing fuses, cables, wrenches, standard tuning solution and others <p>Column – Innovax 30 mx 0.25mm x 0.25u</p>				
38	Bright Field Microscope	<ol style="list-style-type: none"> 1. NOSEPIECE :Quadruple revolving nosepiece 2. A WINDOW IN THE ARM SECTION 3. OPTICAL SYSTEM UIS2 (UNIVERSAL INFINITY SYSTEM) OPTICAL SYSTEM 4. EYE PIECE HIGH EYE POINT 10X WIDEFIELD EYE PIECES : 10X, F. N 20mm (Anti fungus) 5. Hard anti-reflection coated lenses Colour Compensating eyepieces Eyepieces are colour compensating type at all magnification which ensures true colour of observed images enabling accurate diagnosis 6. Objectives infinity plan achromatic antifungal objectives 4X(N.A. 0.1 W.D. 18.5mm) 10X(N.A. 0.25, W.D. 10.6 mm) 40X Spring (N.A. 0.65,W.D. 0.6mm)& 100Xspring Oil (N.A. 1.25 W.D. 0.13mm)Supplied with 8 cc immersion oil. 7. Interchangeability 		1		1

S.No.	Item Name	Specifications	Revised	Jabalpur	Indore	Quantity Required
		<p>The Objectives are interchangeable & can be mounted in any sequence or location on the quadruple revolving nose Piece without effecting their parfocality & Centering.</p> <p>8. Stage : Stage size 120 X 132 mm Travelling Range 76 X30 mm Co-Axial Low Drive Mechanical Stage (Right Hand)</p> <p>9. Abrasion Resistant Coating: Hard abrasion resistant coating on stage.</p> <p>10. Racklessstage: For durability case of use</p> <p>11. Mechanical Stage focus lock Prevents mishaps</p> <p>12. Illumination system built –In Transmitted Illumination System 6V 20W Halogen Bulb SMPS Circuit for Constant Voltage output 100-240 V50/60 Hz Universal Voltage Optimization of Illumination with aspheric lenses</p> <p>13. The Aspheric (Parabolic)Lenses in condenser & Light Relay System Sub Stage Condenser Abbe condenser N.A. 1.25 with Aperture iris diaphragm, Vertical adjustment range 10mm</p> <p>14. Binocular Observation Head Siedentopf observation binocular Head (30 Degree inclined)for individual choice of adjustment Bright & Even Illumination of Light Binocular Eyepiece Tube should consist of a special multilayer coated beam splitter prism to ensure maximum.</p> <p>15. Focusing Knob Coaxial Coarse & Fine focusing Knobs</p> <p>16. Anti Fungus Treatments : Exclusive Antifungus Treatments:</p> <p>17. Lead Free and Arsenic-free Eco-glass for optics such as lenses and prisms</p> <p>18. Should have CE certification</p> <p>19. Should have ISO certification</p> <p>20. Final evaluation would be made after demonstration.</p>				

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		21. Order copies from Reputed medical Colleges 22. List of Services centres Satisfactory Order copies from the medical colleges				
39	Table Top Large Volume Refrigerated Centrifuge	<p>Maximum Speed : 14000 RPM Maximum RCF : 21,800g Temperature Range : -9⁰ C to +40⁰ C Display : Digital for Speed Temperature and time Timer : 0-99 min and hold mode Power : 220 V 50 Hz</p> <p>Other Features</p> <ul style="list-style-type: none"> * Invitro Diagnostic Certification * At set rpm” for even more reproducible results (Timer starts when set speed is reached) * Setting of RPM/RCF, Time and Temperature * Frequency controlled induction drive system * Automatic rotor recognition * Acceleration and deceleration ramp * Short spin & lid lock * Values can be change during centrifugation * Fast temperature function for rapid cooling of the centrifuge chamber * imbalance cut-out <p>Rotors</p> <p>Fixed angle</p> <p>1. Capacity : 30x1.5/2ml Maximum Speed : 14000 RPM RCF : 21800 xg Adaptors for 0.5mlm 0.2ml PCR Tubes</p> <p>2. Capacity : 6x85ml</p>		1		1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		<p>Maximum Speed : 12000 RPM RCF : 18500 g Adaptors for 15mlm 50ml Tubes</p> <p>Swinging Bucket for Tubes and Micro Titer Plates Capacity : 4x250ml</p>				
40	Animal cage	<p>Mice Cage Mice cage available in polypropylene/ polycarbonate material with stainless steel top grill with flap cover.</p> <p>Polypropylene MC 02, 29 x 22 x 14 (L x B x H) cms (Feeding bottle shown is not a part of the product)</p> <p>Rat Cage Rat cage available in polypropylene/ polycarbonate material with stainless steel top grill with flap cover.</p> <p>Polypropylene 43 x 27 x 15 (L x B x H) cms (Feeding bottle shown is not a part of the product)</p> <p>Mice Cage Holding Rack Hanging Type Rack System as per G. L. P Standard Used to hold different nos. Of plastic mice cages (29x22x14cms) in properly stacked manner. Construction</p> <p>S. s. 304 Rust free nos magnetic long lasting with friction free strong castor Wheels with break Cage Size Arrangement To Hold 24 cages 6 Rows x 4 each To Hold 25 cages 5 Rows x5 each To Hold 30 cages 6 Rows x 5 each</p>		1		1

S.No.	Item Name	Specifications	Rewa	Jabalpur	Indore	Quantity Required
		To Hold 42 cages 6 Rows x 7 each				

Note:-All Equipment should be European CE/US FDA certified

Section – VIII Bidder Information Form

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

Tender Reference No.:

Date of opening :

Time :

Name and address of the Bidder:

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

01 Name of the manufacturer

- a. Name of authorised signatory
- b. full postal address
- c. full address of the manufacturing premises
- d. telegraphic address
- e. telephone number
- f. E-mail & fax number

02 **Expertise of Organization:**

- Organization structure (e.g. service provider, wholesaler, trader, manufacturer)
- Years of company experience

- Areas of expertise of organization
- Current Licenses if any, and Permits (with dates, numbers and expiration dates)
- Health Authority Registration Information
- Production Capacity

03 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 turn-over (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 Quality Management System

08 Test certificate held

- a International Quality Management System (QMS)
- b type test
- c BIS/ISO certification
- d Compliance to US FDA 21 CFR
- e Compliance to IEC60601

08 Details of staff

- a. technical
- b. skilled
- c. unskilled

09. **Financial data of the organization**

- Audited financial statement for the last three years
- Bank name and address

10. **Client Reference List:**

- Please provide references such as customer details, tel. nos. etc.

Name of client/customer:	Name/model of equipment supplied	Qty. installed	Contact person name, telephone and e-mail Id.
1.			
2.			
3.			

11. **Contact details of persons Government Medical College may contact for requests for clarification during bid evaluation:**

- Name/Surname:
- Tel Number (direct):Landline and Mobile no.
- Email address (direct):

(Enclosed earlier in this tender)

PS: This person must be available during the next two weeks following receipt of bid

Signature and seal of the Bidder

Section – IX

Qualification Criteria

- a. The Bidder should be (i) a Manufacturer in India or (ii) Indian subsidiary of foreign manufacturer or (iii) Importer of foreign manufacturer
 - b. The Bidder should meet the following criteria:
 - i. It should have service support facilities in India with qualified and trained engineers / technicians, spare parts, testing & calibration equipment etc. for providing installation, after-sales support during warranty/ CMC period.
 - ii. In case, bidder is an Indian Manufacturer or Indian Subsidiary of foreign manufacturer, it should have supplied and installed in last three years from the date of tender opening, at least 100% similar equipment meeting major parameters of technical specifications, anywhere in India and which is functioning satisfactory.
 - iii. In case, bidder is an authorized importer of a foreign manufacturer, it should have supplied and installed **at least 50% tendered quantity of quoted model** in last three years from the date of tender opening, anywhere in India of the same manufacturer and which is functioning satisfactory.
1. In support of b.(i), the Bidder shall furnish details of service support facilities in india, including addresses of such service support facilities, brief profile of engineers / technicians, list of spare parts, testing & calibration equipment etc. currently available.
 2. In support of b.(ii) and (iii), the Bidder shall furnish Performance statement in the enclosed Proforma ‘A’, which shall include Satisfactory Performance Certificate issued by respective Purchasers / users of such equipments in respect of supplies made.
 3. The Bidder 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 Bidder shall also furnish details of Equipment and Quality Control in the enclosed Section VIII.
 4. Notwithstanding anything stated above, the Tender Inviting Authority reserves the right to assess the Bidder’s capability and capacity to perform the contract satisfactorily before deciding on award of Contract, should circumstances warrant such an assessment in the overall interest of the Tender Inviting Authority.
 5. The Tender Inviting Authority reserves the right to ask for a free demonstration of the quoted equipment at a pre determined place acceptable to the Tender Inviting Authority 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 three years)

Tender Reference No. : _____

Date of opening : _____

Time : _____

Name and address of the Bidder : _____

Name and address of the manufacturer : _____

Order placed by (full address, tel.& e-mail of Tender Inviting Authority/Ordering Authority)	Order number and date	Description and quantity of ordered goods and services	Order Quantity	Make / Model	Value of order (Rs.) to be indicated	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	9	10

Note: All columns must be filled as this would be seen during evaluation

Signature and seal of the Bidder

**The documentary proof will be a certificate (as detailed in the format) 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 to be false or incorrect, the earnest money furnished will be forfeited

- a. For supplies made to public sector units in India, an affidavit that the performance statement given is correct
- b. However in case of supplies to private sector units, an affidavit confirming that the performance statement is correct along with
 - i. Copy of Purchase orders
 - ii. Copy of Invoices
 - iii. Proof of payment received from Purchasers
 - iv. Documentary evidence (Client certificate) in support of satisfactory completion of orders.

Section – X TENDER FORM

Date _____

To,
Managing Director,
Madhya Pradesh Pubic Health Services Corporation Limited
1st Floor OILFED BUIDLING,ARERA HILLS
Bhopal – 462 011 Madhya Pradesh

Ref. Your Tender Ref. No. _____ dated _____

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 goods as per table below and in conformity with your above referred document for the amount as mentioned in our price bid which has been submitted online:

Schedule No.	Brief Description of Goods and Make & Model	Country of Origin	Quantity (Nos.)

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 and also accepts all conditions of the tender document.

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 Bidders” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid 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

Signature with date,

(Name and designation) Duly authorised to sign tender for and on behalf of

SECTION – XI (A) PRICE SCHEDULE (to be filled on line only)
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 (Rs.)							Total Price (at Consignee Site) basis (Rs.) 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 and shall be as per Section – XI (B).

Name _____

Business Address _____

Place: _____

Date: _____

Signature of Bidder _____

Seal of the Bidder _____

SECTION – XI (B) PRICE SCHEDULE
PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT (CMC) AFTER WARRANTY PERIOD (To be filled online only)

1	2	3	4			5	6
Schedule	Brief Description of Goods	Quantity (Nos.)	Annual Comprehensive Maintenance Contract Cost for each year after completion of warranty period (inclusive of all taxes)			Total Annual Comprehensive Maintenance Contract Cost for each unit for three years	Annual Comprehensive Maintenance Contract Cost for total units for three years (3 x 5)
			Year-1	Year-2	Year-3	(a)+(b)+(c)	
			(a)	(b)	(c)		

Place: _____

Date: _____

Name _____

Business Address _____

Signature of Bidder _____

Seal of the Bidder _____

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Section – XII
MANUFACTURER’S AUTHORISATION FORM

To,
Managing Director
Madhya Pradesh Public Health Services Corporation Limited
1st Floor, OILFED BUIDLING, ARERA HILLS
Bhopal – 462 011 Madhya Pradesh

Dear Sirs,

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 authorise 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 also state that we are not participating directly in this Tender for the following reasons:

_____ (*please provide reason(s) here*)

We further confirm that no supplier or firm or individual other than Messrs. _____ (*name and address of the above agent*) is authorised to submit a 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.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized dealer / distributor.

We also confirm that the price quoted by our dealer / distributor shall not exceed the price which we would have quoted directly.

Yours faithfully,

[Signature with date, name and designation]

for and on behalf of Messrs _____

[Name & address of the manufacturers]

- Note: 1. This letter of authorisation 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 – XIII

BANK GUARANTEE FORM FOR EMD

Whereas _____ (hereinafter called the “Bidder”) has submitted its quotation dated _____ for the supply of _____ (hereinafter called the “tender”) against the Tender Inviting Authority’s tender enquiry No. _____ Know all persons by these presents that we _____ of _____ (Hereinafter called the “Bank”) having our registered office at _____ are bound unto _____ (hereinafter called the “Tender Inviting Authority) in the sum of _____ for which payment will and truly to be made to the said Tender Inviting Authority, 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 Bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the Bidder having been notified of the acceptance of his tender by the Tender Inviting Authority 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 Tender Inviting Authority up to the above amount upon receipt of its first written demand, without the Tender Inviting Authority having to substantiate its demand, provided that in its demand the Tender Inviting Authority 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 180 days after due date of opening of techno-commercial bids and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorised officer of the Bank)

Name and designation of the officer

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

SECTION – XIV

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

To

Managing Director,
Madhya Pradesh Pubic Health Services Corporation Limited
1st Floor,MP OILFED BUILDING , Arera Hills,
Bhopal – 462 011 Madhya Pradesh

WHEREAS _____ (Name and address of the supplier) (Hereinafter called “the supplier”) has undertaken, in pursuance of contract no. _____ dated _____ to supply (description of goods and services) (herein after 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 recognised 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 _____ months from the date of Notification of Award i.e. up to ----- (indicate date)

.....

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

.....

Name and designation of the officer

.....

.....

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

**SECTION – XV
CONTRACT FORM - A**

**CONTRACT FORM FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING INCLUDING WARRANTY SERVICES
OF GOODS**

Contract No: _____

dated: _____

This is in continuation to this office's Notification of Award No _____ dated _____

1. Name & address of the Supplier: _____
2. Tender Inviting Authority's TE document No _____ dated _____ and subsequent Amendment No _____, dated _____ (if any), issued by the Tender Inviting Authority
3. Supplier's Tender No _____ dated _____ and subsequent communication(s) No _____ dated _____ (if any), exchanged between the supplier and the Tender Inviting Authority 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) Bidder Information Form;
- (vi) Tender Form furnished by the supplier;
- (vii) Price Schedule(s) furnished by the supplier in its tender;
- (viii) Manufacturers' Authorisation Form (if applicable for this tender);
- (ix) Tender Inviting Authority'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 Bidders' of the Tender Inviting Authority's TE document shall also apply to this contract.

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:

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

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

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

2. Delivery schedule

(iii) Details of Performance Security

(iv) Quality Control

(a) Mode(s), stage(s) and place(s) of conducting inspections and tests.

(b) Designation and address of Tender Inviting Authority's inspecting officer

(v) Destination and despatch instructions

(vi) Consignee, including port consignee, if any

3. Warranty clause

4. Payment terms

5. Paying authority

**(Signature, name and address
of the Tender Inviting Authority's authorised official)**
For and on behalf of _____

Received and accepted this contract

(Signature, name and address of the supplier's executive
duly authorised 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 – XV
CONTRACT FORM – B
CONTRACT FORM FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT

Annual CM Contract No. _____ dated _____
 Between _____

(Address of Head of Hospital/Institute/Medical College)
 And _____

(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)

a) In continuation to the above referred contract, the Contract of Annual Comprehensive Maintenance is hereby concluded as under: -

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 3 Years [3 x 4]
			1 st	2 nd	3 rd	
			(a)	(b)	(c)	

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 7 years as contained in the above referred contract on yearly basis for complete equipment.
- d) There will be 96% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with financial penalty and 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 4 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 Rs. _____ [(fill amount) equivalent to 2.5 % of the cost of 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 Tender Inviting Authority/Ordering Authority.
- 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 Rs. _____ (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:** _____ (name of the authorised official of Tender Inviting Authority / Ordering Authority)

**(Signature, name and address
of Tender Inviting Authority's authorised official)**
For and on behalf of _____

Received and accepted this contract

(Signature, name and address of the supplier's executive
duly authorised 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
CONSIGNEE RECEIPT CERTIFICATE

(To be given by consignee's authorized representative or by duly authorised person of Ordering Authority/TIA)

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 – XVII
Proforma of Final Acceptance Certificate by the Consignee

No. _____

Date _____

To

M/s _____

Subject: Certificate of commissioning of equipment/plant.

01. 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: _____

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

Sl. No.	Description of Item	Quantity	Amount to be recovered
---------	---------------------	----------	------------------------

-
- a. The proving test has been done to our entire satisfaction and operators have been trained to operate the equipment(s)/plant(s).
 - b. The supplier has successfully demonstrated the working of the equipment.
 - c. The supplier has provided training to the operating staff
 - d. The supplier has also provided Standard operating Procedure for operational guidelines, precautions, limitations including preliminary maintenance instructions
 - e. The supplier has fulfilled its contractual obligations satisfactorily ##

OR

- d. The supplier has failed to fulfil its contractual obligations with regard to the following:
 - a. He has not adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specifications'.
 - b. 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 Tender Inviting Authority/Ordering Authority in respect of the installation of the equipment(s)/plant(s).
 - c. The supplier, as specified in the contract, has not done training of personnel.

Signature

Name

Designation with stamp

Explanatory notes for filling up the certificate:

- a. He has adhered to the time schedule specified in the contract in dispatching the documents/drawings pursuant to 'Technical Specification'.**
- b. 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 Tender Inviting Authority/Ordering Authority in respect of the installation of the equipment(s)/plant(s).**
- c. Training of personnel has been done by the supplier as specified in the contract**
- d. 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 – XVIII
CHECK LIST FOR THE BIDDERS

Name of Bidder:

Name of Manufacturer/Indian Subsidiary/Direct Importer –As applicable:

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 schedule(s)?			
b.	EMD furnished in the form of Bank Guarantee, has it been furnished as per Section XIII?			
c.	Bank Guarantee furnished is validity for up to 180 days from Techno Commercial Tender Opening date as per clause 19 of GIT?			
2. a.	Have you enclosed duly filled Tender Form as per format in Section X?			
b.	Have you enclosed Power of Attorney in favour of the signatory?			
3. a.	Have you enclosed clause-by-clause technical compliance statement for the quoted goods vis-à-vis the Technical specifications?			

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
b.	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
c.	Have you uploaded quoted equipment catalogue/brochure indicating equipment's technical specifications?			
4. a.	Have you submitted satisfactory performance certificate as per the Proforma for performance statement in Sec. IX of Tender Document with last three year details in respect of all orders?			
b.	Have you submitted copy of the order(s) and end user certificate?			
6.	Have you kept validity of 120 days from the Techno Commercial Tender Opening date as per the TE document?			
7.	Have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?			
8.	Have you intimated the name and full address of your Banker (s) along with your Account Number			

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
9.	Have you fully accepted payment terms as per TE document?			
10.	Have you fully accepted delivery period as per TE document?			
11	Have you accepted conditions stipulated in GCC Clause 15?			
12.	Have you submitted the certificate of incorporation?			
13.	Have you accepted the warranty and CMC as per TE document?			
14.	Have you accepted terms and conditions of TE document?			
15.	Have you furnished documents establishing your eligibility & qualification criteria as per Tender Documents?			
16.	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening?			
17.	Have you submitted Bidder Information Form details along with turnover and production capacity of manufacturer?			

Sl No.	Activity	Yes/ No/ NA	Page No. in the TE document	Remarks
18	Have you provided standard specifications of all consumables in sufficient details to run the machine as per clause GCC 12.1 (a)?			

N.B.

1. All pages of the Tender should be page numbered and indexed.
2. The Bidder 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. If any column is not applicable, it may be filled up as NA.
2. 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 authorised sign on behalf of the Bidder)

For and on behalf of

(Name, address and stamp of the tendering firm)