

ONLINE GLOBAL TENDER
FOR PROCUREMENT OF MAJOR
EQUIPMENT'S AND SEMI MAJOR
EQUIPMENT'S FOR NATIONAL TOBACCO
TESTING LABORATORIES (NTTLS)

Tender No: CMSS/PROC/2025-26/NTTLS/022
(Global Tender Enquiry)

CENTRAL MEDICAL SERVICES SOCIETY
(An Autonomous Society under Ministry of Health & Family Welfare, Govt. of India)
2nd Floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Marg, Teen Murti Marg,
Chankayapuri, New Delhi-110021
Phone: 011-21410905, 21410906
Website: www.cmss.gov.in, email- dgceocmss@cmss.gov.in, gmproc1@cmss.gov.in,
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NOTICE INVITING E-TENDER (E-PROCUREMENT)

Tender No- CMSS/PROC/2025-26/NTTLS/022, Dated 7th October 2025

1. The Central Medical Services Society, an autonomous body under Ministry of Health and Family welfare, Government of India, invites online tenders in prescribed format on CPP Portal, from eligible and qualified tenderers for supply of following goods for NTTLS:

Schedule No.	Name of Item	Quantity to be procured	Unit of Measurement	EMD for 100% qty. (in Rs.)
I	HPLC-with Photodiode Array (PDA) Fluorescence detector (FLD), and refractive Index detector	3	Nos.	770421.00
II	GC-MS/MS	3		2145000.00
III	LC-MS/MS	3		4820672.00
IV	ICP-MS with microwave digestion system	3		1716000.00
V	Spectro fluorophotometer	1		127129.00
VI	FTIR with ATR Arrangement	1		77388.00

2. Tender timelines are as under:

Sr. No.	Description	Scheduled date
(a)	Availability of tender documents on CPP portal for download	07.10.2025
(b)	Last date and time for receipt of pre-bid queries, if any	15.10.2025 till 05:00 PM
(c)	Pre-bid meeting date, time and venue	15.10.2025 at 11:00 AM Venue- Conference Hall, CMSS HQ New Delhi
(d)	Last date and time for bid submission	18.11.2025 at 03:00 PM
(e)	Last date and time for submission of original documents	18.11.2025 at 04:00 PM
(f)	Date and time for tender opening (technical bid)	19.11.2025 at 04:00 PM

3. Further details of the NIT along with the terms and conditions, tender document, other specification and Corrigendum (if any) can be published and downloaded from CPPP website

DG&CEO

SECTION II: INSTRUCTIONS TO BIDDERS (ITB)

1. Scope of Bid	<p>1.1 Scope of Bid</p> <p>Purchaser as defined in Bid Data Sheet invites bid for supply of goods as stipulated in “Schedule of Requirement” conforming to specification as indicated in the “Technical Specification and Quality Assurance” and as per terms and conditions as indicated in GCC (General Condition of contract) read with SCC (Special Condition of Contract). The Bids should be submitted as per instruction given below and in the prescribed bidding forms.</p> <p>1.2 Interpretations, Definitions, Abbreviations and Document Conventions</p> <p>General Conditions of Contract (GCC), details Tenets of interpretation (GCC-clause 1.1), Definitions (GCC-clause 1.2), Document conventions (GCC-clause 1.3) and Abbreviations (GCC-clause 1.4), which shall also apply to the rest of the Tender Document.</p>
2. Procuring Entity - Rights and Disclaimers	<p>2.1 The Procuring Entity</p> <p>Bids are to be addressed to the DG & CEO CMSS, complete details given in Bid Data Sheet, herein after called the Tender Inviting Authority. The Tender Inviting Authority is the designated officer for uploading and clarifying this Tender Document. The contract may designate, as required, Inspection Agency/ Officer and interim/ ultimate Consignee(s) and Paying authority who shall discharge designated function during contract execution.</p> <p>2.2 Right to Intellectual Property and confidentiality:</p> <p>1. The Tender Document and associated correspondence are subject to copyright laws and shall always remain the property of the Procuring Entity and must not be shared with third parties or reproduced, whether in whole or part, without the Procuring Entity’s prior written consent.</p> <p>2. However, Bidders may share these to prepare and submit its bid with its employees, subcontractor(s), or holding Company. Bidders shall obtain from them an undertaking of confidentiality similar to that imposed on Bidder under this clause.</p> <p>3. This condition shall also apply to bidders who do not submit a bid after downloading it or who are not awarded a contract in the process.</p> <p>4. The obligation of the Bidders under sub-clauses above, however, shall not apply to information that:</p> <p style="padding-left: 40px;">i. now or hereafter is or enters the public domain through no fault of Bidder;</p>

	<p>ii. is legally possessed by Bidder at the relevant time and was not previously obtained, directly or indirectly, from the Procuring Entity; or</p> <p>iii. otherwise lawfully becomes available to Bidder from a third party that has no obligation of confidentiality.</p> <p>5. The provisions of this clause shall survive completion or termination for whatever reason of the Tender Process or the contract.</p> <p>2.3 2.3 Right to reject any or all Bids</p> <p>The Procuring Entity reserves its right to accept or reject any or all Bids, abandon/ cancel the Tender process, and issue another tender for the same or similar Goods at any time before the award of the contract. It would have no liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for such action(s).</p> <p>2.4 Disclaimers</p> <p>2.4.1 Regarding Purpose of the Tender Document</p> <p>The Tender Document is neither an agreement nor an offer to prospective Bidder(s) or any other party hereunder. The purpose of the Tender Document is to provide the Bidder(s) with information to assist them in participation in this Tender Process.</p> <p>2.4.2 Regarding Documents/ guidelines</p> <p>The Tender Document, ensuing communications, and Contracts shall determine the legal and commercial relationship between the bidders/ contractors and the Procuring Entity. No other Government or Procuring Entity's document/ guidelines/ Manuals including its Procurement Manual (for internal and official use of its officers), notwithstanding any mention thereof in the Tender Document, shall have any locus-standii in such a relationship. Therefore, such documents/ guidelines/ Manuals shall not be admissible in any legal or dispute resolution or grievance redressal proceedings.</p> <p>2.4.3 Regarding Information Provided</p> <p>Information contained in the Tender Document or subsequently provided to the Bidder(s) is on the terms and conditions set out in the Tender Document or subject to which that was provided. Similar terms apply to information provided verbally or in documentary or any other form, directly or indirectly, by the Procuring Entity or any of its employees or associated agencies.</p> <p>2.4.4 Regarding Tender Document:</p> <p>1. The Tender Document does not purport to contain all the information Bidder(s) may require. It may not address the needs of</p>
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	<p>all Bidders. They should conduct due diligence, investigation, and analysis, check the information's accuracy, reliability, and completeness, and obtain independent advice from appropriate sources. Information provided in the Tender Document to the Bidder(s) is on a wide range of matters, some of which may depend upon interpreting the law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Procuring Entity, its employees and other associated agencies accept no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.</p> <p>2. The Procuring Entity, its employees and other associated agencies make no representation or warranty for the accuracy, adequacy, correctness, completeness or reliability, assessment, assumption, statement, or information in the Tender Document. They have no legal liability, whether resulting from negligence or otherwise, for any loss, damages, cost, or expense that may arise from/ incurred/ suffered howsoever caused to any person, including any Bidder, on such account.</p>
<p>3. Eligibility and Qualification Criteria for Participation in this Tender</p>	<p>3.1 Bidder</p> <p>Subject to provisions in this Tender Document, participation in this Tender Process is open to all bidders who fulfill the eligibility criteria detailed in this bid document. Bidder should meet (as on the date of his bid submission and should continue to meet till the award of the contract) the 'Eligibility Criteria' detailed in this bid document. Bidder shall submit a declaration about the 'Eligibility Criteria' compliance in Form 1.2 – Eligibility Declarations.</p> <p>3.2 Eligibility of bidders from specified countries</p> <p>Entities having beneficial ownership in land border sharing countries, as defined in Department of Expenditure Order No. F.7/10/2021-PPD dated 23.02.2023, as amended from time to time, shall be eligible to bid only if they are registered with competent authority in accordance with the provisions of the Order.</p> <p>3.3 Conflict of Interest - Any bidder having a conflict of interest, which substantially affects fair competition, shall not be eligible to bid in this tender. Bids found to have a conflict of interest shall be rejected as nonresponsive. Bidder shall be required to declare the absence of such conflict of interest in Form 1.2 - Eligibility Declarations. A bidder in this Tender Process shall be considered to have a conflict of interest if the bidder:</p>

	<ol style="list-style-type: none"> 1. directly or indirectly controls, is controlled by or is under common control with another Bidder; or 2. receives or have received any direct or indirect subsidy/ financial stake from another bidder; or 3. has the same legal representative as another bidder for purposes of this bid; or 4. has a relationship with another bidder, directly or through common third parties, that puts it in a position to have access to information about or influence the bid of another Bidder or influence the decisions of the Procuring Entity regarding this Tender process; or 5. Participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of a non-bidder firm as a sub-contractor in more than one bid; or 6. would be providing goods, works, or non-consulting services resulting from or directly related to consulting services that it provided (or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm), for the procurement planning (inter-alia preparation of feasibility/ cost estimates/ Detailed Project Report (DPR), design/ technical specifications, terms of reference (ToR) / Activity Schedule/ schedule of requirements or the Tender Document etc) of this Tender process; or 7. has a close business or family relationship with a staff of the Procuring Organization who: (i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Tender Process, and/or the evaluation of bids; or (ii) would be involved in the implementation or supervision of resulting Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tender process and execution of the Contract. <p>3.4 Eligibility of Distributors/ Agents/ Resellers – Unless otherwise stipulated in Bid Data Sheet, only manufacturers of the quoted items are authorized to participate in this bid. Distributors/ Agents/ Resellers are not eligible to bid</p>
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	<p>3.5 Eligibility of Class-I/ Class-II/ Non-local Suppliers - As detailed in Bid Data Sheet.</p> <ol style="list-style-type: none"> 1. Minimum local content requirement for bidder's classification as Class-I/ Class-II local Suppliers shall be as detailed in Bid Data Sheet. The 'Class-I local Supplier'/ 'Class-II local Supplier' at the time of tender, bidding, or solicitation are required to indicate the percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local Supplier'/ 'Class-II local Supplier' as the case may be. In cases of procurement for a tender value above Rs. 10 crores, the 'Class-I local Supplier'/ 'Class-II local Supplier' shall be required to provide a certificate, in the prescribed format, from the statutory auditor of the company (in the case of companies) or a practicing cost accountant or practicing chartered accountant (in respect of Contractors other than companies) giving the percentage of local content. Bids with false declarations regarding Local contents shall be rejected as responsive, in addition to punitive actions under the MII orders and for violating the Code of Integrity as per the Tender Document. Failure to comply with declared local content shall attract penalty as prescribed in GCC 10.1.7 <p>3.6 Eligibility of non-MSE entities (MSE means Micro and Small Enterprises) - As detailed in Bid Data Sheet.</p> <p>3.7 Debarred/ black listed bidders – In accordance with DoE guidelines vide OM No F.1/20/2018/PPD dt. 02.11.2021, the bidder should not be debarred, in general or for the goods tendered, by CMSS, MoH&FW and DoE on the date of tender opening and on the date of award of contract. Aforesaid debarred bidders are not eligible to bid.</p> <p>3.8 Qualification Criteria – Only the bidders, who meet the qualification criteria as detailed in Section IV of the bid document shall be considered for award of contract. Bidders are required to submit supporting documents, as indicated in Section IV “Qualification Criteria”.</p>
<p>4. Purchase Preference Policies of the Government</p>	<p>4.1 Support to local manufacturers</p> <p>Policies of the Government to support local manufacturers shall apply to this procurement. Accordingly, the provisions of Public Procurement (Preference to Make in India) Order 2017 dated 19.07.2024, as amended</p>

from time to time, shall apply to this procurement. In accordance with aforesaid provisions:

1. If the nodal Ministry has notified the item as having sufficient local capacity and competition, and to be procured exclusively from Class-I local suppliers, under Para 3(a) of PPP-MII Order, only Class-I local suppliers shall be eligible to submit a bid and be considered.
2. If the item is not reserved for procurement exclusively from Class-I local suppliers and if Class-II/ Non-local suppliers are also eligible to participate in the tender, as per ITB 3.5, purchase preference shall be given to Class-I local suppliers over Class-II/ Non-local suppliers provided its quoted rates fall within 20% margin of purchase preference, in accordance with PPP-MII Order dated 19.07.2024.

The 'Class-I local Supplier'/ 'Class-II local Supplier' availing aforesaid benefit are required to indicate at the time of tender, bidding, or solicitation the percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local Supplier'/ 'Class-II local Supplier', as the case may be. In cases of procurement for a tender value above Rs. 10 crores, the 'Class-I local Supplier'/ 'Class-II local Supplier' shall be required to provide a certificate, in the prescribed format, from the statutory auditor of the company (in the case of companies) or a practicing cost accountant or practicing chartered accountant (in respect of Contractors other than companies) giving the percentage of local content. Bids with false declarations regarding Local contents shall be rejected as responsive, in addition to punitive actions under the MII orders and for violating the Code of Integrity as per the Tender Document.

4.2 Support to MSEs

Policies of the Government to support Micro and Small Industries shall apply to this procurement. Accordingly, the provisions of M/o MSME Public Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012, as amended from time to time shall apply to this procurement. In accordance with aforesaid provisions:

1. MSEs shall be exempted from payment of Earnest Money. They shall be required only to submit Bid Securing Declaration.
2. If the item is reserved for exclusive purchase from Micro and Small Enterprises (MSEs) as per the Public Procurement Policy for the Micro and Small Enterprises Order, 2012, only MSEs shall be eligible to submit a bid and be considered.

3. If the item is not reserved for procurement exclusively from MSEs and if Medium/ Large enterprises are also eligible to participate in the tender, purchase preference shall be given to MSEs over Medium/ Large enterprises provided its quoted rates fall within 15% margin of purchase preference, in accordance with Public Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012.
4. Relaxation in Prior Turnover and Experience: The prior turnover and prior experience requirement for MSEs enterprises shall be as indicated in Qualification Criteria/ Section IV.
5. In accordance with M/o MSME Gazette Notification No S.O. 2119 (E) dt. 26th June 2020, “ In case of reverse-graduation of an enterprise, whether as a result of re-classification or due to actual changes in investment in plant and machinery or equipment or turnover or both, and whether the enterprise is registered under the Act or not, the enterprise will continue in its present category till the closure of the financial year and it will be given the benefit of the changed status only with effect from 1st April of the financial year following the year in which such change took place.”
6. In accordance with M/o MSME Gazette Notification No S.O. 4926 (E) dt. 18th October 2022, “In case of an upward change in terms of investment in plant and machinery or equipment or turnover or both, and consequent re-classification, an enterprise shall continue to avail of all non - tax benefits of the category (micro or small or medium) it was in before the re-classification, for a period of three years from the date of such upward change.”

MSEs interested in availing aforesaid benefits must enclose in Form 1.2 with their offer the Udhyam Registration Certificate with the Udhyam Registration Number as proof of their being MSE registered on the Udhyam Registration Portal. The certificate should be valid on the date of bid submission.

4.3 Support to Start-up Enterprises - Policies of the Government to support Start-ups shall apply to this procurement. Accordingly, in accordance with Department of Expenditure OM No F.20\212014-PPD dated 25.07.2016 and its subsequent clarifications:

	<p>1. Exemption from submission of Bid Security: DPIIT registered Start-ups shall be exempted from payment of Earnest Money. They shall be required only to submit Bid Securing Declaration.</p> <p>2. Relaxation in Prior Turnover and Experience: The prior turnover and prior experience requirement for DPIIT registered start-up enterprises shall be as indicated in Qualification Criteria/ Section IV.</p> <p>4.4 The guidelines regarding concurrent applicability of “Public Procurement (Preference to Make in India) Order 2017” and “Public Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012” for simultaneous purchase preference to both Class-I local suppliers and MSE suppliers are detailed as under:</p> <p>1. The applicability of “Public Procurement Policy for MSEs Order 2012” (PPP MSE Order) and “Public Procurement (Preference to Make in India) Order 2017” (PPP-MII Order) in various scenarios, involving simultaneous purchase preference to MSEs and Class-I local suppliers respectively, shall be in accordance with Department of Expenditure OM No. F.1/4/2021-PPD dated 18.05.2023 read with “Public Procurement (Preference to Make in India) Order 2017” and “Public Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012”, as amended till date.</p>
5. The Goods, Eligible Goods and Basis of Evaluation	<p>5.1 Eligible Goods –Origin and Minimum Local Content</p> <p>Unless otherwise stipulated in the Tender Document, all ‘Goods’ and ‘incidental Works/ Service’ to be supplied under the contract must conform to i) restrictions on certain countries with land-borders with India (ITB-clause 3.2; ii) minimum local content (Make in India Policy (ITB-clause 3.5 and 4.1); iii) Procurement Policy for the Micro and Small Enterprises (MSEs) Order, 2012 (ITB-clause 3.6 and 4.2). If Bidder avails benefits under any preferential policy as Class-I Local Supplier or as MSE or Start-up enterprise, the Goods must not circumvent the provisions relating to such benefits.</p> <p>5.2 Basis of Evaluation for Schedules</p> <p>5.2.1 Unless otherwise stipulated in Bid data sheet, if there is more than one schedule in Section V: Schedule of Requirements, evaluation of financial ranking of bids shall be done separately for each schedule, and Bidder has the option to submit its quotation for any one or more schedules.</p> <p>5.2.2 Bidder shall submit bid for minimum 50% of the scheduled quantity, unless otherwise defined in the bid data sheet.</p>

<p>6. Bid Prices, Taxes and Duties</p>	<p>6.1 Prices</p> <p>6.1.1 Competitive and Independent Prices</p> <p>a. The prices should be arrived at independently, without restricting competition, any consultation, communication, or agreement with any other bidder or competitor relating to:</p> <ul style="list-style-type: none"> i. those prices; or ii. the intention to submit an offer; or iii. The methods or factors used to calculate the prices offered. <p>b. The prices should neither be nor shall be knowingly disclosed by the Bidder, directly or indirectly, to any other bidder or competitor before bid opening or contract award unless otherwise required by law.</p> <p>6.1.2 Undue profiteering</p> <p>1. Controlled Price, if any or MRP: The price quoted by Bidder shall not be higher than the controlled price fixed by law for the Goods, if any, or where there is no controlled price, it shall not exceed the prices or contravene the norms for fixation of prices if any, laid down by Government or where the Government has fixed no such prices or norms, it shall not exceed the price appearing in any agreement, if any, relating to price regulation by any industry. In any case, save for special reasons stated in the bid, if any, the price charged shall not be higher than the Maximum Retail Price (MRP).</p> <p>2. Undue profiteering: If the price quoted is higher than the controlled price in the sub-clause above, Bidder shall specifically mention this fact in his bid giving reasons for quoting a higher price(s). If he fails to do so or makes any misstatement, it shall be lawful for the Procuring Entity either to revise the price at any stage to bring it in conformity with the sub-clause (1) above or to terminate the contract for default as per the contract and avail all the remedies available therein in addition to other punitive actions for violation of Code of Integrity.</p> <p>6.1.3 Price Components</p> <p>1. Bidder shall indicate in the Price Schedule all the specified components of prices shown therein, including the unit prices and total bid prices.</p>
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	<p>2. Unless otherwise stated in Bid Data Sheet, the prices in the corresponding price schedule shall be entered separately in the following manner:</p> <ol style="list-style-type: none"> The price of the Goods quoted ex-factory, ex-showroom, ex-warehouse or off-the-shelf, as applicable, shall be assumed to include all taxes and duties like GST, customs duty, etc. already paid or payable on the components and raw material used in the manufacture or assembly of the Goods. Any GST, which shall be payable on the Goods in India if the contract is awarded. Charges towards inland transportation, insurance, and other local costs incidental to the delivery of the Goods to their final destination as stipulated in Section V: Schedule of Requirements. <p>6.1.4 Price Schedule</p> <ol style="list-style-type: none"> Bidders are to upload only the downloaded Price Schedule (in excel format) after entering the relevant fields without any alteration/ deletion/ modification of other portions of the excel sheet. All the columns shown in the price schedule should be filled up as required. If any column does not apply to a Bidder, he should clarify the same. Bidders shall fill in their rates other than zero value in the specified cells without keeping it blank. The quoted price shall be considered to include all relevant financial implications, including inter-alia the scope of the Goods to be supplied, location of the bidder, location of the consignee(s), terms of delivery, extant rules and regulations relating to taxes, duties, customs, transportation, environment, labour etc. in India. <p>6.1.5 Provisions of GST</p> <ol style="list-style-type: none"> Break up of different price elements, i.e., as per GST Act, shall be indicated separately, along with its associated HSN code and GST rate. While quoting the basic rate, the bidder should offset the input credit available/ to be availed as per the GST Act. Please refer to ITB-clause 6.3 for further details. <p>6.1.6 Currencies of Bid and Payment</p> <ol style="list-style-type: none"> Unless otherwise stated in Bid Data Sheet, The currency of bid and payment shall be quoted by Bidder entirely in Indian Rupees. All payments shall be made in Indian Rupees only.
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	<p>6.1.7 Non-compliance</p> <p>Tenders, where prices are quoted in any other way, shall be rejected as nonresponsive.</p> <p>6.2.2 Firm/ Variable Price</p> <p>1. Firm Price</p> <p>Prices quoted by Bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.</p> <p>6.2.3 Exchange Rate Variation- Deleted</p> <p>6.3 Goods and Services Tax (GST)</p> <p>6.3.1 GST Registration Status:</p> <p>1. All the bidders/ Bidders should ensure that they are GST compliant and their quoted tax structure/ rates as per GST Act/ Rules. Bidder should be registered under GST and furnish GSTIN number and GST Registration Certificate in their offer unless they are specifically exempted from registration under specific notification/ circular/ section/ rule issued by statutory authorities.</p> <p>2. GST Registration Number (15-digit GSTIN).</p> <p>If the bidder has multiple business verticals in a state and has separate registration for each vertical, the GSTIN of each vertical is concerned with the supply and service involved, as per the scope of Schedule of Requirements and Price Schedule quoted. If the supply/ service provided is from multiple states, the bidder should mention GST registration numbers for each state separately.</p> <p>3. Composition scheme:</p> <p>If the Bidder has opted for a composition levy under Section 10 of CGST, he should declare the fact while bidding along with GSTIN and GST registration certificate.</p> <p>4. Exemption from Registration:</p> <p>If a bidder is not liable to take GST registration, i.e., having turnover below threshold, he shall submit undertaking/ indemnification against tax liability. Bidder claiming exemption in this respect shall submit a valid certificate from practising Chartered Accountant (CA)/ Cost Accountant with Unique Document Identification Number (DIN) to the effect that Bidder fulfils all conditions prescribed in notification exempting him from registration. Such bidder/ dealer shall not charge any GST and/ or GST Cess in the bill/ invoice. In such case, applicable GST shall be deposited under Reverse Charge</p>
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Mechanism (RCM) or otherwise as per GST Act by the Procuring Entity directly to concerned authorities. Bidder should note that his offer would be loaded with the payable GST under the RCM. Further, Bidder should notify and submit to the Procuring Entity within 15 days from the date of becoming liable to registration under GST.

5. The principal place of business for purchase (CMSS) is Delhi. CMSS has GSTN registration no in 18 states including Delhi, as per details given below:

S No.	LOCATION	STATE	GSTIN	Address
1	AGARTALA	TRIPURA	16AABAC6275 F1ZV	CMSS, CWC Complex, Hapania, Near ONGC complex, Opposite of Satsangha Ashram, Agartala, Tripura Pin- 799014
2	AHMEDABAD	GUJRAT	24AABAC6275 F1ZY	CMSS, Central warehousin g corporation premises, Opposite P&T Colony, Teen Batti Road, Near Shahalam Gate, Shahalam, Ahmedabad , Gujarat Pin- 380028
3	BANGLORE	KARNATAKA	29AABAC6275 F1ZO	CMSS, Ministry of Health &

					Family Welfare, Central warehousing corporation premises, APMC Yard, Yeshwanthapur, Bangalore, Pin- 560 022
	4	BHOPAL	MADHYA PRADESH	23AABAC6275 F1Z0	CMSS, Central warehousing corporation premises, Godown no. 1A, Near railway cabin no. 3, Chhola road, Nishatpura, District: Bhopal Pin- 462 010. Landline No. 0755-2508050
	5	BHUBANESWAR- JAJPUR	ODISHA	21AABAC6275 F1Z4	CMSS, 326, Khata No- 456/948 Mouza- Johal, PO/PS- PAHALA, District – Khurda, Bhubanesw

				ar, Odisha-751032.
6	CHENNAI	TAMIL NADU	33AABAC6275 F1ZZ	CMSS C/o Central warehousing corporation Warehouse no: 11C Opposite to Varadharaja Theatre Chitlapakkam, Chrompet, Chennai Pin- 600064
7	DELHI	DELHI	07AABAC6275 F1ZU	CMSS, Khata No - 81, Village-Bamnoli, Sector -28, Dwaraka, Delhi- 110075.
8	GUWAHATI	ASAM	18AABAC6275 F1ZR	CMSS, EPIP Complex, CWC premises, Opp. Emami, Amingaon, Guwahati, Pin- 781 031
9	HYDERABAD	TELANGANA	36AABAC6275 F1ZT	CMSS Block No. A3 Go down C W C Nampally Hyderabad Pin- 500001

				Landline No. 040- 29705969
10	JAIPUR	RAJASTHAN	08AABAC6275 F1ZS	CMSS C/O CWC, Plot No.-SPL- 1296, EPIP, Sitapura Ind. Area, Goner Road, Jaipur, Rajasthan- Pin- 302022
11	KOLKATTA	WEST BENGAL	19AABAC6275 F1ZP	CMSS C/o Central Warehousin g Corporation , Bonhooghly , RIC Estate, Kolkata, West Bengal- 700108
12	LUCKNOW	UTTAR PRADESH	09AABAC6275 F1ZQ	CMSS C/o Central Warehousin g Corporation , Naveen Galla Mandi, Sitapur Road Lucknow UP-226020
13	MUMBAI	MAHARASH TRA	27AABAC6275 F1ZS	CMSS C/O- Central Warehousin

					g Corporation , GN. 01, Regional Office Mumbai, Sector-20, NR, Turbe RLY Station, Vashi - Navi Mumbai- 400703 Landline No. 022- 27830009.
	14	PATNA	BIHAR	10AABAC6275 F1Z7	CMSS C/O- Central Warehousin g Corporation , Katra Bazar, Bazar Samiti, Patna City Pin - 800008.
	15	RAIPUR	CHHATISGA RH	22AABAC6275 F1Z2	CMSS, C/O- Central Warehousin g Corporation , Near Harish Petrol Pump, Rauabhata, Birgaon, Raipur, Pin- 493221

	16	RANCHI	JHARKHAND	20AABAC6275 F1Z6	CMSS C/O- Central Warehousing Corporation , Near OTC ground, Ranchi, Pin no. 834005
	17	TRIVANDRUM	KERALA	32AABAC6275 F1Z1	CMSS C/O- Central Warehousing Corporation Kinfraparel Park Menamkulam, Trivandrum Kerala Pin- 695586 Landline No. 0471- 2704470
	18	ZIRAKHPUR	PUNJAB	03AABAC6275 F1Z2	CMSS, Ground Floor, Warehouse No. B014/3433, Godown Area. 35 Feet Road, Village Bhabat, Thana Zirakpur, SAS NAGAR, Punjab Pin- 140603

- i) Supplier supplying goods to CMSS warehouses or any of its consignee having delivery address within the state listed above, the supplier to issue tax invoice to CMSS, using the registration number of that state only.
- ii) Supplier supplying goods directly to any consignee having delivery address in a state other than the 18 states mentioned above, the supplier to issue tax invoice to CMSS using the registration number of its principal place of Business i.e. Delhi GSTIN - 07AABAC6275F1ZU only.

The Billing –to Address will be

Central Medical Services Society
2nd Floor, Vishwa Yuvak Kendra,
Teen Murti Marg, Chanakyapuri,
New Delhi-110021.

GSTIN-07AABAC6275F1ZU

- (iii) And, the Shipping–to Address will be the address of the consignee given in the Purchase order.

6.3.2 HSN Code and GST Rate:

1. It shall be the responsibility of Bidder to ensure that they quote the exact HSN Code and corresponding GST rate for the goods being offered by them.
2. As per the GST Act, the bid and contract must show the GST Tax Rates (and GST Cess if applicable) and GST Amount explicitly and separate from the bid/ contract price (exclusive of GST). If the price is stated to be inclusive of GST, the current rate included in the price must be declared by the bidder.
3. If a Bidder asks for GST (and GST Cess if applicable) to be paid extra, the rate and nature of such taxes applicable should be shown separately. Bidders should quote 'GST' if payable extra on the total basic rate of each cost element and quote GST in '%' inclusive of cess.
4. If GST, other taxes, duties are not specified, or column is left blank in the price schedule, it shall be presumed that no such tax/ levy is applicable or payable by the Procuring Entity.
5. Applicability to Imported Goods/ Services: Following the implementation of GST, the import of commodities shall not be subject to such erstwhile applicable duties like safeguard duty, education cess, basic customs duty, anti-dumping duty, etc. All these supplementary custom duties are subsumed under GST. The supply of

	<p>commodities or services or both, if imported into India, shall be considered as supply under inter-state commerce/ trade and shall attract integrated tax (IGST). The IGST rate and GST cess shall be applicable on the 'Custom Assessable Value' plus the 'Basic Customs duty applicable thereon'.</p> <p>6.4 Payments</p> <p>6.4.1 General</p> <p>Payment terms as laid down in clause GCC 10.3 shall be applicable.</p> <p>6.4.2 No Advance Payments</p> <p>No advance payment of any type (Mobilization, secured advances etc.), shall be made by the Procuring Entity to the contractor.</p>
<p>7. Downloading the Tender Document; Corrigenda and Clarifications</p>	<p>7.1 Downloading the Tender Document</p> <p>The Tender Document shall be published and be available for download. The Bidders can download the Tender Document after the date and time of the start of availability till the deadline for availability. If the office happens to be closed on the deadline for the availability of the Tender Document, the deadline shall not be extended.</p> <p>7.2 Corrigenda/ Addenda to Tender Document</p> <p>Before the deadline for submitting bids, the Procuring Entity may update, amend, modify, or supplement the information, assessment or assumptions contained in the Tender Document by issuing a corrigenda and addenda. The corrigenda and addenda shall be published in the same manner as the original Tender Document. Without any liability or obligation, the Portal may send intimation of such corrigenda/ addenda to bidders who have downloaded the document under their login. However, the bidders' responsibility is to check the website(s) for any corrigenda/ addenda. No, separate communication shall be sent by procuring entity to the bidders regarding corrigendum/addendum. Any corrigendum or addendum thus issued shall be considered a part of the Tender Document. To give reasonable time to the prospective bidders to take such corrigendum/ addendum into account in preparing their bids, the Procuring Entity may suitably extend the deadline for the bid submission, as necessary. After the procuring entity makes such modifications, any Bidder who has submitted his bid in response to the original invitation shall have the opportunity to either withdraw his bid or re-submit his bid superseding the original bid within the extended time of submission as per ITB-clause 10.4.1 below.</p> <p>7.3 Clarification on the Tender Document</p> <p>A Bidder may seek clarification of the Tender Document from Office/</p>

	<p>Contact Person/ e-procurement Help Desk as mentioned in BDS, provided the clarifications are raised before the clarification end date mentioned in BDS (or if not mentioned, within 7 days before the deadline for the bid submission). The Procuring Entity shall respond within 5 working days of receipt of such a request for clarification. The query and clarification shall be shared on the portal with all the prospective bidders. No separate communication shall be sent to the bidders. Accordingly, bidders are advised to regularly visit the portal for any update. Any modification of the Tender Document that may become necessary due to the clarification shall be made by the Procuring Entity through an Addendum/ Corrigendum issue under the sub-clause above.</p>
8. Pre-bid Conference	<ol style="list-style-type: none"> 1. Prospective bidders interested in participating in this tender may attend a Pre-bid conference to clarify techno-commercial conditions of the Tenders at the venue, date and time specified in Bid Data Sheet. Participation in the Pre-bid conference is restricted to prospective bidders who have downloaded the Tender Document. 2. Participation is not mandatory. However, if a bidder chooses not to (or fails to) participate in the Pre-bid conference or does not submit a written query, it shall be assumed that they have no issues regarding the techno/ commercial conditions. 3. The date and time by which the written queries for the Pre-bid must reach the authority and the last date for registration for participation in the Pre-bid conference are also mentioned in the Bid Data Sheet. If the dates are not mentioned, such date and time shall be 7 days before the date and time of the pre-bid conference. 4. Delegates participating in the Pre-bid conference must provide a photo identity and an "Authorization for attending a Pre-bid Conference" from their Company/ principals; else, they shall not be allowed to participate. The pre-bid conference may also be held online at the discretion of the Procuring Entity. 5. After the Pre-bid conference, Minutes of the Pre-bid conference shall be published on the Procuring Entity's portal. If required, a clarification letter and corrigendum to Tender Document shall be issued, containing amendments of various provisions of the Tender Document, which shall form part of the Tender Document. As per ITB-clause para under 7.2 above, to give reasonable time to the prospective bidders to take such clarifications into account in preparing their bids, the Procuring

	<p>Entity may suitably extend, as necessary, the deadline for the bid submission.</p> <p>6. No separate communication shall be sent to the prospective bidders regarding their pre-bid queries/ any other clarification. Purchaser's response to the queries/ clarifications shall be uploaded only on the portal. Accordingly, bidders are advised to regularly visit the portal for any update.</p>
9. Preparation of Bids	<p>9.1 The bid</p> <p>9.1.1 Language of the bid</p> <p>The bid submitted by Bidder and all subsequent correspondence and documents relating to the bid exchanged between Bidder and the Procuring Entity shall be written in English Language. However, the language of any printed literature furnished by Bidder in connection with its bid may be written in any other language provided a translation accompanies the same in the bid language. For purposes of interpretation of the bid, translation in the language of the bid shall prevail.</p> <p>9.1.2 Acquaintance with Local Conditions and Factors</p> <p>The Bidder, at his own cost, responsibility, and risk, is encouraged to visit, examine, and familiarize himself with all the site/ local conditions and factors. The Bidder acknowledges that before the submission of the bid, he has, after a complete and careful examination, made an independent evaluation of the Site/ local conditions, the legal, environmental, infrastructure, logistics, communications and any other conditions or factors of which would have any effect on the price to be quoted by him or affecting performance/ completion of the contract. Bidders shall themselves be responsible for compliance with Rules, Regulations, Laws and Acts in force from time to time at relevant places. On such matters, the Procuring Entity shall have no responsibility and shall not entertain any request from the bidders in these regards.</p> <p>9.1.3 Cost of Bidding</p> <p>The Bidder(s) shall bear all direct or consequential costs, losses and expenditure associated with or relating to the preparation, submission, and subsequent processing of their Bids, including but not limited to preparation, copying, postage, delivery fees, expenses associated with any submission of samples, demonstrations, or presentations which the Procuring Entity may require, or any other costs incurred in connection with or relating to their Bids. All such costs, losses and expenses shall remain with the Bidder(s), and the Procuring Entity shall not be liable in any manner whatsoever for the same or any other costs, losses and expenses incurred by a Bidder(s) for participation in the Tender Process, regardless of the conduct or outcome of the Tender Process.</p>

9.1.4 Interpretation of Provisions of the Tender Document

The provisions in the Tender Document must be interpreted in the context in which these appear. Any interpretation of these provisions far removed from such context or other contrived or in between-the-lines interpretation is unacceptable.

9.1.5 Quote Quantities/ Prices in both Numerals and Words

Although the software on the Portal may convert quantities/ rates/ amounts in numerical digits in Bids to words, the bidders are advised to ensure that there is no ambiguity in this regard.

9.1.6 Alternative Bids not Allowed

Conditional offers, alternative offers, multiple bids by a bidder shall not be considered. The Portal shall permit only one bid to be uploaded.

9.2 Documents comprising the bid:

9.2.1 Techno-commercial bid/ Cover

"Technical Bid" shall include inter-alia the original or scanned copies of duly signed or digitally signed copies of the following documents in pdf format. Pdf documents should not be password protected. If so, stipulated in BDS, specified originals or self-certified copies of originals shall also be required to be physically submitted as per instruction contained therein. No price details should be given or hinted at in the Technical bid:

1. Form 7: Documents relating to Bid Security: Scanned copy of Bid Securing Declaration (applicable for MSEs and Startups)/ EMD (applicable for all other bidders i.e. other than MSEs and Startups), as applicable, is to be uploaded along with electronic bid. The original documents are to be deposited with the Tender Inviting Authority within timelines as prescribed in the Bid Data Sheet. Failure to deposit the original documents by the specified last date shall result in summarily rejection of bid;
 - a. Form 7: Bid Securing Declaration Format
 - b. Form 7A: EMD Bank Guarantee Format
2. Form 1: bid Form (to serve as covering letter and declarations applicable for both the technical bid and financial bid);
 - a. Form 1.1: Bidder Information;
 - b. Form 1.2: Eligibility Declarations;

Following documents are to be attached mandatorily:

	<ul style="list-style-type: none"> i. Self-attested copy of registration certificate/ Partnership deed, as the case may be. ii. Self-attested copy of PAN iii. Self-attested copy of GSTIN Registration iv. Self-attested copy of Power of Attorney authorizing signatories to sign the bid. v. Self-attested copy of Registration Certificate for entities having beneficial ownership in land border sharing countries, if applicable. vi. Self-attested copy of MSME Registration, if applicable. vii. Self-attested copy of Startup Registration, if applicable viii. Any other document stipulated in the bid document to establish bidder's eligibility to participate in the bidding process. <p>c. Form 1.3: Local content Declaration from Statutory Auditors for purchases above Rs. 10 Crore.</p> <p>d. Form 1.4: Integrity Pact duly signed by the bidder.</p> <p>3. Form 4: 'Qualification Criteria – Compliance and Deviations': Unless otherwise stipulated in Bid Data Sheet; Following documentary evidence to establish the Bidder's qualifications as stipulated in Section IV: Qualification Criteria, apart from any other document listed explicitly in the bid document may also be attached.</p> <p><u>(A) For Indian or Overseas Original Equipment Manufacturer (OEM):</u></p> <ul style="list-style-type: none"> a) Manufacturing License issued by CDSCO/Licensing Authority of the Foreign Country of origin for the quoted item, valid on the date of tender opening. b) Valid ISO 13485, issued by accredited certifying agency as detailed in "Section IV- Qualification Criteria". c) Non-Conviction declaration as per Form-8. d) Performance Statement in support of having supplied same or similar items in the past in the Form 4.1 e) Certificate of Annual Production Capacity. f) Annual Turnover Statement of previous years in the Form 4.2 g) Audited Annual Reports of previous years. h) Details of complete user list of quoted model. i) Complete quoted product catalog with data sheet.
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	<p>j) Any other document stipulated in Section -IV: “Qualification Criteria”/ Bid document.</p> <p><u>B) For Authorized Importers- All the documents of Manufacturers are to be given as per Section IV Qualification Criteria, however, in addition to above, following documents to be submitted:</u></p> <ul style="list-style-type: none"> a) CDSCO Import license for the quoted item valid on the date of tender opening. b) Manufacturer Authorization form as per Format 4 (Should be signed by both, Manufacturer and Bidder) should be given. c) Non-Conviction declaration as per Form-8. d) Performance Statement in support of having supplied same or similar items in the past in the Form 4.1 e) Annual Turnover Statement of previous years in the Form 4.2 f) Audited Annual Reports of previous years. g) Details of Service centers in various states. h) Any other document stipulated in Section -IV: “Qualification Criteria”/ Bid document. <p>4. Form 2: Schedule of Requirements – Compliance and Deviation: Bidders should fill this form to detail the Schedules of Goods offered by them, maintaining the same numbering and structure. They may add additional details not covered elsewhere in their bid. They should highlight here any deviations/ exceptions/ reservations regarding Section V: ‘Schedule of Requirements’ in tabular format. Even in case of no deviation, please fill in confirmations and nil deviation statements. If mentioned elsewhere in the bid, such deviations shall not be recognized and shall be null and void.</p> <p>5. Form 3 - Technical Specifications and Quality Assurance – Compliance and Deviation: Bidder is required to provide clause by clause compliance/ deviation Statement in a tabular form relating to all parameters of Technical Specifications, Quality Assurance. Even in case of no deviation, please fill in confirmations and nil deviation statements. If mentioned elsewhere in the bid, such deviations shall not be recognized and shall be null and void. Unless otherwise stipulated in Bid Data Sheet; Bidder shall upload following documents with the compliance statement, along with any other supporting documents explicitly stipulated in bid documents:</p>
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	<ul style="list-style-type: none"> i. Deleted ii. Deleted iii. Deleted iv. Deleted a. Any other document as stipulated in the Section VI: “Technical Specifications and Quality Assurance”/ Bid document. <p>6. Form 5 - Terms and Conditions – Compliance and Deviation: Bidder must comply with the entire commercial and other clauses of this Tender Document. Any deviations should be listed in a tabular form without ambiguity or conditionality. Even in case of no deviation, please fill in confirmations and nil deviation statements. If mentioned elsewhere in the bid, such deviations shall not be recognized and shall be null and void.</p> <p>7. Form 6- Bidder must upload the Bid Summary in the format as prescribed in Form 6 of the bid document to confirm that he has complied with all the instructions in the Tender Document, and nothing is inadvertently left out. This summary is only for general guidance and may not be comprehensive, and does not absolve Bidder from complying with all the requirements stipulated elsewhere in the Tender Document.</p> <p>8. Any other format/ form, not covered above but part of bid document/ considered relevant by the bidder</p> <p>9.2.2 Financial bid/ Cover "Financial bid" shall comprise the Price Schedule (To be submitted separately as an excel sheet) considering all financially relevant details, including Taxes and Duties as per ITB-clause 6.3. No additional technical details, which have not been brought out in the technical bid shall be brought out in the financial bid.</p> <p>9.3 Bid Validity</p> <ul style="list-style-type: none"> 1. Unless specified to the contrary in the BDS, Bids shall remain valid for a period not less than 150 days from the deadline for the bid Opening stipulated in BDS. A bid valid for a shorter period shall be rejected as nonresponsive. 2. In case the day upto which the bids are to remain valid falls on/ subsequently declared a holiday or closed day for the Procuring Entity, the bid validity shall automatically be deemed to be extended upto the next working day.
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3. In exceptional circumstances, before the expiry of the original time limit, the Procuring Entity may request the bidders to extend the validity period for a specified additional period. The request and the bidders' responses shall be made in writing or electronically. A bidder may agree to or reject the request. A bidder who has agreed to the Procuring Entity's request for extension of bid validity, in no case, he shall be permitted to modify his bid.

9.4 Bid Security - Related Documents

1. Bidders shall submit Earnest Money Deposit (EMD) for the amount as indicated in **Bid Data Sheet**.
2. The EMD shall be paid by Account payee Demand Draft/ Fixed Deposit Receipt/ Banker's Cheque /Bank Guarantee or RTGS/NEFT/Insurance Surety Bonds.
3. For EMD fund transfer, purchaser's bank account details are as under:
Beneficiary Name: Central Medical Services Society
A/C No. : 50100729160644
Bank Name: HDFC Bank
Branch: SAFDARJUNG ENCLAVE-DEER PARK, New Delhi
IFSC Code: HDFC0000503
4. EMD Bank Guarantee format is given in **Section – IX/ Form: 7A**. The name of beneficiary in Bank Guarantee shall be **Central Medical Services Society**. EMD shall remain valid for 45 days beyond the validity period for the bid and will be extended accordingly beyond any extension subsequently requested by purchaser. The Bank guarantee shall be issued by a Commercial bank in India to make it enforceable and acceptable to the purchaser.
5. Offers of the firms submitted without EMD / EMD for a shorter period/EMD for an amount lesser than the amount as demanded will summarily rejected.
6. The EMD will be forfeited, if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of his Tender

	<p>7. The EMD will be refunded to the successful bidder/s within 30 days from the date of signing the contract agreement and on the deposit of the Performance Security.</p> <p>8. The EMD furnished by all unsuccessful tenderers will be returned as early as possible after the expiration of the period of tender validity but not later than 30 days of the award of the contract.</p> <p>9. For bidders falling in the category of MSEs and Startup, EMD requirement has been waived off as detailed in ITB Section 4.2 and 4.3 respectively. In lieu of Bid Security, such Bidders shall furnish Bid Securing Declaration (BSD) as Form 7: The BSD is required to protect the Procuring Entity against the risk of the Bidder's unwarranted conduct as amplified under the sub-clause below.</p> <p style="padding-left: 40px;">a) The BSD provides for automatic suspension of the Bidder from being eligible for bidding in any tender in Ministry/ Department of Procuring Organisation for 2 years from the date of such enforcement. This declaration shall stand enforced if Bidder breaches the following obligation(s) under the tender conditions:</p> <p style="padding-left: 80px;">i. withdraws or amends his bid or impairs or derogates from the bid in any respect within the period of validity of its bid; .or</p> <p style="padding-left: 80px;">ii. after having been notified within the period of bid validity of the acceptance of his bid by the Procuring Entity:</p> <p style="padding-left: 80px;">iii. refuses to or fails to submit the original documents for scrutiny or the required Performance Security within the stipulated time as per the conditions of the Tender Document.</p> <p style="padding-left: 80px;">iv. fails or refuses to sign the contract.</p> <p>10. Unsuccessful Bidders' bid-Securing Declaration shall expire, if the contract is not awarded to them, upon:</p> <p style="padding-left: 40px;">a) receipt by Bidder of the Procuring Entity's notification</p> <p style="padding-left: 80px;">i. of cancellation of the entire tender process or rejection of all bids or</p> <p style="padding-left: 80px;">ii. of the name of the successful bidder or</p> <p style="padding-left: 40px;">b) forty-five days after the expiration of the bid validity or any extension thereof</p>
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	<p>11. The bid-Securing Declaration of the successful bidder shall stand expired only when Bidder has furnished the required Performance Security and signed the Agreement.</p> <p>9.5 Non-compliance with these provisions</p> <p>Bids are liable to be rejected as nonresponsive if a Bidder:</p> <ol style="list-style-type: none"> 1. fails to provide and/ or comply with the required information, instructions etc., incorporated in the Tender Document or gives evasive information/ reply against any such stipulations. 2. furnishes wrong and/ or misleading data, statement(s) etc. In such a situation, besides rejection of the bid as nonresponsive, it is liable to attract other punitive actions under relevant provisions of the Tender Document for violation of the Code of Integrity.
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10. Signing and Uploading of Bids

10.1 Relationship between Bidder and eProcurement Portal

The Procuring Entity is neither a party nor a principal in the relationship between Bidder and the organization hosting the e-procurement portal (hereinafter called the Portal). Bidders must acquaint and train themselves with the rules, regulations, procedures, and implied conditions/ agreements of the Portal. Bidders intending to participate in the bid shall be required to register in the Portal. Bidders shall settle clarifications and disputes, if any, regarding the Portal directly with them. In case of conflict between provisions of the Portal with the Tender Document, provisions of the Portal shall prevail. Bidders may study the resources provided by the Portal for Bidders.

10.2 Signing of bid

The individual signing/ digitally signing the bid or any other connected documents should submit an authenticated copy of the document(s), which authorizes the signatory to commit and submit bids on behalf of the bidder in Form 1.1: Bidder Information.

10.3 Submission/ uploading of Bids.

10.3.1 Submission/ Uploading to the Portal

1. No manual Bids shall be made available or accepted for submission (except for originals of scanned copies as per sub-clause 6 below). In the case of downloaded documents, Bidder must not make any changes to the contents of the documents while uploading, except for filling the required information – otherwise, the bid shall be rejected as nonresponsive.
2. Bids shall be received only *Online* on or before the deadline for the bid submission as notified in BDS.
3. Only one copy of the bid can be uploaded, and Bidder shall digitally sign all statements, documents, certificates uploaded by him, owning sole and complete responsibility for their correctness/ authenticity as per the provisions of the IT Act 2000 as amended from time to time.
4. Bidder need not sign or up-load the Bid documents above while uploading his bid unless otherwise instructed in the Tender Document. It is assumed that Bidder commits itself to comply with all the Sections and documents uploaded by the Tender Inviting Officer.
5. Bidder must upload scanned copies of originals (or self-attested copies of originals – as specified). Uploaded Pdf documents should not be password protected. Bidder should ensure the clarity/ legibility of the scanned documents uploaded by him.
6. If stipulated in the BDS, copies/ originals of such specified uploaded scanned documents must also be physically submitted

	<p>sealed in cover to TIA. Failure to do so is likely to result in the bid being rejected as non-responsive. If the office is closed on the deadline for physical submission of originals, it shall stand extended to the next working day at the same time and venue. The Procuring Entity reserves its right to call for verification originals of all such self-certified documents from the Bidders at any stage of evaluation.</p> <ol style="list-style-type: none"> 7. Regarding the protected Price Schedule (excel format, Cover-2), Bidder shall write his name in the space provided in the specified location only. Bidder shall type rates in the figure only in the rate column of respective item(s) without any blank cell or Zero values in the rate column, without any alteration/ deletion/ modification of other portions of the excel sheet. If space is inadequate, Bidder may upload additional documents under "Additional Documents" in the "bid Cover Content." 8. The date and time of the deadline for the bid submission shall remain unaltered even if the specified date is declared a holiday for the Tender Inviting Officer. 9. The date and time of the e-Procurement server clock, which is also displayed on the dashboard of the bidders, shall be taken as the reference time for deciding the closing time of bid submission. Bidders are advised to ensure they submit their bid within the deadline and time of bid submission, taking the server clock as a reference, failing which the portal shall not accept the Bids. No request on the account that the server clock was not showing the correct time and that a particular bidder could not submit their bid because of this shall be entertained. Failure or defects on the internet or heavy traffic at the server shall not be accepted as a reason for a complaint. The Procuring Entity shall not be responsible for any failure, malfunction or breakdown of the electronic system used during the e-Tender Process. 10. All Bids uploaded by Bidder to the portal shall get automatically encrypted. The encrypted bid can only be decrypted/ opened by the authorised persons on or after the due date and time. The bidder should ensure the correctness of the bid before uploading and take a printout of the system generated submission summary to confirm successful bid upload. 11. The Procuring Entity may extend the deadline for bids submission by issuing an amendment as per ITB-clause 7.2 above, in which case all rights and obligations of the Procuring Entity and the bidders previously subject to the original deadline shall then be subject to the new deadline for the bid submission.
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	<p>12. Bid submitted through modalities other than those stipulated in BDS shall be liable to be rejected as nonresponsive.</p> <p>10.3.2 Implied acceptance of procedures by Bidders Submission of bid in response to the Tender Document is deemed to be acceptance of the e-Procurement and tender procedures and conditions of the Tender Document.</p> <p>10.3.3 Late Bids The bidder shall not be able to submit his bid after the expiry of the deadline for the bid submission (as per server time). Therefore, in eProcurement, a situation of Late Tender does not arise.</p> <p>10.4 Modification, Resubmission and Withdrawal of Bids</p> <p>10.4.1 Modification & Resubmission Once submitted in e-Procurement, Bidder cannot view or modify his bid since it is locked by encryption. However, resubmission of the bid by the bidders for any number of times superseding earlier bid(s) before the date and time of submission is allowed. Resubmission of a bid shall require uploading of all documents, including financial bid afresh. The system shall consider only the last bid submitted as the valid bid.</p> <p>10.4.2 Withdrawal</p> <ol style="list-style-type: none"> 1. The bidder may withdraw his bid before the bid submission deadline, and it shall be marked as withdrawn and shall not get opened during the Bid opening. 2. No bid should be withdrawn after the deadline for the bid submission and before the expiry of the bid validity period. If a Bidder withdraws the bid during this period, the Procuring Entity shall be within its right to forfeit EMD/ enforce Bid Securing Declaration, as applicable, in addition to other punitive actions provided in the Tender Document for such misdemeanor.
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11. Bid Opening	The date & time of the opening bid is as stipulated in BDS. Bids cannot be opened before the specified date & time, even by the Tender Inviting Officer, the Procurement Officer, or the Publisher. If the specified date of Bid Opening falls on is subsequently declared a holiday or closed day for the Procuring Entity, the Bids shall be opened at the appointed time on the next working day.
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<p>12. Evaluation of Bids and Award of Contract</p>	<p>12.1 General norms</p> <p>12.1.1 Evaluation based only on declared criteria. The evaluation shall be based upon scrutiny and examination of all relevant data and details submitted by Bidder in its/ his bid and other allied information deemed appropriate by Procuring Entity. Evaluation of bids shall be based only on the criteria/ conditions included in the Tender Document.</p> <p>12.1.2 Deviations/ Reservations / Omissions - Substantive or Minor</p> <p>1. During the evaluation of Bids, the following definitions apply:</p> <ul style="list-style-type: none"> a. “Deviation” is a departure from the requirements specified in the Tender Document; b. “Reservation” is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Tender Document; and c. “Omission” is the failure to submit part or all of the information or documentation required in the Tender Document. <p>2 A deviation/ reservation/ omission from the requirements of the Tender Document shall be considered as a substantive deviation as per the following norm, and the rest shall be considered as Minor deviation:</p> <ul style="list-style-type: none"> a. which affects in any substantive way the scope, quality, or performance of the product; b. which limits in any substantive way, inconsistent with the Tender Document, the Procuring Entity's rights or the Bidder's obligations under the contract; or c. Whose rectification would unfairly affect the competitive position of other Bidders presenting substantively responsive Bids. <p>3. The decision of the Procuring Entity shall be final in this regard. Bids with substantive deviations shall be rejected as nonresponsive.</p> <p>4. Variations and deviations and other offered benefits (techno-commercial or financial) above the scope/ quantum of the Goods specified in the Tender Document shall not influence evaluation Bids. If the bid is otherwise successful, such benefits shall be availed by the Procuring Entity, and these would become part of the contract.</p> <p>5. The Procuring Entity reserves the right to accept or reject bids with any minor deviations. Wherever necessary; the Procuring Entity shall convey its observation as per ITB-clause 12.1.3 below, on such ‘minor’ issues to Bidder by registered/ speed post/ electronically etc. asking Bidder to respond by a specified date. If</p>
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Bidder does not reply by the specified date or gives an evasive reply without clarifying the point at issue in clear terms, that bid shall be liable to be rejected as nonresponsive.

12.1.3 Clarification of Bids and shortfall documents

1. During the evaluation of Techno commercial or Financial Bids, the Procuring Entity may, at its discretion, but without any obligation to do so, ask Bidder to clarify its bid by a specified date. Bidder should answer the clarification within that specified date. The request for clarification shall be submitted in writing or electronically, and no change in prices or substance of the bid shall be sought, offered, or permitted that may grant any undue advantage to such bidder. Any clarification submitted by a Bidder regarding its Bid that is not in response to a request by the Purchasing Entity shall not be considered.
2. If discrepancies exist between the uploaded scanned copies and the Originals submitted by the bidder, the original copy's text, etc., shall prevail. Any substantive discrepancy shall be construed as a violation of the Code of Integrity, and the bid shall be liable to be rejected as nonresponsive in addition to other punitive actions under the Tender Document for violation of the Code of Conduct.
3. The Procuring Entity reserves its right to, but without any obligation to do so, to seek any shortfall information/ documents only in case of historical documents which pre-existed at the time of the Bid Opening, and which have not undergone change since then and does not grant any undue advantage to any bidder. There is a provision on the portal for requesting Short-fall documents from the bidders. The system allows taking the shortfall documents from any bidders only once after the technical bid opening.

12.1.4 Contacting Procuring Entity during the evaluation

From the time of bid submission to awarding the contract, no Bidder shall contact the Procuring Entity on any matter relating to the submitted bid. If a Bidder needs to contact the Procuring Entity for any reason relating to this tender and/ or its bid, it should do so only in writing or electronically. Any effort by a Bidder to influence the Procuring Entity during the processing of bids, evaluation, bid comparison or award decisions shall be construed as a violation of the Code of Integrity, and bid shall be liable to be rejected as nonresponsive in addition to other punitive actions for violation of Code of Integrity as per the Tender Document.

12.2 Evaluation of Bids

12.2.1 Preliminary Examination of Bids - Determining Responsiveness

A substantively responsive bid is complete and conforms to the Tender Document's essential terms, conditions, and requirements, without substantive deviation, reservation, or omission. Only substantively responsive bids shall be considered for further evaluation. Unless otherwise stipulated in the BDS, the following are some of the crucial aspects for which a bid shall be liable to be rejected as nonresponsive:

1. The bid is not in the prescribed format or is not submitted as per the stipulations in the Tender Document.
2. Required EMD/ Bid Securing Declaration, applicable, has not been provided.
3. Bids with EMD for a shorter period/lesser amount as demanded will be summarily rejected.
4. Bidder is not eligible to participate in the bid as per laid down eligibility criteria;
5. The Goods offered are not eligible as per the provision of this tender.
6. Bidder has quoted conditional bids or more than one bid or alternative bids unless permitted explicitly in the BDS.
7. The bid validity is shorter than the required period.
8. The bid departs from the essential requirements stipulated in the bidding document;
9. Against a schedule in Section V: Schedule of Requirement, Bidder has not quoted the entire Goods as stipulated in that schedule.
10. Non-submission or submission of illegible scanned copies of stipulated documents/ declarations.

12.2.2 The evaluation process

Unless otherwise stated, this Tender Process is for two covers Bids. Initially, only the techno-commercial bids shall be opened on the stipulated date of opening of bids. After that, the techno-commercial evaluation shall be done whether these bids meet the eligibility & qualification criteria and techno-commercial aspects. Subsequent opening of financial bids and financial evaluation shall be done only of bids declared successful in techno-commercial evaluation.

12.3 Techno-commercial Evaluation

Only substantively responsive bids shall be evaluated for techno-commercial evaluation. In evaluating the techno-commercial bid, conformity to the eligibility/ qualification criteria, technical specifications, and Quality Assurance; and commercial conditions of the offered Goods to those in the Tender Document is ascertained. Additional

factors incorporated in the Tender Document shall also be considered in the manner indicated therein. Bids with substantive techno-commercial deviations shall be rejected as nonresponsive. Procuring entity reserves its right to consider and allow minor deviations in technical and Commercial Conditions as per ITB-clause 12.1.2.

12.3.1 Evaluation of eligibility

Procuring Entity shall determine, to its satisfaction, whether the Bidders are eligible as per ITB-clause 3 above to participate in the Tender Process as per submission in Form 1.2: Eligibility Declarations in Form 1: bid Form. Tenders that do not meet the required eligibility criteria prescribed shall be rejected as nonresponsive.

12.3.2 Evaluation of Qualification Criteria

Procuring Entity shall determine, to its satisfaction, whether the Bidders are qualified and capable in all respects to perform the contract satisfactorily as per submission in Form 4. This determination shall, inter-alia, consider the Bidder's financial, technical and production or other prescribed capabilities for satisfying requirements incorporated in the Tender Document. The determination shall not consider the qualifications of other firms such as the Bidder's subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the bidding document), or any other firm(s) different from the Bidder.

12.3.3 Evaluation of Conformity to Schedule of Requirements and Technical Specifications/ Quality Assurance

Procuring Entity shall evaluate schedule-wise conformity of the description, scope of supply, quantity, delivery schedules, terms of delivery, transportation of the offered goods to Section V- Schedule of requirements as per submissions in Form 2: 'Schedule of Requirements - Compliance'. Technical specifications, drawings, quality assurance and other technical terms and conditions of the Bids shall be examined, as per Form 3: 'Technical Specifications and Quality Assurance - Compliance'. Unless otherwise stated in the BDS, alternative offers/ makes/ models shall not be considered.

12.3.4 Evaluation of Conformity to Commercial and Other Clauses

Bidder must comply with all the Commercial and other clauses of the Tender Document as per submissions in Form 5. The Procuring Entity shall also evaluate the commercial conditions quoted by Bidder to confirm that all terms and conditions stipulated in the Tender Document have been accepted without substantive omissions/ reservations/ exception/ deviation by the Bidder. Deviations from or objections or reservations to critical provisions such as those concerning Governing laws and Jurisdiction (GCC Clause 3), Contractor's Obligations and Restrictions of its Rights (GCC Clause 5), Performance Bond/ Security (GCC Clause

5.8), Warranty/ Guarantee (GCC Clause 6.7), Force Majeure (GCC Clause 9.13), Taxes & Duties (GCC Clause 10.2) and Code of Integrity (GCC Clause 13) will be deemed to be a material deviation.

12.3.5 Declaration of Techno-commercially Suitable Bidders and Opening of Financial Bids

Bids that succeed in the above techno-commercial evaluation shall be considered techno-commercially suitable, and financial evaluation shall be done only of such Bids. The list of such techno-commercially suitable bidders and date/time and venue for the opening of their financial bids shall be declared on the Portal in accordance with ITB-clause 12.2.2 as per the type of Tender Processes.

12.4 Evaluation of Financial Bids and Ranking of Bids

12.4.1 Ranking of Financial Bids

1. Unless otherwise stipulated, evaluation of the financial bids shall be on the price criteria only. Financial Bids of all Techno-commercially suitable bids are evaluated and ranked to determine the lowest priced bidder.
2. Unless otherwise stipulated, the comparison of the responsive Bids shall be on total outgo from the Procuring Entity's pocket, to be paid to the contractor or any third party, including all elements of costs as per the terms of the proposed contract, duly delivered, commissioned, etc. as the case may be, including any taxes, duties, levies etc., freight, transit Insurance, loading/ unloading/ stacking, insurance etc.
3. The bid for a schedule shall not be considered if the complete requirements prescribed in that schedule are not included in the bid;
4. If any bidder offers conditional discounts/ rebates in his bid or suo motu discounts and rebates after the Bid Opening (techno-commercial or financial), such rebates/ discounts shall not be considered for ranking the offer. But if such a bidder does become L-1 without discounts/ rebates, such discounts/ rebates shall be availed and incorporated in the contracts;
5. Unless announced beforehand, the quoted price shall not be loaded based on deviations in the techno-commercial conditions. If it is so declared, such loading of the financial bid shall be done as per the relevant provisions;
6. As per policies of the Government, from time to time, the Procuring Entity reserves its option to give purchase preferences to eligible categories of Bidders as indicated in the Tender Document.
7. evaluation of Bids shall include and consider the following taxes/ duties, as per ITB-clause 6.3 above:

	<p>a. GST & other similar duties, which shall be contractually payable, on the Goods if a contract is awarded on the bidder;</p> <p>b. The offers shall be evaluated based on the GST rate quoted by each bidder, and the same shall be used for determining the inter-se ranking. The Procuring Entity shall not be responsible for any misclassification of HSN Number or incorrect GST rate if quoted by the bidder. Any increase in GST rate due to misclassification of HSN number shall have to be absorbed by the supplier; and</p> <p>c. If GST is quoted extra, but with the provision that it shall be charged as applicable at the time of delivery, the offer shall be evaluated for comparison purposes by loading the maximum existing rate of GST for the product/ HSN code.</p> <p>8. Price Variation: Deleted</p> <p>9. Ambiguous Financial bid: If the financial bid is ambiguous and leads to two equally valid total price amounts, it shall be rejected as nonresponsive.</p> <p>12.4.2 Global Tender Enquiry (GTE, International Competitive Bidding) as detailed in Bid Data Sheet</p> <p>12.4.3 Evaluation Process in Tender cum e-Reverse Auction- Deleted</p> <p>12.4.4 Cartel Formation/ Pool Rates</p> <p>1. If Procuring Entity decides this to be a case of Cartel/ Pool Rates, leading to “Appreciable Adverse Effect on Competition” (AAEC) as identified in Competition Act, 2002, as amended from time to time, it reserves its rights to:</p> <p>a) order any quantity on any one or more bidders without assigning any reason thereof.</p> <p style="text-align: center;">And/ or</p> <p>b) consider it as a violation of the Code of Integrity and reject the bid(s) as nonresponsive in addition to other punitive actions provided in this regard in the Tender Document. In addition to such remedies, the Procuring Entity also reserves the right to refer the matter to the Competition Commission of India (CCI) for obtaining necessary relief. In addition, the attention of the bidders is drawn to Chapter VI of the “The Competition Act 2002”, which deals with Penalties. Such</p>
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actions shall be in addition to other rights and remedies available to the Procuring Entity under the contract and Law.

12.4.5 Reasonableness of Rates Received

Procuring Entity shall evaluate whether the rates received in the Bids in the zone of consideration are reasonable. If the rates received are considered abnormally low or unreasonably high, it reserves its right to take action as per the following sub-clauses, or as per ITB-clause 2.3, reject any or all Bids; abandon/ cancel the Tender process and issue another tender for the identical or similar Goods.

12.4.6 Consideration of Abnormally Low Bids

An Abnormally Low bid is one in which the bid price, in combination with other elements of the bid, appears so low that it raises substantive concerns as to the Bidder's capability to perform the contract at the offered price. Procuring Entity shall in such cases seek written clarifications from the Bidder, including detailed price analyses of its bid price concerning scope, schedule, allocation of risks and responsibilities, and any other requirements of the Tender Document. If, after evaluating the price analyses, procuring entity determines that Bidder has substantively failed to demonstrate its capability to deliver the contract at the offered price, the Procuring Entity shall reject the bid/ proposal, and evaluation shall proceed with the next ranked bidder.

12.4.7 Price Negotiation

Usually, there shall be no price negotiations. However, the Procuring Entity reserves its right to negotiate with the lowest acceptable bidder (L-1), who is techno-commercially suitable for supplying bulk quantity and on whom the contract would have been placed but for the decision to negotiate.

<p>13. Award of Contract</p>	<p>13.1 The Procuring Entity's Rights</p> <p>13.1.1 Right to Vary Quantities at the Time of Award</p> <p>Unless otherwise stipulated in Bid Data Sheet, at the time of contract award, the Procuring Entity reserves the right to increase or decrease, without any change in the unit prices or other terms and conditions of the bid and the Tender Document, the quantity of Goods originally stipulated in Section V: Schedule of Requirements, provided this increase/ decrease does not exceed 25 (twenty-five) percent of tendered quantity (or any other percentage indicated in the Tender Document).</p> <p>13.1.2 Parallel Contracts or Splitting of Award</p> <ol style="list-style-type: none"> 1. After the Price Bid opening, the lowest offer will be declared as the L1 bidder. CMSS reserves right to negotiate prices with L1 bidder in justified cases. 2. If two or more than two bidders are declared as lowest bidders for the same item(s) (i.e. emerge L1), such bidders will be eligible for placement of Purchase Orders for equal proportion of tendered quantities (50:50 or 33.33:33.33:33.33) for such item(s) for which they are declared as lowest (L1). 3. In all other cases, unless stipulated otherwise in bid data sheet, in order to maintain uninterrupted supplies, CMSS will place orders with minimum of two bidders for tendered product with 70% of the orders given to L1 and the balance 30% to the next Matched Lowest bidder. 4. Accordingly, CMSS will counter offer the lowest rate (L1 rate) to other bidders in the order of their ranking i.e. L2, L3 and so on will be asked to match the L1 price. In case there is no L2 /matched bidder, 100% of the tendered quantity can be offered to L1 bidder. Quantity beyond quoted quantity including delivery schedule thereof will be ordered on mutual consent. Also, delivery schedule for quantity in consideration in accordance with Para 13.1.1 above will be with mutual consent. 5. In case L1 bidder has quoted for 50% quantity, the balance quantity will be offered to L2 and L3 bidders for 30% and 20% quantity respectively. In case, there is no L3/matched bidder, 70% of tendered quantity shall be offered to L1 bidder on mutual consent. However, if L1 bidder does not agree to supply 70% of tendered quantity, balance 50% quantity may be offered to L2/matched bidder in case. <p>13.1.3 Deleted</p>
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13.2 Letter of Award (Acceptance - LoA) and Signing of Contract

13.2.1 Selection of Successful Bidder(s)

The Procuring Entity shall award the contract to the Bidder(s) whose bid(s) is Techno-commercially suitable and bid price(s) is lowest and reasonable, as per evaluation criteria detailed in the Tender Document.

13.2.2 Verification of Original Documents

The Procuring Entity may, at its discretion, ask Bidder to submit for verification the originals of all such documents whose scanned copies were submitted online along with the technical bid. If so decided, the photocopies of such self-certified documents shall be verified and signed by the competent officer and kept in the records as part of the contract agreement. If the Bidder fails to provide such originals or in case of substantive discrepancies in such documents, it shall be construed as a violation of the Code of Integrity. Such bid shall be liable to be rejected as nonresponsive in addition to other punitive actions in the Tender Document.

13.2.3 Letter of Award (LoA)

1. The Bidder, whose bid has been accepted, shall be notified of the award by the Procuring Entity before the expiration of the Bid-Validity period by written or electronic means. This notification (hereinafter and in the Conditions of Contract called the "Letter of Award - LoA") shall state the sum (hereinafter and in the contract called the "Contract Price") that the Procuring Entity shall pay the contractor in consideration of the supply of the Goods. The Letter of Award (LoA) shall constitute the legal formation of the contract, subject only to the furnishing of performance security as per the provisions of the sub-clause below.
2. It shall be mandatory for the successful bidder to be registered on GeM and obtain a unique GeM Seller ID before the placement of LoA or the contract. This ID shall be incorporated in the contract.

13.2.4 Performance Security

1. Within 14 days of receipt of the Letter of Award (LoA, or the contract if LoA has been skipped), performance Security as per details in GCC-5.8 shall be submitted by the contractor to the Procuring Entity.
2. If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award, besides taking any other administrative punitive action.

3. If the bidder, whose bid is the lowest evaluated bid, withdraws or whose bid has been accepted, fails to sign the procurement contract as may be required or fails to provide the security as may be required for the performance of the contract or otherwise withdraws from the procurement process, the Procuring Entity shall cancel the procurement process. If the Procuring Entity is satisfied that it is not a case of cartelization and that the integrity of the procurement process has been maintained may offer the next successful bidder an opportunity to match the financial bid of the first successful bidder, and if the offer is accepted, award the contract to the next successful bidder at the price bid of the first successful bidder.

13.2.5 Signing of Contract

1. Within seven working days of receiving performance security, the Procuring Entity shall send the Long Term Agreement (LTA) form duly completed and signed, in duplicate, by registered/ speed post or by suitable digital means to the successful Bidder.
2. The successful Bidder shall return the original copy of the LTA, duly signed and dated, within seven days from the date of its receipt, to the Procuring Entity by registered/ speed post or by a suitable digital means.
3. Purchase Orders, containing complete details including consignee wise allocation, against LTA shall be issued separately by tender inviting authority. There can be multiple purchase orders against the LTA quantity.
4. The format of LOA, LTA, Purchase Order is given at format -1, 1A & 1B respectively

13.2.6 Return of EMD/ Expiry of bid Declaring Declarations – In accordance with ITB 9.4 above, the EMD shall be returned back within 30 days of award of contract and receipt of Performance Security from successful bidder. Bid securing declaration submitted by MSEs/ Startups shall also expire on award of contract and receipt of Performance Security from successful bidder.

13.2.7 Publication of Tender Result

The name and address of the successful Bidder(s) receiving the contract(s) shall be published in the Portal and notice board/ bulletin/website of the Procuring Entity.

14. Grievance Redressal/ Complaint Procedure	<ol style="list-style-type: none"> 1. Bidder has the right to submit a complaint or seek de-briefing regarding the rejection of his bid, in writing or electronically, within 03 days of declaration of techno-commercial or financial evaluation results. The complaint shall be addressed to the Head of Procurement. 2. Within 03 days of receipt of the complaint, the Tender Inviting Officer shall acknowledge the receipt in writing to the complainant indicating that it has been received, and the response shall be sent in due course after a detailed examination. 3. The Tender Inviting Officer shall convey the final decision to the complainant within 15 days of receiving the complaint. No response shall be given regarding the confidential process of evaluating bids and awarding the contract before the award is notified, although the complaint shall be kept in view during such a process. However, no response shall be given regarding the following topics explicitly excluded from such complaint process: <ol style="list-style-type: none"> a. Only a bidder who has participated in the concerned Tender Process, i.e., pre-qualification, bidder registration or bidding, as the case may be, can make such representation. b. Only a directly affected bidder can represent in this regard. <ol style="list-style-type: none"> i. In case a technical bid has been evaluated before the opening of the financial bid, an application for review concerning the financial bid may be filed only by a bidder whose technical bid is found to be acceptable. c. Following decisions of the Procuring Entity shall not be subject to review: <ol style="list-style-type: none"> i. Determination of the need for procurement. ii. Complaints against specifications except under the premise that they are either vague or too specific to limit competition iii. Selection of the mode of procurement or bidding system; iv. Choice of the selection procedure. v. Provisions limiting the participation of bidders in the Tender Process, in terms of policies of the Government vi. Provisions regarding purchase preferences to specific categories of bidders in terms of policies of the Government vii. The decision to enter into negotiations with the L-1 bidder; and viii. Cancellation of the Tender Process except where it is intended to subsequently re-tender the same Goods.
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15. Code of Integrity in Public Procurement, Misdemeanours and Penalties:	<p>Procuring authorities, bidders, suppliers, contractors, and consultants should observe the highest standard of integrity and not indulge in prohibited practices or other misdemeanours, either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts. GCC-clause 13 (including the penalties prescribed therein) shall be considered to be part of this clause of ITB (even though it is not being reproduced here for the sake of brevity) and shall apply mutadis mutandis during the pre-award tender process.</p>
16. Integrity Pact	<ol style="list-style-type: none"> 1. Unless otherwise stipulated in the BDS, the Integrity Pact is part of the contract and its conditions bind the parties concerned. Accordingly, Bidders will have to sign Integrity Pact with the procuring entity as per Form 1.4. Only those vendors/bidders who commit themselves to such a pact with the buyer would be considered competent enough to participate in the tender process. In other words, entering into this Pact would be an eligibility criterion. 2. The pact envisages an agreement between the prospective vendors/bidders and the buyer, committing the persons/officials of both sides not to resort to any corrupt practices in any aspect/stage of procurement process and the contract. Only those vendors/bidders who commit themselves to such a pact with the buyer would be considered competent enough to participate in the tender process. In other words, entering into this Pact would be an eligibility criterion. The essential ingredients of the Pact include: <ol style="list-style-type: none"> a) Promise on the part of the Procuring Entity to treat all bidders with equity and reason and not to seek or accept any benefit that is not legally available; b) Promise on the part of bidders not to offer any benefit to the employees of the Procuring Entity not available legally; c) Promise on the part of Bidders not to enter into any undisclosed agreement or understanding with other bidders with respect to prices, specifications, certifications, subsidiary contracts, etc. d) Promise on the part of Bidders not to pass any information provided by Principal as part of business relationship to others and also not to commit any offence under Prevention of Corruption Act, 1988 or Indian Penal Code 141 (IPC) 1860; e) Foreign bidders are to disclose the name and address of agents and representatives in India, and Indian Bidders are to disclose their foreign principals or allied firms; f) Bidders to disclose the payments to be made by them to agents / brokers or any other intermediary; g) Bidders are to disclose any transgressions with any other public / government organization that may impinge on the anti-corruption

	<p>principle. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which the competent authority took cognizance of the said transgression. The period for which such transgression(s) is/ are to be reported by the bidders shall be the last three years to be reckoned from the date of bid submission. The transgression(s) for which cognizance was taken even before the specified period of three years but is pending conclusion shall also be reported by the bidders.</p> <p>h) Any violation of the Integrity Pact would be considered as a violation of the Code of Integrity and would entail punitive provisions thereof including disqualification of the bidders and exclusion from future business dealings, as per the of GFR, 2017, PC Act, 1988 and other Financial Rules/ Guidelines, etc., as may be applicable to the organization concerned;</p> <p>3. The integrity Pact would be implemented through a panel of Independent External Monitors (IEMs). The particulars of all IEMs, including their email IDs, are mentioned in BDS.</p> <p>4. A person signing the Integrity Pact shall not approach the Courts while representing the matters to IEMs, and they shall await their decision.</p> <p>5. In the case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In the case of sub-contracting, the principal contractor shall take responsibility for the sub-contractor's adoption of the integrity pact. It is to be ensured that all sub-contractors also sign the Integrity Pact. In the case of sub- contractors, the integrity pact shall be a tri-partite arrangement to be signed by the Organization, the contractor, and the sub-contractor. With respect to a particular contract, the Integrity Pact shall be operative from the date both parties sign it.</p> <p>6. Role of IEMs in Integrity Pact Contracts:</p> <p>a) Bidders or their authorised representative may address to the IEMs all the representations/grievances/complaints related to any discrimination on account of lack of fair play in modes of procurement and tendering systems, tendering method, eligibility conditions, bid evaluation criteria, commercial terms & conditions, choice of technology/specifications etc.</p> <p>b) The entire panel of IEMs should examine the matter jointly, who would investigate the records, conduct an examination, and submit their joint recommendations to the Management of the Procuring Entity. If the entire panel is unavailable for unavoidable reasons, the available IEM(s) shall examine the complaints. Consent of the IEM(s), who may not be available, shall be taken on record. The IEMs would be provided access to all</p>
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	<p>documents/records of the tender for which a complaint or issue is raised before them, as and when warranted.</p> <p>c) The role of IEM is advisory, and the advice of IEM is non-binding on the Organization; however, their advice would help properly implement the Integrity Pact.</p> <p>7. In case of any dispute between the management and the contractor relating to those contracts where an Integrity Pact is applicable, in case both the parties are agreeable, they may try to settle the dispute through mediation before the panel of IEMs in a time-bound manner. If required, the organisations may adopt any mediation rules for this purpose. However, no more than five meetings shall be held for dispute resolution. Both parties shall equally share the fees/expenses on dispute resolution. If the dispute remains unresolved even after mediation by the panel of IEMs, the organisation may take further action as per the terms & conditions of the contract.</p>
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SECTION III: BID DATA SHEET (BDS)

Reference ITB Section	Description.
ITB 1.1	Purchaser- The Central Medical Services Society, an autonomous body under Ministry of Health and Family welfare, Government of India.
ITB 2.1	Tender Inviting Authority – DG & CEO, Central Medical Services Society, Ministry of Health and Family welfare, Government of India, New Delhi Address: 2 nd floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Road, Opposite Police Station Chanakaya Puri, New Delhi-110021 Telephones: 011-21410905, 21410906
ITB 3.4	<p>1. Following are eligible to participate:</p> <p>a) An Indian or Overseas Original Equipment Manufacturer (OEM) having a valid Manufacturing License issued by the Licensing Authority in the country of origin.</p> <p>In case the bidder is Manufacturer– Self Declaration of Manufacturer should be given.</p> <p>b) Indian Authorized Importer having a valid Import License issued by CDSCO.</p> <p>In Case the bidder is not the manufacturer- Manufacturer Authorization form as per Format 4 (Should be signed by both, Manufacturer and Bidder) should be given.</p> <p>2. Original Equipment Manufacturers (OEMs) shall submit bid either directly or through authorized importer. Bids, both by OEM and its authorized importers, shall be treated as multiple bids and shall be summarily rejected. Similarly bids by different authorized importers of same OEM shall be treated as multiple bids and all such bids shall be rejected.</p>
ITB 3.5	The Tender is floated as Global Tender Enquiry. Accordingly, Class I/Class II/Non-Local Suppliers are eligible to bid. Purchase Preference shall be given to Class I local suppliers as per the DPIIT PPP – MII Order No. F. No. 31026/36/2016-dated 16.02.2021 AND P-45021 /2/2017-PP (BE-II)-Part (4)-Vol. (II) dtd. 19.07.2024 (read with Department of Pharmaceuticals) or as amended till date.
ITB 3.6	MSEs (Micro & Small Enterprises) and Non- MSEs entities are eligible to bid.
ITB 5.1 (ii)	The Tender is floated as Global Tender Enquiry. Accordingly, Class I/Class II/Non-Local Suppliers are eligible to bid. Purchase Preference shall be given to Class I local suppliers as per the DPIIT PPP – MII Order No. F. No. 31026/36/2016-dated 16.02.2021 AND P-45021 /2/2017-PP (BE-II)-Part(4)-Vol. (II) dtd. 19.07.2024 (read with Department of Pharmaceuticals) or as amended till date.

ITB 5.2.1	<p>The bidders have to mandatorily quote for the schedules with Consumables (if any as per tech. specification) & CMC) i.e. basic machine (with 3 years warranty), CMCs for 05 years and cost Consumables (if any as per tech. specification).</p> <p>Purchase Order for CMC shall be placed after expiry of the warranty period of 3 years.</p> <ul style="list-style-type: none"> • Purchase Orders for Consumables (if any as per tech. specification) shall be placed separately on demand basis.
ITB 5.2.2	No change
ITB 6.1.3	<p>A. For Indian Manufacturers and CDSCO Approved Authorized Indian Importers:</p> <p>a) The DDU price of the quoted goods shall be assumed to include all taxes and duties like GST, custom duty, etc. already paid or payable on the components and raw material used in the manufacture or assembly of the Goods. The DDU prices shall also be assumed to include all charges towards inland transportation, insurance, and other local costs incidental to the delivery of the Goods to their final destination as stipulated in Section V: Schedule of Requirements.</p> <p>b) Any GST, which shall be payable on the Goods in India if the contract is awarded.</p> <p>c) The DDP consignee site prices shall be the final prices payable to the supplier inclusive of all duties and taxes for supply of goods and performing all incidental services related thereto as per scope of supply stipulated in the tender document.</p> <p>B. For Foreign Manufacturers:</p> <p>a) DDU prices shall be the price inclusive of all the duties and taxes payable till the port of entry in India. The DDU prices shall be assumed to include all charges towards inland transportation, insurance, and other local costs incidental to the delivery of the Goods to their final destination as stipulated in Section V: Schedule of Requirements.</p> <p>b) The duties and taxes shall include custom duty, GST and/ or any other taxes payable on the goods in India, if contract is awarded.</p> <p>c) The DDP consignee site prices shall include final prices payable to the supplier inclusive of all duties and taxes for supply of goods and performing all incidental services related thereto as per scope of supply stipulated in the tender document.</p>
ITB 6.1.6	<p>1) Indian manufacturers and CDSCO approved Indian Importers shall mandatorily quote all the prices in INR.</p> <p>2) Deleted</p> <p>3) Deleted</p>

ITB 7.3	All clarifications to the tender document should be addressed to Tender Inviting Authority. An email, seeking clarification to the bid document, should be sent at email id. agmproc6@cmss.gov.in ; with copy to parteeksharma@cmss.gov.in gmproc1@cmss.gov.in and dgceocmss@cmss.gov.in																									
ITB 8	Tender timelines are as under:																									
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	V	Spectro fluorophotometer	127129.00
	VI	FTIR with ATR Arrangement	77388.00
“ITB 9.2.1 Sub-para 1” and “10.3.1 Sub-para 6”	<p>Original copies of Earnest Money Deposit (applicable for all other bidders i.e., other than MSEs and Startups), as applicable, is to be submitted in a sealed cover. The envelope should be superscripted as Bid Securing Declaration/ Earnest Money Deposit against Tender No CMSS/PROC/2025-26/NTTLS/022 Dated 07/10/2025 Scheduled to be opened on 19/11/2025 at 04.00 PM.</p> <p>The documents should be sent in person/ courier so as reach the Tender Inviting Authority by the scheduled date and time, as indicated in Bid Data Sheet at ITB 8.</p>		
ITB 9.2.1.3	<p>Following documents are to be attached with the bid in support of compliance with Qualification Criteria: -</p> <p><u>(A) For Indian or Overseas Original Equipment Manufacturer (OEM):</u></p> <ul style="list-style-type: none"> i) Manufacturing License issued by CDSCO/Licensing Authority of the Foreign Country of origin for the quoted item, valid on the date of tender opening. j) Valid ISO 13485, issued by accredited certifying agency as detailed in “Section IV- Qualification Criteria”. k) Non-Conviction declaration as per Form-8. l) Performance Statement in support of having supplied same or similar items in the past in the Form 4.1 m) Certificate of Annual Production Capacity. n) Annual Turnover Statement of previous years in the Form 4.2 o) Audited Annual Reports of previous years. p) Details of complete user list of quoted model. q) Complete quoted product catalog with data sheet. r) Any other document stipulated in Section -IV: “Qualification Criteria”/ Bid document. <p><u>B) For Authorized Importers- All the documents of Manufacturers are to be given as per Section IV Qualification Criteria, however, in addition to above, following documents to be submitted:</u></p> <ul style="list-style-type: none"> s) CDSCO Import license for the quoted item valid on the date of tender opening. t) Manufacturer Authorization form as per Format 4 (Should be signed by both, Manufacturer and Bidder) should be given. u) Non-Conviction declaration as per Form-8. v) Performance Statement in support of having supplied same or similar items in the past in the Form 4.1 w) Annual Turnover Statement of previous years in the Form 4.2 x) Audited Annual Reports of previous years. y) Details of Service centers in various states. 		

	z) Any other document stipulated in Section -IV: “Qualification Criteria”/ Bid document.
ITB 9.2.1.5	Deleted
ITB 9.2.2	"Financial bid" shall comprise the Price Schedule (To be submitted separately as a PDF sheet) considering all financially relevant details, including Taxes and Duties as per ITB-clause 6.3. Financial Bid Format is attached as “Annexure-II”. No additional technical details, which have not been brought out in the technical bid shall be brought out in the financial bid.
ITB 10	The bid is published on CPP portal. Accordingly, bidders are requested to submit their bid online on CPP Portal.
ITB 12.4.2	<p>Global Tender Enquiry (GTE, International Competitive Bidding)</p> <p>This is a Global Tender Enquiry (International Competitive Bidding), the following additional aspects of the evaluation of the financial offer shall also apply:</p> <p>Evaluation of Offers</p> <p>The offers would be compared based on the principle of the total outgo from Procuring Entity’s pockets, including all applicable taxes and duties (Customs duty, IGST, and GST Cess, etc). The bidders are to quote prices based on DDP basis as stipulated in the Tender Document. The terms DDU, DDP etc., shall be governed by the rules & regulations prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris.</p>
ITB 13.1.2 (2)	No Change
ITB 13.1.2 (3)	No Change
ITB 16.1	No Change
ITB 16.3	<p>IEM’s : Name and Contact Details are as under:</p> <p>a) Sh. B. Siddhartha Kumar, 7. Email Id : bsiddharthak_66@rediffmail.com</p> <p>b) Sh. Arun Kumar Sinha 8. Email Id: aksinha2@yahoo.com</p>

SECTION-IV -QUALIFICATION CRITERIA

1. For quoted “Equipment”, CDSCO must have issued manufacturing license / import license, for usage of quoted product in the country as per MDR Act, valid on the date of tender opening.
2. **Original Equipment Manufacturers (OEMs)**, whose “Equipment” is offered for supply by the bidders, must meet the following essential requirements:
 - a) The manufacturers must have Manufacturing License from Country’s Regulatory Authority.
 - b) The quoted Equipment should meet IQ/OQ/PQ criteria required for NABL ISO 17025 certification purpose.
 - c) The quoted “Equipment’s/Machine” shall be manufactured at a site compliant with the requirements of ISO 13485 issued by accredited certified agency.
 - d) The bidder shall submit a duly signed declaration (As per Form-8) on company letterhead confirming that the firm has not been convicted or blacklisted under the Drugs and Cosmetics Act or any other applicable regulatory framework. The self-declaration will be a legally binding document. Any false declaration, if detected at any stage, shall attract immediate rejection of the bid, blacklisting of the firm, and other legal/penal action as deemed appropriate. The procuring authority 'CMSS' reserves the right to verify the authenticity of the self-declaration through random checks with CDSCO/State Licensing Authorities or other regulatory bodies.
 - e) The OEM or authorized dealer/distributed of offered equipment’s must have installed at least 50 numbers of HPLCs, 25 numbers of GC-MS/MS, 25 numbers of LC-MS/MS , 25 numbers of Spectro Fluorophotometer, 25 numbers of FTIR and 10 numbers of installation of ICP-MS in the past.
 - f) The manufacturer should have supply and installed (Directly or through any authorized of its seller) in last three years from the date of tender opening, at least 50% of the quoted quantity (Rounder to next whole number) of the similar equipment’s meeting the major parameters of technical specification of the same/similar model in Institution like IIT, IISC, CSIR and IISER institution, within the last three years, ending on the date of the technical bid opening . A certificate performance certificate from the respective institution/organization must be provided for the requested or similar products, Issued/installed within the last three years. The certificate should be dated not more than six months prior of the institution or department, including their contract details. If the equipment’s represents a new technology introduced within the past 36 months, experience with similar equipment may be considered acceptable. A copy pf PO must also be attached.
 - g) The Manufacturer/bidder of “Equipment’s/Machine” must submit Complete user list for the quoted model or similar model in India with contact addresses, emails and phone numbers along with the bid.
 - h) The purchaser buyer reserve the right to ask for free demonstration (The bidder is responsible for all cost associated with technical demonstration as well as any required materials.) of the quoted equipment’s to verify compliance with the quoted technical specification in the bid at the discretion of the technical evaluation committee and must be provided by the bidder within 30days of receiving the information/letter from the buyer. This demonstration will take place at the premises of mutually agreeable place, before the opening of price bid.

- i) Manufacturer/bidder must submit quoted item Complete Catalog along with Data sheets of each quoted item with clearly marking specifications as per the tender specification.
- j) Manufacturer/bidder must submit details of the coverage of the instrument parts during warranty and CMC periods. (List of Parts/consumables to be covered under Warranty and CMC Periods)
- k) Manufacturer/bidder must submit exemption certificate for make in India for consumable items if the quoted equipment is closed system.)
- l) The Manufacturer of “Equipment’s/Machine” must have annual production capacity of at least 1.5 times of the quoted quantity. Annual capacity certificate, issued by the regulatory authority in Country of Manufacture/ practicing Chartered Accountant in India, must be submitted along with the bid.
- m) The Manufacturer of “Equipment’s/Machine” must have average annual turnover of last three F.Y. 2022-23, 2023-24 and 2024-25 more than the followings:

Schedule	Average Annual turnover for 100% of Quoted Quantity (in INR)
I	1,54,08,426
II	4,29,00000
III	9,64,13,434
IV	3,43,20,000
V	25,42,572
VI	15,47,753

*For Foreign manufacturers, the above value in INR would be equivalent in foreign currency at the BC Selling exchange rate as notified by SBI, New Delhi, prevalent on the date of tender opening.

In case the quoted quantity is more than 50% but less than 100%, the turnover requirement shall be proportionately calculated. Annual turnover statement for last three financial years should be furnished in the format given in Section IX Form 4.2 duly certified by the practicing Chartered Accountant / Indian Embassy in Manufacturing Country. The certifying Chartered Accountant must indicate the details along with its UDIN.

- n) Copies of the manufacturer audited Annual reports including the Balance Sheet and Profit and Loss Account for the last three years i.e., 2022-23, 2023-24 and 2024-25 duly certified by a practicing Chartered Accountant, where ever applicable.

NOTE: For Foreign manufacturer, all the document submitted along with the technical bid, are to be verified by Indian Embassy in the Manufacturing Country/ Practicing Chartered Accountant in India.

3. In case, bidder is CDSCO **authorized importer**, in addition to all the criteria's stipulated above, the bidder shall meet following additional requirement:
- a) Bidder should have executed at least one contract in the last three years from the date of tender opening of the quoted item anywhere in India.(Preferably in Govt. Organization/Institutions)
- b) The bidder must have average annual turnover of last three F.Y. 2022-23, 2023-24 and 2024-25 more than the followings:

Schedule	Average Annual turnover for 100% of Quoted Quantity (in INR)
I	1,54,08,426
II	4,29,00000
III	9,64,13,434
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V	25,42,572
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- c) Copies of the bidder's audited Annual reports including the Balance Sheet and Profit and Loss Account for the last three years i.e. 2022-23, 2023-24 and 2024-25 duly certified by a practicing Chartered Accountant, where ever applicable.
- d) The bidder shall submit a duly signed declaration (As per Form-8) on company letterhead confirming that the firm has not been convicted or blacklisted under the Drugs and Cosmetics Act or any other applicable regulatory framework. The self-declaration will be a legally binding document. Any false declaration, if detected at any stage, shall attract immediate rejection of the bid, blacklisting of the firm, and other legal/penal action as deemed appropriate. The procuring authority 'CMSS' reserves the right to verify the authenticity of the self-declaration through random checks with CDSCO/State Licensing Authorities or other regulatory bodies.
- e) Bidder must submit OEM authorization as given in Format 4 of the bid document.
- f) Bidder must submit quoted item Complete Catalog along with Data sheets.

4. The bidder shall submit a quality assurance report from any of the designated agencies indicated in the tender documents viz. SGS/Lloyds/Veritas/UL/TUV-SUV and/or any other authorized accredited body confirming compliance of the quoted model parameters with technical specifications indicated in the tender document.
5. Bidder should have service centers in all the location where the proposed Equipment's/machines are Installed/consigned. List of service center with technical staff should be submitted along with the technical bid.
6. Bidder must have submitted Compliance statement for Quoted item as per FORM-3.

SECTION V

SCHEDULE OF REQUIREMENTS

LIST OF PRODUCTS & THEIR TECHNICAL SPECIFICATIONS

Sch. No.	Item Name	Total Tentative Quantity	Unit	Detailed Technical Specifications of the Goods/Drugs	Inspection Methodology (PDI/Non-PDI)	Consignee Location
I	HPLC-with Photodiode Array (PDA) Fluorescence detector (FLD), and refractive Index detector	3	Nos.	As per Section VI	Refer GCC clause no. 7	Direct to programme division's consignees
II	GC-MS/MS	3				
III	LC-MS/MS	3				
IV	ICP-MS with microwave digestion system	3				
V	Spectro-fluorophotometer	1				
VI	FTIR with ATR Arrangement	1				

(Please refer technical specifications attached in SECTION VI)

A. Delivery Terms:

- (a) The delivery shall be on DDP (Destination basis).
- (b) Delivery Schedule: 90 days from LOA for delivery and installation of the Equipment/ Machine.

B. Delivery Locations:

Details of Consignee locations of Programme Division are as under:-

Sch. No.	Item Name	Total Tentative Quantity	Consignee Location
I	HPLC-with Photodiode Array (PDA) Fluorescence detector (FLD), and refractive Index detector	3	NTTLs Noida-01 NTTLs Mumbai-01 NTTLs Guwahati-01
II	GC-MS/MS	3	NTTLs Noida-01 NTTLs Mumbai-01 NTTLs Guwahati-01
III	LC-MS/MS	3	NTTLs Noida-01 NTTLs Mumbai-01 NTTLs Guwahati-01
IV	ICP-MS with microwave digestion system	3	NTTLs Noida-01 NTTLs Mumbai-01 NTTLs Guwahati-01
V	Spectro- fluorophotometer	1	NTTLs Noida
VI	FTIR with ATR Arrangement	1	NTTLs Noida

CMSS reserve the right to change the consignee at any time if required.

SECTION VI






TECHNICAL SPECIFICATIONS AND QUALITY ASSURANCE

Technical Specification for HPLC-with Photodiode Array (PDA) Fluorescence detector (FLD), and refractive Index detector

Final

Technical Specification for High Performance Liquid Chromatography with Photodiode Array (PDA) Detector, Fluorescence Detector (FLD) and Refractive Index (RI) Detector	
A bench top, HPLC-PDA, FLD and RI Detector system should be quoted as below:	
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.	
Final Technical Specification for procurement	
Solvent Delivery System	<ul style="list-style-type: none"> a) A Quaternary Pump System for using four solvents with integrated Degasser where a user can choose up to four solvents in combination. b) "Manual/Software controlled / Automatic rinsing c) Gradient Mixer and Reservoir Tray d) Flow Rate Range: 0.2 to 5 ml/min, with 0.01 ml/min increments. e) Flow rate accuracy: $\pm 1\%$ of the set flow rate f) Flow Rate precision: 0.075% RSD or higher precision g) Operating Pressure: minimum 9000 psi or better h) Proportioning /Gradient accuracy: $\pm 1\%$ of the step gradient i) Proportioning/Composition precision: 0.5% or better j) Safety/Diagnostic Features: Error detection and display, Leak detection & safe leak handling excess pressure monitoring.
Auto Sampler	<ul style="list-style-type: none"> a) Should have facility to hold multiple vials. b) Number of samples to be processed automatically random access up to 90 numbers or higher for ≥ 1.5ml vials Capacity. c) Carryover should be $< 0.005\%$ d) $\pm 0.5\%$ at 20 μL or better standard injection range. e) Injection volume accuracy must be below 0.5 % (5 μL injection, $n = 20$). f) Sample Compartment: 4 – 40 $^{\circ}\text{C}$.

Column Compartment	<ul style="list-style-type: none"> a) Thermostatted Column Compartment b) Number of columns accommodated Minimum 2 (300 mm) or more c) Temperature stability/precision $\pm 0.1^{\circ}\text{C}$ d) Temperature range from 15°C to 80°C e) Temperature accuracy: $\pm 1^{\circ}\text{C}$ f) Cooling system peltier based or equivalent technology. g) Preferably with Safety measures: Solvent sensor, temperature fuse, temperature upper limit, fluid leak sensors, fast-cool button.
PDA detector	<ul style="list-style-type: none"> a) Light Source: Deuterium and Tungsten Lamp b) Wavelength range: 190 - 800 nm or better, settable in 1nm increments. c) Diode element minimum 1024 d) Wavelength Accuracy: ± 1 nm e) Wavelength precision: ± 0.1 nm f) Linearity: Deviation at $2.0 \text{ AU} \leq 5\%$ g) Noise: $\leq 10 \times 10^{-5} \text{ AU}$ peak to peak, 254 nm h) Drift: $1 \times 10^{-3} \text{ AU/h}$ i) Acquire data up to 80 Hz or more j) The detector must provide comprehensive and interactive diagnostic information on the unit. k) Detector Should have Temperature Control Flow cell and Flow cell having Cell temperature control range 19 to 50°C, 1°C Step l) In flow cell, i) Detector must have path length of 10mm flow length and 10 to 15 μL volume.
Fluorescence Detector	<ul style="list-style-type: none"> a) Programmable single wavelength (excitation and emission) fluorescence detector b) Light source: Xenon flash lamp or Equivalent" c) Wavelength range: "Excitation 200 nm to 600 nm or better d) Emission 265 nm to 600 nm better e) Spectral bandwidth: 20 nm f) Wavelength accuracy: ± 3 nm g) Wavelength reproducibility: ± 0.25 nm

	<ul style="list-style-type: none"> h) Signal to Noise ratio for Water Raman peak should be > 500. i) Flow Cell Volume < 15 μL j) Pressure resistance approx. 145 psi (10 bar) or higher. k) Cell material Biocompatible or PTFE or quartz for more participation. l) Long Life Xenon Lamp, not less than 2000 hrs
RI Detector	<ul style="list-style-type: none"> a) Refractive Index Range: 1.00 to 1.75 RIU b) Measurement range: 500 μRIU to 650 μRIU or better. c) Noise level should be $\leq 2.5 \times 10^{-9}$ RIU/hr d) Flow cell volume: 10 μL or lower e) Compatible Flow Rate: 0.1 – 5 mL/min.
Column	<ul style="list-style-type: none"> a) HPLC Column with pentafluorophenyl (PFP) stationary phase; Dimension: 3-micron particle size, 150 x 4.6 mm (Quantity - 2) b) C-18 HPLC Column with sub 5-micron particle size packing material or equivalent; Dimension: 250 x 4.6 mm. (Quantity - 2). c) C-8 HPLC Column sub 5-micron particle size packing material or equivalent. Dimension: 250 x 4.6 mm (Quantity - 1) d) Silica HPLC Column with sub 5-micron particle size packing material or equivalent; Dimension: 250 x 4.6 mm. (Quantity-1) (Normal phase HPLC analysis)
CONTROL SOFTWARE	<ul style="list-style-type: none"> a) System Controller. Required LC connect software with system suitability. b) Suitable software 21 CFR PART II compliance. c) The software must offer free lifetime upgrades along with 3 offline license & 21CFR Part 11 compliance.
Computer and printer	<ul style="list-style-type: none"> a) Branded Core i7 processor Computer with accessories, Laser Printer for print out of the generated data in the system. b) 16 GB RAM, 1TB Hard disc, 24 inch monitor, Operation of the system with recent version of software.
UPS System	<ul style="list-style-type: none"> a) 3 KVA UPS System with minimum 1 hour battery backup










Warranty	a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] (annual basis) including accessories. b) Frequency of visits c) For breakdown visits (as and when required) d) For preventive maintenance (twice a year). e) Detail Coverage of the instrument during the warranty and CMC period. f) Terms of payment during CMC period
Training and Performance of the System	a) Vendor to provide both on-site and operator training for users on the system start-up, usage, maintenance, quality control, trouble shooting. b) All consumable parts should cover except columns, chemical and vials during warranty and CMC period. c) On site Calibration with traceable reference material, to be done by the supplier on installation and there after every six months during warranty and CMC period d) On Site Training at the time of installation.
Other Conditions	a) The system quoted should be of latest model and the spares and services should be available for next 10 years. b) If it is a closed system, exemption certificate for make in India should be made available for consumable items also.
Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.
Demonstration	a) Demonstration of equipment before opening of financial bid.
IQ/OQ/PQ	a) The supplier should provide IQ, OQ, PQ of the equipment. b) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.







Signature of Technical Committee Members

(Dr. L. Swasticharan)
Chairman
Addl. DDG & Director EMR
Dte. GHS, MoHFW

(Dr. Avinash Sunthia)
Member Secretary
SMO
Dte. GHS, MoHFW

(Prof. Shrikant Kukreti)
Member
Technical Expert
Professor-DU

(Dr. Gyan Prakash Sharma)
Member
Technical Expert
Ex-Director FRSL

10.7.24

(Dr. Mausumi Bhardwaj)
Co-Member
Scientist G and In-charge NICPR Noida

10.7.24

(Dr. C Hariharan)
Member
Director -NTTL CDTL Mumbai

(Shri Dinesh Kumar)
Member
Director - NTTL RDITL Guwahati






DINESH KUMAR
Digitally signed by
DINESH KUMAR
Date: 2024.07.11
19:29:27 +05'30'

Technical Specification of GC-MS/MS

Final

Technical Specification for GC-MS/MS	
A bench top, High Sensitive Triple / Tandem Quadrupole GC-MS/MS system should be quoted as below:	
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.	
S.No.	Parameter
Final Technical Specification for procurement	
1	General Features <ol style="list-style-type: none"> GC-MS/MS with the following specification is required to carry out analysis of tobacco for Polycyclic aromatic Hydrocarbon (PAH), flavours, pesticide residues etc. All the variables like temperature, pressure, flow should be electronically controlled. Auto gas shutoff in case of power failure should be there. All the required licensed software versions (with data collection, interpretation, report generators and latest NIST and/or Wiley library for flavours, pesticides, PAH etc.) to run the equipment independently with Pesticide, flavours MRM Database with a suitable branded computer with latest operating software. The system should have touch-screen user friendly interface for direct instrument control with USB access. Intelligent features like EMF, etc. should be built into the system. RT locking/ RT Holding/RT Alignment. Feature.
2	Auto Sampler <ol style="list-style-type: none"> 160 vial capacity or more. Must allow installation and automation of suitable syringe featuring volumes upto 10µL or better. Injection range : 1 to 50% of syringe volume in increment of 1 %. 0.3% RSD area repeatability or better. Must be able to achieve combined multiple solvent rinsing with 4 different solvents
3	Headspace Sampler <ol style="list-style-type: none"> Minimum 60 sample vial capacity. Minimum 6 or more vial capacity incubation of 10 or 20 ml capacity (Combined Autosampler have 6 only, otherwise standalone HS is required). Transferline temperature: 400 °C or better Incubation oven temperature: 150 °C or better. The user should be able to use the Liquid Sampler and Headspace sampler with any of the 2 inlets without any manual intervention directly via SW.
	Solid phase Microextraction <ol style="list-style-type: none"> SPME Arrow mode with fiber conditioning module and this should be controlled directly from the instrument Incubation with agitation oven to be heated up to 150°C, and featuring 6 positions for 10/20 ml vials.

1 | Page



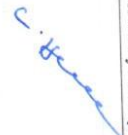







	(SPME for future applications)	<ul style="list-style-type: none"> b) Fiber conditioning module for fully unattended operations. c) Overcome the limited automation of other extraction techniques. d) (Since some samples are being tested by SPME technology hence it has been suggested.)
	Performance Specification	<ul style="list-style-type: none"> a) Retention time (RT) repeatability is 0.008% or 0.0008 minutes or less b) Typical Peak Area Repeatability: 0.3% RSD or better.
		(a) Independent line for liquid sampler and headspace sampler
4.	Injector	<ul style="list-style-type: none"> a) Capillary split/splitless injection modes (1 Nos.) (NTTL, Noida) b) Inlet 1: PTV / MMI or Equivalent Inlet, Inlet 2 : Split Splitless Inlet.
		Gas saver mode.
		a) Maximum range should be up to 400 °C.
		a) Programmable flow and pressure should be available.
		b) Split ratio 10000:1 or better or better.
		a) Pressure range 0.1 - 150 PSI or better.
	Injector (2)	<ul style="list-style-type: none"> a) Inlet 1: PTV / MMI or Equivalent Inlet: An Inlet providing the flexibility of a standard split/splitless inlet, along with a programmable temperature vaporizer (PTV) capability/ Equivalent, enabling large-volume injections should be provided. Temperature programming of up to 5 ramps or more at up to 800 °C/min or higher with EPC with a pressure range of 0.1 to 150 psi. b) The same inlet should also support cool injections for an improved signal response. c) Temperature programming of up to 3 ramps or more at up to 800 °C/min or higher with fully EPC /equivalent. d) Split ratio of 12000:1 or more. e) Following injection modes should be made available: <ul style="list-style-type: none"> a. Hot or cold split/splitless b. Pulsed split/splitless c. Solvent vent f) Direct (any other extra injection modes apart from this) g) (It may be used for gradient increase of temperature at various intervals). h) Inlet 2: Split Splitless Inlet i) An Inlet providing ability of a standard split/splitless inlet. It should be equipped with EPC with a pressure range of 0.1 to 100 psi. j) Maximum temperature of 400 deg. k) It should have a Gas saver mode or equivalent to reduce gas consumption without compromising performance.
5	Column Oven	<ul style="list-style-type: none"> a) Temperature programmable from ambient +5 °C to 400 °C or better b) Oven ramp: minimum ≥20 ramps or more. c) Typical heat-up: For about 175-300°C temperature range, ramp Rates should be 45°C/min or more. d) (Specifications has been suggested based on the requirement and competitive participation with high precision). e) Column Oven can accommodate two columns with a maximum temperature range of up to 400 °C with a set point resolution of 0.1 °C. f) It should support 20 Oven ramps & maximum temperature ramp rates of 120° C/min.

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		a) Cool-down time from 400 °C to 50 °C within 4 minutes or better.
6	Detector	a) Automatic leak test of
	FID	It can be used for routine analysis. a) Operating Temperature range 50 °C to 400 °C or better b) Minimum detection limit tridecane of 1.2 pg C/sec or better. c) Data Acquisition rate of 1000 Hz or better. d) Linear dynamic range: >10 ⁴ ±5 %
	Mass Spectrometer detector	a) EI (Electron ionization) and CI (Chemical ionization) modes Ion source should have heating capacity of 350 °C or more.
	Mass axis	a) Mass range: 10 – 1000 m/z or better
	Mass stability	a) Auto tuning and calibration facility should be available.
	Electron energy	a) Dual filaments for all ionization Sources.
	Scan rate	a) < ± 0.10 amu over 24 hours or better
	Resolution	(a) 10 to 150 eV or more.
	Dynamic range	a) Up to 20,000 u/s
	Minimum MRM dwell	a) Selectable, 0.7 to 2.5 Daltons, default tune
	MRM speed	a) 6 orders of dynamic range or better.
	Collision energy	a) ≤ 0.5 m sec
	EI Source temperature of	a) 800 transitions/sec or better
	Mode of operation	a) 0-60 eV or better
	Detector	a) upto 350-degree C or better.
	Sensitivity	a) Scan, SIM, MRM/SRM/Parent ion scan, Product ion scan, Neutral loss scan-time, Full scan, etc.
	TMF Capacity	a) A Off Axis detector or equivalent*, with high energy dynode technology for the long life of electron multiplier (EM) or equivalent
7	Software	a) MRM sensitivity: 1ul injection of OFN (Octafluoronaphthalene) having concentration of 100 fg/ul should produce S:N of 20000:1 or better. b) IDL : 0.5 fg or better with injections of OFN with both quads set to unit resolution mode (Octafluoronaphthalene) (performed on 30m column)
		250 L/s or better
		a) The current version of Software should be compatible with all the modules and all devices should be controlled from same software. b) latest and licensed original version of NIST and/or Wiley Library for Flavours and Fragrance, pesticides, insecticides, mycotoxins, tobacco related compounds etc .

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		c) The software must offer free lifetime upgrades along with 3 offline license & 21CER Part 11 compliance.
8	Computer & printer	<p>a) Branded Desktop computer system with latest processor, 27-inch monitor or better) having RAM of 32GB or higher and 1TB (or higher) Hard disk, intel processor of latest generation for high-speed operation and high data storage, along with licensed OSs, MS office standard version, Antivirus. The system should be completely compatible with all the operations that can be performed with the instrument provided by the vendor.</p> <p>b) Branded and compatible Colour Laser jet printer with USB & Wi-Fi port and that can be connected to the network.</p>
		c) 10 KVA Online UPS with 60 minutes backup.
9	Others/Training	a) The supplier will have to carry out successful installation at our laboratory premises (where ever the system has to be installed) and provide on – site comprehensive and application-based training for scientific personnel operating the system and support services till customer satisfaction with the system and a training at the supplier's lab premises is also required.
10	Warranty	<p>a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] including accessories.</p> <p>b) Frequency of visits:</p> <p>c) For breakdown visits (as and when required)</p> <p>d) For preventive maintenance (twice a year).</p> <p>e) Online support for customer service is provided</p>
11	Spares and Accessories	<p>The column may quoted without mentioning the brand name.</p> <p>a) Fused silica capillary column with a 5% diphenyl - 95%-dimethylpolysiloxane stationary phase: 30 m x 0.25-mm(internal diameter); 0.25 µm film thickness - 1 Nos. (USP equivalent to G27)</p> <p>b) Fused silica capillary column with a 50 %- Diphenyl-dimethylpolysiloxane stationary phase: 30 m x 0.25-mm(internal diameter); 0.25 µm film thickness - 1 Nos. (USP equivalent to G3).</p> <p>c) Fused silica capillary column with a 25% Diphenyl - 75% Dimethylpolysiloxane stationary phase: 60 m x 0.25mm (internal diameter); 1.4µm film thickness - 1 Nos. (USP equivalent to G28)</p> <p>d) Fused silica capillary column with a 6% cyanopropyl/phenyl, 94% polydimethylsiloxane stationary phase: 30 m x 0.25-mm (internal diameter); 1.4 µm film thickness - 1 Nos. (USP equivalent to G43).</p> <p>e) Fused silica capillary column with a 6% cyanopropyl/phenyl, 94% polydimethylsiloxane stationary phase: 60 m x 0.25-mm (internal diameter); 1.4 µm film thickness - 1 Nos. (USP equivalent to G43)</p> <p>f) Fused silica capillary column with a 14 % Cyanopropyl-phenyl-methylpolysiloxane stationary phase: 30 m x 0.32 mm(internal diameter); 1.0 µm film thickness - 1 Nos. (USP equivalent to G46)</p> <p>g) Fused silica capillary column with a base deactivated 100% Polyethylene Glycol stationary phase: 30 m x 0.25 mm(internal diameter); 0.25µm film thickness - 1 Nos. (USP equivalent to G16)</p>





12	Experience	<p>h) Fused silica capillary column with stationary phase DB-ALC1 or equivalent: 30 m x 0.32 mm(internal diameter); 1.8 µm film thickness - 1 Nos.</p> <p>i) Nitrogen gas generator with in-built compressor: A suitable noise-free gas generator with an inbuilt compressor, filters, or any other accessory required for the functioning of the system.</p> <p>j) The other required necessary Gasylinders (02 Nos. for each type of gas) with appropriate purity and dual stage steel regulators (02 Nos. for each type of gas) should be provided.</p> <p>k) Automatic change over manifold for all gas lines including carrier gas. Complete gas purification panel with fittings & installation of all gases.</p> <p>l) Metrological traceable mix standards of 203 Pesticides analysis—1 Nos.</p> <p>m) Standards for flavours atleast 10 Nos. which are being used in tobacco products may be stated.</p> <p>n) Reagents/Chemicals for installation of the equipment.</p> <p>Below are items that must be supplied with the system :</p> <p>a) Autosampler vials (amber colour) with caps: 2.0 mL-1000 Nos</p> <p>b) Headspace vials and caps 10 mL, 20 mL capacity (500 Nos. each) with crimps (1000 Nos.) Septa: 1000 Nos</p> <p>c) Inlet side Ferrules (Vespel): 50 Nos</p> <p>d) MS side ferrules (Vespel): 50 Nos</p> <p>e) Splitless Liner: 10 Nos</p> <p>f) Split Liner: 10 Nos</p> <p>g) Liquid Syringe 10 µL: 5 No</p> <p>h) Headspace Syringe: 5 No</p> <p>i) EI Filament: 4 No</p> <p>j) Inline Helium Trap with clamp: 1 No</p> <p>k) Inline Nitrogen/Argon Trap with clamp: 1 No</p> <p>l) Vacuum Pump Fluid: 5 L</p> <p>m) O-ring: 100</p> <p>n) headspace vial crimper: 1</p>
		<p>a) The supplier should have at least ten successful installations of the similar model of GC-MS/MS system quoted, out of which at least five installations shall be from government organization in India.</p> <p>b) Satisfactory performance certificate taken from government organization along with technical bid shall be submitted.</p> <p>c) The Complete users list for the quoted model or similar model in India, with contact addresses, emails and phone numbers should be provided.</p>

13	Other Conditions	a) The system quoted should be of latest model and the spares and services should be available for at least 10 years from the date of installation. b) If it is closed system, exemption certificate for make in India should be made available for consumable items also. c) System should Monitor GC and MS resources: injection counter, operation times, and electronic logs to aid planned maintenance. d) It should have convenient access to pertinent consumables part numbers. e) It should have the facility for rapid venting of the MS. f) It should have an Eco-Friendly Operation with User-scheduled sleep/wake mode to save carrier gas and power. g) It should have integrated Calculators like a Vapor volume calculator, solvent vent calculator, method translator, etc.
14	Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.
15	Demonstration	a) Demonstration of equipment before opening of financial bid.
16	IQ/OQ/PQ	a) The supplier should provide IQ/OQ/PQ of the equipment. b) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.

Signature of Technical Committee Members

(Dr. L. Swasticharan)
Chairman
Addl.DDG & Director EMR
Dte.GHS, MoHFW

(Dr. Avimash Sunthia)
Member Secretary
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Member
Technical Expert
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Technical Specification of LC-MS/MS

Specifications for Liquid Chromatography Mass Spectrometry (LC-MS/MS)	
A bench top, High Sensitive Triple / Tandem Quadrupole LC-MS/MS system should be quoted as below:	
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.	
Final Technical Specification for procurement	
1) Core Specifications	a) The Liquid Chromatograph and Mass spectrometer and all Ion Sources must be manufactured, supplied, and installed by a single/same vendor to provide seamless integration between the LC and MS/MS. b) Both the Liquid Chromatograph and Mass Spectrometer must be fully supported by the supplier to provide a seamless instrument diagnostic between the LC and MS/MS
2) Application Requirement	The instrument should be able to cater the following applications: Instrument will be used for the analysis of: a) Tobacco Specific Nitrosamines (TSNAs) in tobacco and tobacco products, b) Pesticides, c) Insecticides and d) Any other requirement of the tobacco testing laboratory.
3) Solvent Delivery System	a) Binary pump with an operating pressure of minimum 15000 psi or better. b) The instrument should have in-built Vacuum degasser facility with minimum four lines and should be efficient to remove dissolved air online. c) Flow Rate Range: 0.01 to 2.0 ml/min, with 0.001 ml/min increments. d) Flow Rate precision: 0.075% RSD e) Flow rate accuracy: $\pm 1.0\%$ f) Delay Volume: <200 μL g) Flow path must be able to tolerate solvent pH from 2-12
4) Auto Sampler	a) Should have facility to hold multiple vials. b) Capacity to hold 90 vials of 1.5 to 2 ml or more in the same auto sampler. c) Carryover should be < 0.002 % d) Injection volume range = 0.1–20 μL . e) Sample delivery precision: < 0.25% RSD or better

	<ul style="list-style-type: none"> f) Injector linearity: $r^2 > 0.999$ or better g) Auto-sampler Temperature: 4 - 40 deg. C h) It must have the latest needle wash capabilities like Integral, Active & Programmable.
5) Column Compartment	<ul style="list-style-type: none"> a) Thermostated Column Compartment b) Preferably have capacity to hold minimum 2 columns simultaneously or other possible combination c) Temperature stability: $\pm 0.5^\circ\text{C}$ d) Temperature range from 10°C below ambient to 80°C or more.
6) PDA Detector	<ul style="list-style-type: none"> a) A PDA detector having more than 512-element photodiode. b) It should be covering wavelengths from 190-800 nm having a data rate higher than 80 Hz. c) Wavelength Accuracy should be ± 1 nm. d) The PDA detector should have a flow cell having 10 mm cell path length should be quoted along with it.
Specifications for Triple (Tandem) Quadrupole MS System	
7) Mass Analyzer	<ul style="list-style-type: none"> a) The system should be a Tandem Quadrupole MS system, capable of carrying out MS and MS/MS experiments. The instrument should have the following minimum specifications
8) Mass Range	<ul style="list-style-type: none"> a) 5 - 2000 m/z or better
9) Instrument Detection Limit	<ul style="list-style-type: none"> a) Should be < 0.5 femtogram reserpine on column or less (Proof of Statement must be provided)
10) Ionization source	<ul style="list-style-type: none"> a) Dedicated ionization ESI and APCI sources to be provided as standard, with facility of interchanging easily by the user, and auto-detection of installed source by the instrument and software. The ionization must be done both in a positive & negative mode. b) The source should be easily removable from the system to facilitate user cleaning without venting the vacuum, with automatic standby of system while the source / probe is being removed c) Switching between positive & negative mode should be ≤ 5 ms or better. d) The source shall have a flow rate compatibility from $50\ \mu\text{L}/\text{min}$ to $2000\ \mu\text{L}/\text{min}$, without flow splitting in both ESI and APCI modes e) Desolvation temperature for ESI and APCI sources should be 400°C or better f) Switching between MS & MS/MS mode must be less than equal to 5 ms. g) All source parameters to be adjustable through software
11) Interface	<ul style="list-style-type: none"> a) Dual orthogonal off axis source or any other equally efficient technology capable of avoiding interferences from solvents and other extraneous matter, handling large batches of complex sample matrix like tobacco.
12) Scan rate	<ul style="list-style-type: none"> a) 15000 Da/sec or better.

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13) Dynamic range	a) 6 orders of dynamic range or better.
14) Mass Stability	a) 0.1 Da over 24 hr period.
15) Mass Accuracy	a) 0.1 Da or better
16) Mass Resolution	a) Better than or equal to 0.7 Da
17) Vacuum System	a) A robust high efficiency vacuum system with minimum maintenance and utility with low noise level and automatic vacuum lock system. b) noise level below 60 db.
18) Source cleaning	a) The cleaning of the source should be done without venting the system and facility to Vacuum Interlock should be provided. The Vacuum must remain intact during the cleaning. Source interchange or Servicing of the system. Vendors must assure the same in writing.
19) Sensitivity	a) MRM ESI +ve 1pg On column reserpine should give chromatographic S/N greater than 15,00,000:1 without smoothing MRM transition 609-195 at unit resolution. b) MRM ESI -ve 1pg On column chloramphenicol should give chromatographic S/N greater than 15,00,000:1 without smoothing MRM transition 321-152 at unit resolution. c) Documentary evidence to be submitted along with quotation. Chromatograms to be provided, with details of mobile phase, column and injection volume. Statistical treatment used to determine S/N ratio is to be specified along with raw data.
20) Polarity Switching Time	a) Switch from positive to negative polarity between alternate MRM scan in 5 ms or better.
21) Collision cell	a) Confined collision cell capable of high energy fragmentation, producing reproducible MS/MS spectra should have a minimum dwell time of 1 millisecond. b) <i>"the collision cell should offer zero cross-talk" in order to improve the data quality enable MRM Transitions within a single run</i>
22) MRM acquisition rate	a) Should be capable of minimum 500 MRM data points /sec in a single time period, with no loss in sensitivity for co-eluting components at any one point of time.
23) Modes of operation	Tandem mass spectrometry should have following scan options a) Full scan b) Selected ion monitoring/recording (SIM/SIR) c) Product ion scanning. d) Precursor ion scanning. e) Neutral loss/gain scanning. f) Multiple reaction monitoring.

	<ul style="list-style-type: none"> g) Simultaneous full scan and MRM along with matrix monitoring to be performed in a single run. h) Information dependent acquisition system or equivalent scan mode of MRM to high sensitivity product ion scan for library confirmation. i) Fully Automatic tuning & Mass Calibration.
24) Detector	<ul style="list-style-type: none"> a) Must have very long life, low noise, highly efficient photomultiplier or electron multiplier detector. b) The detector should last for the lifetime of the instrument, not require regular gain adjustment. c) "Must operate both +ve and -ve ion mode and back."
25) Columns	<ul style="list-style-type: none"> a) Suitable sub 2 micron particle size C18 column (50mm length x 2.1 mm diameter) – 2 Nos. b) Suitable sub 2 micron particle size C18 column (100mm length x 2.1 mm diameter) – 2 Nos. c) Suitable sub 3.5 micron particle size C18 column (150mm length x 2.1 mm diameter) – 2 Nos. d) Suitable sub 2 micron particle size C8 column (50mm length x 2.1 mm diameter) – 1 Nos. e) Suitable sub 2 micron particle size C8 column (100mm length x 2.1 mm diameter) – 1 Nos. f) Suitable sub 3.5 micron particle size C8 column (150mm length x 2.1 mm diameter) – 1 Nos.
26) Quantification Software	<ul style="list-style-type: none"> a) Application software for quantitative applications having the additional requirement of Quality Control (QC) checks to satisfy statutory or regulatory requirements must be available. b) Software must be compatible with LC/MS and LC/MS/MS data. Data can be full scan, SIR/SIM or MRM. c) Data Acquisition, Peak Integration, Calibration, Quantification and QC calculation must be fully automated. d) Quantification and QC parameters must be stored for each compound and individually selected and loaded into new methods. e) The quantification method editor must be viewable in page view or as a spread sheet. f) The software must allow the monitoring of the molecular ion plus up to 4 confirmatory ions. g) Technology for system optimization and status monitoring, technology should monitor and perform the following parameter: <ul style="list-style-type: none"> ➤ System parameters checking and alerts ➤ Integrated sample/calibrant delivery system and programmable divert valve system. ➤ Automated mass calibration ➤ Automated sample tuning ➤ Automated SIR and MRM method development ➤ LC/MS system checks-automated on-column performance test. h) Software should have the latest library database of around 1000 compounds viz. Mycotoxins, Pesticides, Tobacco, Insecticide etc.
27) Instrument and Software Qualification & Service	<ul style="list-style-type: none"> a) The instrument must be "Qualified" along with the Software. Necessary reagents along with Documents must be Quoted with valid Cat/CasNo.'s & should be provided for valid "Instrument Qualification, Operational & Performance Qualification" of the instrument along with Specification check during the installation. b) The vendors must quote the Qualification kits with defined list of items along with valid Cat. No./Product ID etc.






Certification:	
28) Accessories	<ul style="list-style-type: none"> c) During installation and qualification, Instrument should perform as per submitted specification in presence of user. a) Nitrogen gas generator with in-built compressor; A suitable noise-free gas generator with an inbuilt compressor, filters, or any other accessory required for the functioning of the system. The software must offer free lifetime upgrade with 3 offline license and 21 CFR part 11 Compliance b) Suitable online UPS with at least 1-hour backup for the complete system (LC MS/MS, PC, and nitrogen generator. c) Instrument calibration standards, Vacuum Pump Oil, Tuning solution, etc. to be provided. d) Suitable Computer, Printer etc. e) Suitable Computer, Laser jet color Printer along with latest software (Window, MS Office) etc. The system should be completely compatible with all the operations that can be performed with the instrument.
29) Others/Training	<ul style="list-style-type: none"> a) The other gases (Nitrogen or Argon: 1 No.) along with regulator should also be supplied along with the system. b) The chemicals, standards required for analysis of TSNAs (NNN, NNK, NAB, and NAT) in tobacco should be quoted and supplied for at least 50 samples. c) Standards/reagents and MS grade solvent required for successful installation must be quoted. d) Installation must be done at user's site with no extra costs involved. A one week (at least) general entry-level training-cum-workshop and advanced-level training-cum-workshop must be arranged at the user's site by the vendor on experimental and data analysis part, with no extra cost involved. e) Proof of Performance documents must be provided with the Compliance sheet. f) The model offered by the vendor should have capability to demonstrate the above mention parameter in presence of user. g) Gas cylinders with appropriate purity and dual stage steel regulators with Automatic change over manifold for all gas lines.
30) Warranty	<ul style="list-style-type: none"> a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] (annual basis) including accessories. b) Frequency of Visits during warranty and CMC period c) For breakdown visits (as and when required) d) For preventive maintenance (twice a year). e) Detail Coverage of the instrument during the warranty and CMC period. f) Terms of payment during CMC period
31) Consumables	<p>Quote the rate of the following consumables for smooth running of the system:</p> <ul style="list-style-type: none"> a) Vials, septa with caps (amber color); 1.5-2ml – 1000 No. b) Capillary Tube/ Desolvation Line/ Cone/ Declustering device – 1 No. c) Syringe PTFE Filter, 13mm – 1000 No. d) Vial Insert, 250 uL – 200 No. e) Nitrogen Filters – 2 No. f) Tuning Solution g) Vacuum Pump Oil
32) Experience	<ul style="list-style-type: none"> a) The supplier should have at least ten successful installations of the similar model of LC-MS/MS system quoted, out of which at least five installations shall be

	from government organization in India.
	b) Satisfactory performance certificate taken from government organization along with technical bid shall be submitted.
	c) The Complete users list for the quoted model or similar model in India, with contact addresses, emails and phone numbers should be provided.
33) Other Conditions	a) The system quoted should be of latest model and the spares and services should be available for atleast 10 years from the date of installation. b) If it is a closed system, exemption certificate for make in India should be made available for consumable items also.
34) Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.
35) Demonstration	a) Demonstration of equipment before opening of financial bid.
36) IQ/OQ/PQ	a) The supplier should provide IQ,OQ,PQ of the equipment. b) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.

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(Shri Dinesh Kumar)
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Technical Specification of ICP-MS with microwave digestion system

Final

Technical Specification of Inductively Coupled Plasma-Mass Spectrometry (ICP-MS) with Microwave Digestion System	
Final Technical Specification for procurement	
A bench top, High Sensitive Inductively coupled plasma-mass spectrometry (ICP-MS) with Microwave Digestion System should be quoted as below:	
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes. The supplied equipment should meet all the IQ/OQ/PQ parameter	
S.No.	Description
1	General Features
2	Sample Introduction system
3	Ion Source and Plasma torch
4	Ion extraction Interface

Product Specification	
a)	A latest model of bench top ICP-MS system having both scan mode such as On mass and Mass shift required for accurate and precise analysis of common trace element, toxic elements, metals at ppm, ppb and ppt level in various types of sample matrices such as tobacco, soil, plant, Agriculture and Environmental samples etc. Instrument should have Collision and reaction capability using pure and mixture of gases
a)	System should be offered with software-controlled online Argon Gas Dilution accessory like AMS/UHMI/ACID and other mandatory accessories requires for achieving dilution of the aerosol up to >100X to aspirate > 10% TDS solutions without liquid - liquid dilution.
b)	System should have appropriate Glass spray chamber with port to connect to O ₂ gas line (for Organic/Oils aspiration) or Argon for Argon Gas dilution accessory.
c)	System should have high precision peristaltic pump with at least 4 channels and 12 rollers.
d)	There should be oxygen gas line in sample intro system for organic solvent introduction into the system.
e)	Concentric coaxial based nebulizer with low sample flow rate or any equivalent or better.
f)	Spray Chamber Controlled temperature range: -5 °C to +20 °C or better.
a)	Computer controlled RF generator operating between 27 MHz or more equivalent operating from 600 to 1600 watts for automatic control of torch ignition, shutdown and system warm up.
b)	The Plasma torch should have provision for software-controlled alignment for horizontal position, vertical position and sampling depth for maximum sensitivity and minimum polyatomic interference.
c)	Vendor should ensure for RF generator/coil lifetime for at least 5 years without fail, else required spare of RF generator should be offered in the standard offer.
d)	The torch should be such that it consumes lowest argon gas and should have feature to save gas when system is not aspirating samples or park position keeping plasma in on condition.
a)	System should have suitable water-cooled interface with the suitable standard orifice size around 1.0 mm or better to suit all the applications.
b)	Cone Interface: Sampler and Skimmer cone should be made up of Ni to handle complex environmental and water samples
c)	Capable of removing all neutrals and photons from the ion path without causing any damage to the optics.

		d) Skimmer cones/ extraction system should be easily mountable / dismountable without venting out the system.
5	Quadrupole System	<p>a) Quadrupole material: made of molybdenum or stainless-steel alloy rods or any suitable alloy material with RF pre-filters and operate at 2-3 MHz or equivalent.</p> <p>b) Background concentration should be less than 1 cps.</p> <p>c) User definable/selectable resolution ($(\Delta D)/3$ to ≤ 1.0 amu) for the entire mass range: 2-275 amu or more.</p> <p>d) Applications for the entire mass range: 2-275amu or more. ICP-MS can be used for civilian as well as military applications. It is easy to get an export license of systems from Supplier country, if it is predeclared in the specs of ICP-MS for non-military applications.</p> <p>e) Scan speed: should not be less than 3700 amu/sec or better over the entire mass range during the data acquisition at every mass</p> <p>f) Dwell time: should be minimum of 100 nS with zero settling time. Vendor must submit supporting data for minimum Dwell time measurement capability.</p> <p>g) Background equivalent concentration should be less than 1 cps.</p>
6	Detector and dynamic range	<p>a) The EMT ion detector must be a simultaneous dual-stage discrete dynode electron multiplier, providing element concentration calibration over 10 orders of magnitude simultaneously in both Analog and pulse mode for higher and lower concentration respectively.</p> <p>b) Should be able to operate in dual mode simultaneously in Pulse and analogue.</p> <p>c) System should have dynamic range of 10 orders of magnitude to addresses varied concentrations (from PPT to very high ppm levels) in single aspiration and detector should provide 10 orders of magnitude in a single continuous scan</p>
7	Vacuum system	<p>a) System should consist of two rotary and ceramic-bearing/equivalent turbomolecular pumps for efficient pumping with pneumatic vacuum isolation between first and second stage of vacuum.</p> <p>b) The pumps should be a flume and acoustic free system.</p> <p>c) The roughing pump must utilize ultra-long life fluid which should last at least one year in one go as per the service manual/technical literature.</p>
8	Cooling system	a) Re-circulating coolant chiller should be provided for continuous cooling of RF generator, RF load coil and ICP interface and temperature range must be -10 to 40 deg C or suitable range as per system requirement.
9	Cell technology	<p>a) ICP-MS shall be capable of three modes of operation: Standard Mode, Collision Cell Mode and Reaction Cell to utilize a wide variety of gases like He/H₂/CH₄/NH₃/O₂ in 100% pre and pre-mixed using required channel as per manufacturer design to ensure collision and reaction modes are operated simultaneously.</p> <p>b) The cell should be able to perform Mass shift reaction. The reaction cell should have capability of mass cutoff facility to prohibit unwanted interference forms during use of reactive gas.</p> <p>c) Maintenance free system, must not require any periodic maintenance (cleaning) or replacement of Collision/Reaction or Universal cell.</p>

10	Guaranteed Performance	<p>(a) Detection limit: ⁹Be: 1 ppt or better ¹¹⁵In: 0.5 ppt or better ²³⁸U/²⁰⁹Bi: 0.5 ppt or better</p> <p>(b) Sensitivity (In MCPS/ ppm of element): Li (6) > 20 or Be (9) > 6 Y (89) / In (115) / Equivalent > 90 Ti (205) / Bi (209) / U (238) > 70</p> <ul style="list-style-type: none"> • Oxide ratio (CeO/Ce): ≤3% or better • Doubly charged ratio: Ce2±/Ce (%): ≤3% • Isotope Ratio Precision (%RSD) 107Ag/109Ag: < 4 <p>(c) Mass Stability min: ≤ 0.5 amu or better for 6 hrs or more. (d) Abundance sensitivity Cx/U: 10⁷ or 0.05ppm in entire mass range.</p>
11	Software	<p>a) The software must be capable of running in Windows 10 on a 64-bit operating system or better.</p> <p>b) The software must have functions for automated system startup, shutdown, optimization and instrument tuning for optimum performance.</p> <p>c) Editable interference correction equations</p> <p>d) Calibration for multi-element external calibration, method of standard additions, and quantitative analysis, semiquantitative analysis.</p> <p>e) The software should enable isotope ratio isotope dilution study.</p> <p>f) Simultaneous real-time graphical display of signal as full mass scan, segments of mass scan, and signal response vs time for multiple isotopes or ratios.</p> <p>g) The software must offer free lifetime upgrades along with 3 offline license & 21CFR Part 11 compliance."</p> <p>h) Report Generation: Output results formatted in mixed concentration units e.g. ppt, ppb, ppm, etc.</p>
12	Auto sampler	<p>a) Autosampler with more than 180 vial position capacity or more, movable in three direction X, Y and Z and LED light indicator for real time status.</p> <p>b) Scope of supply for Nickel interface cones. One set of Ni sample, skimmer, hyper skimmer cones/extraction system for high matrix and higher sensitivity.</p>

13	Consumables (Excluding Standard supply)	<ul style="list-style-type: none"> a) Ni Sample cone- 03 Nos. b) Ni Skimmer/hyper skimmer Cone-03 Nos. c) Quartz Torch and Injector - 03Nos. d) Shield torch- 3Nos. e) <u>Concentric Nebulizer: 02Nos.</u> f) Peristaltic Pump Tubing for Samples – uptake- 12 X 6 Nos. g) Peristaltic Pump Tubing - Drain- 12 Nos. h) Screw, Spacer and O-ring for Cell - 02 sets i) Gasket for Sampling Cone- 5 Nos. j) Tubing for Spray Chamber Drain – 2 sets k) Ion lens- 03 Nos. l) RF coil- 03 Nos. m) Pump Oil for complete warranty period. n) <u>ICP-MS Autosampler Vials with cap 15 ml and 50 ml - 500 Nos each</u> o) <u>Oil/Mist Filter</u> p) <u>Spray Chamber – 01 Set</u> q) <u>PFA tubing: 2 set</u> r) <u>Nebulizer tubing -02 Set</u> s) HF/Inert kit with PFA nebulizer, PFA spray chamber, Inert torch, PT cone set & Sample/Drain Tubing –Pk/12.
14	Essential Accessories	<ul style="list-style-type: none"> a) Gas filters, Gas cylinders and appropriate gas lines, Purification Panel, connectors, valves and control systems for these. b) Gas cylinders with dual stage regulators (6 Argon with manifold, 1 Helium, 1 Oxygen, 1 Hydrogen and 1 NH₃) c) 20 KVA Online UPS with 1 hr backup. d) Required exhaust system with accessories for ICP-MS. e) Provide a maintenance chart for all of the components in the system. f) Appropriate Computer & color laser jet printer specific for system operation: Compatible PC with intel Core i7 and OEM factory recommended quoted, Windows 10 operating system or latest, 24" LED/LCD Monitor, 1TB HDD, 32 GB RAM, 4 USB Port, laser color printer quoted. g) Any local ancillary instrument / equipment necessary to run the system, in addition to the above, should also be indicated. h) NIST certified multi element standards and internal standard. i) Hg and U separate standard. j) Tuning solution and performance solution. k) Supra pure /ICP-MS Grade Chemicals: 2 X 2.5 L Nitric Acid, 2.5L HCL, 1 L HF and 1 L H₂O₂ etc or any other chemicals/reagents require for installation of equipment.

15	Microwave digester	<p>a) Microwave digester must be capable of processing 14 or more reaction vessels simultaneously with individual pressure venting on each vessel with pressure rate increase control and direct temperature control on vessels.</p> <p>Vessel Specifications:</p> <p>b) <i>Volume of reaction vessel: 80 ml or more</i></p> <p>c) Material of reaction vessel: Teflon Vessels/Quartz, combination with metal free springs.</p> <p>d) Operation temperature: 230 °C or above (System temperature 300 Deg C)</p> <p>e) <i>Vessel Operation pressure: 20 bar or more</i></p> <p>f) Power requirement: 1800W or more.</p> <p>g) Current requirement: 220-240V, 50 Hz</p> <p>h) Vessel rack should be provided.</p> <p>i) Temperature sensor of immersing type/probe/contact free for one reference to be included in the offer and the same should be provided of control using transducers and gas bulb respectively with wireless transmission.</p> <p>Software:</p> <p>j) Software must be Built-in cook-book methods for various matrices</p> <p>k) System must have control and graphic display for all routine operations Built-in software with screen display for Temperature, weight, method search, power profile, method set-up etc.</p> <p>Safety Features:</p> <p>l) Built-in integrated cooling system for removal of gases (vapours) and cooling of vessel without a use of external chiller/thermostat in less than 20 minutes</p> <p>m) Safety interlocks should be available so that vessels can't be opened during hot condition.</p> <p>n) Over pressure should be released from the vessel to avoid any damage to the vessel</p> <p>Temperature control:</p> <p>o) Temperature sensor of immersing type/probe/contact free or suitable design as per system requirement for one reference to be included in the offer and the same should be provided of control using transducers/suitable and gas bulb /or suitable technology respectively with wireless transmission or suitable.</p> <p>Software:</p> <p>p) Software must be Built-in cook-book methods for various matrices</p> <p>q) System must have control and graphic display for</p> <p>r) all routine operations Built-in software with screen display for Temperature, weight, method search, power profile, method set-up etc. (</p> <p>Other Accessories:</p> <p>s) System must be quoted with additional one set of vessels.</p> <p>t) Necessary cables and user manual for operation of the system.</p>
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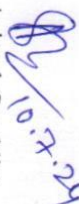


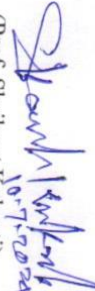



		i) Fume Exhaust Hood for microwave should be provided..
16	Training/ Other	(a) The supplier will have to carry out successful installation at our laboratory premises (where ever the system has to be installed) and provide on – site comprehensive and application-based training for scientific personnel operating the system and support services till customer satisfaction with the system and a training at the supplier's lab premises is also required.
17	Warranty	a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] (annual basis) including accessories. b) Frequency of Visits during warranty and CMC period c) For breakdown visits (as and when required) d) For preventive maintenance (twice a year). e) Detail Coverage of the instrument during the warranty and CMC period. f) Terms of payment during CMC period
18	Experience	a) The supplier should have at least ten successful installations of the similar model of ICP-MS system quoted, out of which at least five installations shall be from government organization in India. b) Satisfactory performance certificate taken from government organization along with technical bid shall be submitted. c) The Complete users list for the quoted model or similar model in India, with contact addresses, emails and phone numbers should be provided.
19	Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.
20	IQ/OQ/PQ	(a) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL, ISO 17025 certification purposes. (b) The service provider must provide IQ (Installation qualification) ,OQ (Operational qualification) and PQ (Performance qualification) of the instrument


Signature of Technical Committee Members

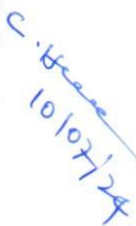
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Technical Specification of Spectro Fluorophotometer

Technical Specification of Spectrofluorophotometer

Spectrofluorophotometer is required for analysis of complex tobacco constituents like polycyclic aromatic hydrocarbons and other carcinogens

Required Technical Specifications:

Lamp source	: 150W Xenon lamp
Spectral Bandpass	: System must offer variable spectral band pass from 1nm to 20nm or more adjustable with computer.
Signal-to-Noise level	: 10000:1 RMS or better
Wavelength range/nm	: 200-800 nm or better (applicable for both excitation and emission)
Wavelength accuracy	: ± 0.5 nm or better
Wavelength reproducibility	: ± 0.5 nm or better
Resolution	: 1 nm or better resolution
Emission filters	: Computer assistant filter system to remove higher order spectral deviations
Wavelength Scanning speed	: 4500nm/min or higher scan rate
Detector/PMT	: High performance photomultiplier tube covering the whole range of UV (200 to 800nm or better).
Reference detector	: Standard photo diode/PMT
Capability of real-time fluorescence measurement while reaction is in progress with accessories to be quoted in main tender documents as well as separately.	
Standard sample holder	: Thermostated holder with temperature control for 10mm quartz cuvettes.



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Cuvettes/Cell :four pairs of variable capacity(e.g., 3.5 ml, 1.5ml, 500ul, 250ul)

Sample holder :bothfor reflectance and transmission spectra

Software and PC requirements

PC and Printer : Compatible PC with window 10 OS with i-5 processor, 8GB RAM, 1TB HDD, 23" LED Screen Monitor, Optical Mouse
Colour LaserJet Printer should be quoted along with system.

Additional accessories required

Filer optical probe for solid and liquid samples

Suitable accessories required for analysis of solids, film, powder, liquids

Power supply

Electrical requirements: 240V, 50 Hz.

UPS of 2KVA with voltage regulation, spike protection and with minimum thirty minute back up.

Standards, safety and Training

- All calibration standards for instrument should be supplied by the vendor.
- The electrical safety conforms to standards for electrical safety IEC-60601/IS-13450



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- Preferable compatibility for 21 CFR part 11 software or better
- Should be compliant with IEC 61010-1: (or any international equivalent, *e.g.*, EN/UL 61010) covering safety requirements for electrical equipment for measurement control and laboratory use
- On site comprehensive training for lab staff and support services for atleast five working days or till customer satisfaction with the system
- Comprehensive warranty for 5 years CMC of assured supply of accessories and consumables after warranty
- The bidder shall assure supply of spares for a minimum period of 10 years from the date of Supply

Documentation

- User/Technical/Maintenance manuals to be supplied in English.
- List of important spare parts and accessories with their part number and costing.
- Electronic Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist.
- The job description of operators and service engineers should be clearly spelt out.
- Compliance statement should be submitted with relevant literature, specification sheets and brochures. Any deviation from specifications should be clearly mentioned in compliance statement.
- Current User's/performance list to be provided.



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Technical Specification of FTIR with ATR Arrangement

Technical Specifications for FT-Infrared Spectrometer with attenuated total reflection assembly

Name of the equipment: FT-IR with ATR arrangement

Description of function:

FT-IR equipment is required for analysis of constituents, ingredients, additives and humectants in tobacco products. Main technical specifications are given below:

OPTICAL SYSTEM

Interferometer

The FT-IR system should have vibration isolated base plate to ensure automatic compensation and alignment for water vapour (moisture) and CO₂ levels.

Optics

Spectral resolution $\pm 0.5 \text{ cm}^{-1}$ or better for full range

Wavelength precision $: 0.01 \text{ cm}^{-1}$ or better

Wavelength accuracy $: 0.01 \text{ cm}^{-1}$ or better

Signal to noise ratio $: 20000 : 1$ (or better)

The instrument should be capable of use for quantitative and qualitative analysis over a range of (350-7800nm or wider).

Detectors

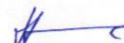
- DTGS/LiTaO₃ Detector or better detectors.



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- The equipment should have software controlled detector selection for a full range of infrared spectral width and temperature control.

Measurable Concentration Range: 50micromolor lower

Optical range of source

The equipment should cover the range of atleast 350-7800 cm^{-1} or wider with KBr or moisture resistant ZnSe or a better beam splitter system to ensure wave number accuracy of $\pm 0.5 \text{ cm}^{-1}$ or better with a minimum scan speed 16 scan/min or better.

Desirable : Portability

Sample types : Liquids, polymers, humectants in the mid IR range

Sample interface : Attenuated Total Reflection (ATR) through transmission across variable path length or a better system for analysis of humectants and hydrocarbons in tobacco products.

Desiccant (if used)

Software controlled long life desiccant system (if used) with suitable status indicating arrangement for desiccant utility.

Filled with a desiccated sealed optical unit with KBr or better salt windows

Spectral resolution : $\pm 0.5 \text{ cm}^{-1}$ or better for a full range of IR-spectra

Sample compartment : Should be compatible with all type of sample accessories.

Cell

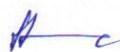
Universal Demountable Cell



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Accessories for recording spectra of liquids, pastes, films and solids should be quoted both in the main tender document and as separate entity.

Optical system

Sealed and desiccated enclosure must be valid for at least 5 years or vendor should certify to provide for replacement of used desiccant required for 5 years from the date of installation.

Attenuated Total Reflectance (ATR) arrangement

Diamond (Monolithic) ATR assembly or should be integrated with the sample compartment for use in the analysis of solids, liquids, gels, paste and humectants without elaborate sample preparation for tobacco products.

Additional accessories

- 15 tonne press for sample preparation for transmission mode.
- EvacuatableKBr die (if required).
- Agate mortar and pestle (2 numbers).
- Pellet holder
- Liquid sample cell with compatible syringe to transfer liquid samples.
- A compatible toolkit for the regular maintenance of the instrument.

IR Spectral Library with required software to facilitate search important compounds (please quote separately).



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SOFTWARE REQUIREMENTS

- Windows 10 OS, or latest with complete instrument control & full data processing for quantitation with 1TB hard disk, 8GB RAM and 23" monitor with original antivirus software.
- A single software platform incorporating functions required for IR analyses, online data acquisition, baseline correction, smoothening plot overlay etc.

Computer : i5 processor or better with Win 10 OS

Printer : Color Laser Printer

Report formats : Quick print facility for graphs, spectra and result of spectral investigation

User training : A comprehensive on-site training of laboratory personnel about instrument use and common maintenance and software operation should be provided by the vendor.

POWER REQUIREMENTS

A UPS of 2KVA to be quoted to provide power backup for minimum thirty minutes backup

STANDARDS, SAFETY AND TRAINING

- All necessary standards for calibration of instrument should be supplied by the vendor.
- The system should be accompanied by the conformity certificate from electrical safety standards as applicable



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- On site comprehensive training for lab staff and support services till customer satisfaction on use of the system.
- Comprehensive warranty for 5 years comprehensive maintenance and 10 year for interferometer laser.
- The bidder shall certify to ensure supply of spares consumables for a minimum period of 10 years from the date of installation.

Documentation

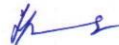
- List of important spare parts and accessories with their part number that may be required for daily, weekly, monthly and quarterly maintenance checklist.
- User/Technical/Maintenance manuals to be supplied in English.
- List of current User's and performance satisfaction data to be provided for reference.



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SECTION VII: GENERAL CONDITIONS OF CONTRACT (GCC)

1. General	<p>1.1 Tenets of Interpretation</p> <p>Unless where the context requires otherwise, throughout the contract:</p> <ol style="list-style-type: none">1) The heading of these conditions shall not affect the interpretation or construction thereof.2) Writing or written includes matter either whole or in part, in digital communications, manuscript, typewritten, lithographed, cyclostyled, photographed, or printed under or over signature or seal or digitally acceptable authentication, as the case may be.3) Words in the singular include the plural and vice-versa.4) Words importing the masculine gender shall be taken to include other genders, and words importing persons shall include any company or association or body of individuals, whether incorporated or not.5) Terms and expression not herein defined shall have the meanings assigned to them in the contract Act, 1872 (as amended) or the Sale of Goods Act, 1930 (as amended) or the General Clauses Act, 1897 (as amended) or of INCOTERMS, (current edition published by the International Chamber of Commerce, Paris) as the case may be.6) Any reference to ‘Goods’ shall be deemed to include the incidental Works/ Services also.7) Any generic reference to GCC shall also imply a reference to SCC as well.8) In case of conflict, provisions of SCC shall prevail over those in GCC.9) Any reference to ‘Contract’ shall be deemed to include all other documents (inter-alia GCC, SCC) as described in GCC-clause 2.5.10) Any reference to any legal Act, Government Policies or orders shall be deemed to include all amendments to such instruments, from time to time, till date.11) Deleted. <p>1.2 Definitions</p> <p>In the contract, unless the context otherwise requires:</p> <ol style="list-style-type: none">1) “Agent” is a person employed to do any act for another or represent another in dealings with a third person. In the context of public procurement, an Agent is a representative participating in the
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	<p>Tender Process or Execution of a Contract for and on behalf of its principals.</p> <p>2) “Allied Firm” are all business entities that are within the ‘controlling ownership interest’ (ownership of or entitlement to more than twenty-five percent of the company's shares or capital or profits) or ‘control’ (including the right to appoint a majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder agreements or voting agreements) of the principal firm acting alone or together or through one or more juridical persons. All successor firms or assigns of the principal firm shall be considered allied firms.</p> <p>3) "bid" (including the term ‘tender’, ‘offer’, ‘quotation’ or ‘proposal’ in specific contexts) means an offer to supply goods, services or execution of works made as per the terms and conditions set out in a document inviting such offers.</p> <p>4) "Bidder" (including the term 'Bidder', 'consultant' or 'service provider' in specific contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a Tender Process.</p> <p>5) “Bill of Quantities” (including the term Price Schedule or BOQ) means the priced and completed Bill of Quantities forming part of the bid.</p> <p>6) "Commercial Bank" means a bank, defined as a scheduled bank under section 2(e) of the Reserve Bank of India Act, 1934.</p> <p>7) “Consignee” means the person to whom the goods are required to be delivered as stipulated in the contract. A contract may provide the goods to be delivered to an interim consignee for further dispatch to the ultimate consignee.</p> <p>8) “Contract” (including the terms ‘Purchase Order’ or ‘Supply Order’ or ‘Withdrawal Order’ or ‘Work Order’ or ‘Consultancy Contract’ or ‘Contract for Services’, ‘rate contract’ or ‘framework contract’ or ‘Letter of Award – LoA’ (letter or memorandum communicating to the contractor the acceptance of his bid) or ‘Agreement’ or a ‘repeat order’ accepted/ acted upon by the contractor or a ‘formal agreement’, under specific contexts), means a formal legal agreement in writing relating to the subject matter of procurement, entered into between the Procuring Entity and the contractor on mutually acceptable terms and conditions</p>
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	<p>and which are in compliance with all the relevant provisions of the laws of the country;</p> <p>9) “Contractor” (including the terms ‘Supplier’ or ‘Service Provider’ or ‘Consultant’ or ‘Firm’ or ‘Vendor’ or ‘Manufacturer’ or ‘Successful Bidder’ under specific contexts) means the person, firm, company, or a Joint Venture with whom the contract is entered into and shall be deemed to include the contractor's successors (approved by the Procuring Entity), agents, subcontractor, representatives, heirs, executors, and administrators as the case may be unless excluded by the terms of the contract.;</p> <p>10) “Day”, “Month”, “Year” shall mean calendar day/ month or year (unless reference to financial year is clear from the context).</p> <p>11) “Drawing” means the drawing or drawings stipulated in or annexed to the Specifications or the Tender Document/ Contract;</p> <p>12) “General Conditions” means the General Conditions of Contract, also referred to as GCC.</p> <p>13) "Goods" (including the terms ‘Stores’, ‘Material(s)’ in specific contexts) includes all articles, material, commodity, livestock, medicines, furniture, fixtures, raw material, consumables, spare parts, instruments, machinery, equipment, industrial plant, vehicles, aircrafts, ships, railway rolling stock assemblies, sub-assemblies, accessories, a group of machines comprising an integrated production process or such other categories of goods or intangible, products like technology transfer, licenses, patents or other intellectual properties (but excludes books, publications, periodicals, etc., for a library) under specific context), procured or otherwise acquired by a Procuring Entity. Any reference to Goods shall be deemed to include specific small work or some services that are incidental or consequential to the supply of such goods;</p> <p>14) “Government” means the Central Government or a State Government as the case may be and includes agencies and Public Sector Enterprises under it, in specific contexts;</p> <p>15) “Inspection” means activities such as measuring, examining, testing, analysing, gauging one or more characteristics of the goods or services or works, and comparing the same with the specified requirement to determine conformity.</p> <p>16) “Inspecting Officer” means the person or organisation stipulated in the contract for inspection under the contract and includes his/ their authorised representative;</p> <p>17) “Intellectual Property Rights” (IPR) means the rights of the intellectual property owner concerning a tangible or intangible possession/ exploitation of such property by others. It includes</p>
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	<p>rights to Patents, Copyrights, Trademarks, Industrial Designs, Geographical indications (GI).</p> <p>18) “Parties”: The parties to the contract are the "Contractor" and the Procuring Entity, as defined in this clause;</p> <p>19) “Performance Security” (includes the terms ‘Security Deposit’ or ‘Performance Bond’ or ‘Performance Bank Guarantee’ or other specified financial instruments in specific contexts) means a monetary guarantee to be furnished by the successful Bidder or Contractor in the form prescribed for the due performance of the contract;</p> <p>20) “Place of Delivery” the delivery of the Goods shall be deemed to take place on delivery of the Goods, at consignees’ premises, unless otherwise stipulated in the contract.</p> <p>21) “Procurement” or “public procurement” (or ‘Purchase’, or ‘Government Procurement/ Purchase’ including an award of Public-Private Partnership projects, in specific contexts) means the acquisition of Goods/ Services/ works by way of purchase, lease, license or otherwise, either using public funds or any other source of funds (e.g. grant, loans, gifts, private investment etc.) of goods, works or services or any combination thereof, by a Procuring Entity, whether directly or through an agency with which a contract for procurement services is entered into, but does not include any acquisition without consideration. The term “procure”/ “procured” or “purchase”/ “purchased” shall be construed accordingly;</p> <p>22) “The Procuring Entity” means the entity in The Procuring Organization procuring Goods or Works or Services;</p> <p>23) “Procurement Officer” means the officer signing the Letter of Award (LoA) and/or the contract on behalf of the Procuring Entity;</p> <p>24) “Service(s)” (including the term ‘Non-consultancy services’ or ‘Outsourcing of Services’ in specific contexts) are defined by exclusion as services that cannot be classified as Consultancy Services. Services (Non-consultancy) involve routine, repetitive physical, procedural, and non-intellectual outcomes for which quantum and performance standards can be tangibly identified and consistently applied and are bid and contracted on such basis but does not include the appointment of an individual made under any law, rules, regulations, or order issued in this behalf. Any reference to Services shall be deemed to include the supply of goods or performance of consultancy service or small works, which are incidental or consequential to such services;</p> <p>25) “Special Conditions” means Special Conditions of Contract, which override the General Conditions, also referred to as SCC.</p>
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- 26) “Specification” or “Technical Specification” means the drawing/ document/ standard or any other details governing the construction, manufacture or supply of goods or performance of services that prescribes the requirement to which goods or services have to conform as per the contract.
- 27) “Signed” means ink signed or digitally signed with a valid Digital Signature as per IT Act 2000 (as amended from time to time). It also includes stamped, except in the case of Letter of Award or amendment thereof.;
- 28) “Tender”; “Tender Document”; “Tender Enquiry” or “Tender Process”: ‘Tender Process’ is the whole process from the publishing of the Tender Document till the resultant award of the contract. ‘Tender Document’ means the document (including all its sections, appendices, forms, formats, etc.) published by the Procuring Entity to invite bids in a Tender Process. The Tender Document and Tender Process may be generically referred to as “Tender” or “Tender Enquiry”, which would be clear from context without ambiguity.
- 29) “Test” means such test as is prescribed by the particulars governing the construction, manufacture or supply of Goods as may be prescribed by the contract or considered necessary by the Inspecting Officer whether performed or made by the Inspecting Officer or any agency acting under the direction of the Inspecting Officer;
- 30) “Works” refer to any activity involving construction, fabrication, repair, overhaul, renovation, decoration, installation, erection, excavation, dredging, and so on, which make use of a combination of one or more of engineering design, architectural design, material and technology, labour, machinery, and equipment.

1.3 Document Conventions

All words and phrases defined in GCC-clause 1.2 are written as ‘Capitalized word’ and shall have the defined meaning. The rest of the words shall be as per grammar, inter-alia ‘Goods’ shall indicate definition as given in the GCC while ‘goods’ shall have usual dictionary meaning.

1.4 Abbreviations:

Abbreviation	Definition
BOQ	Bill of Quantities (Excel sheet of Price Schedule)
BSD	Bid Securing Declaration

	CGST	Central Goods and Services Tax
	CPPP	Central Public Procurement Portal
	DoE	Department of Expenditure
	DP	Delivery Period
	DPIIT	Department for Promotion of Industry and Internal Trade
	DSC	Digital Signature Certificate
	EFT/ NEFT	(National) Electronic Funds Transfer
	GCC	General Conditions of Contract
	GeM	Government e-Marketplace
	GRIR	Goods Receipt and Inspection Report
	GST	Goods and Services Tax
	GTE	Global Tender Enquiry (International Competitive Bidding)
	HSN	Harmonized System of Nomenclature
	IEM	Independent External Monitor
	IPR	Intellectual Property Rights
	INR	Indian Rupee
	ITB	Instructions To Bidders
	ITC (HS)	Indian Tariff Classification (Harmonised System)
	LoA	Letter of Award (Acceptance)
	MII	Make in India
	MSE	Micro and Small Enterprises
	MSME	Micro, Small and Medium Enterprises
	MSMED	MSME Development (Act)
	NIT	Notice Inviting Tender
	OEM	Original Equipment Manufacturer
	PAN	Permanent Account Number
	PC	(Indian) Penal Code
	PPD	Procurement Policy Division

		PQB	Pre-Qualification Bidding
		RCM	Reverse Charge Mechanism
		SC	Scheduled Caste
		SCC	Special Conditions of Contract
		ST	Scheduled Tribe
		TCS	Tax Collected at Source
		TDS	Tax Deducted at Source
		TIA	Tender Inviting Authority
		TIS	Tender Information Summary
2. The	2. The Contract		
	2.1 Language of Contract		
	The contract shall be written in the English Language. All correspondence and other contract documents, which the parties exchange, shall also be written accordingly in English language.		
	2.2 The Entire Agreement		
	This Contract and its documents (referred to in GCC-clause 2.5 below) constitutes the entire agreement between the Procuring Entity and the contractor and supersedes all other communications, negotiations, and agreements (whether written or oral) of the Parties made before the date of this Contract. No agent or representative of either Party has the authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not outlined in this Contract.		
	2.3 Severability		
	If any provision or condition of this Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of this Contract.		
	2.4 Parties		
	The parties to the contract are the contractor and the Procuring Entity, as defined in GCC-clause 1.2 above and nominated in the contract.		
	2.5 Contract Documents and their Precedence		
	The following conditions and documents in indicated order of precedence (higher to lower) shall be considered an integral part of the contract, irrespective of whether these are not appended/ referred to in it. Any generic reference to 'Contract' shall imply reference to all these		

documents as well:

- 1) Valid and authorized Amendments issued to the contract.
- 2) the Agreement consisting of the initial paragraphs, recitals and other clauses set forth immediately before the GCC and including the formats annexed to it and signatures of Procuring Entity;
- 3) the Letter of Award (LoA)
- 4) Final written submissions made by the contractor during negotiations, if any;
- 5) the SCC
- 6) the GCC
- 7) the contractor's bid;
- 8) any other document listed in the SCC as forming part of this Contract.
- 9) Integrity Pact, if any

2.6 Modifications/ Amendments, Waivers and Forbearances

2.6.1 Modifications/ Amendments of Contract

- 1) If any of the contract provisions must be modified after the contract documents have been signed, the modifications shall be made in writing and signed by the Procuring Entity, and no modified provisions shall be applicable unless such modifications have been done. No variation in or modification of the contract terms shall be made except by a written amendment signed by the Procuring Entity. Requests for changes and modifications may be submitted in writing by the contractor to the Procuring Entity. At any time during the currency of the contract, the Procuring Entity may suo-moto or, on request from the contractor, by written order, amend the contract by making alterations and modifications within the general scope of the Contract.
- 2) If the contractor does not agree to the suo-moto modifications/ amendments made by the Procuring Entity, he shall convey his views within 03 working days from the date of amendment/ modification. Otherwise, it shall be assumed that the contractor has consented to the amendment.
- 3) Any verbal or written arrangement abandoning, modifying, extending, reducing, or supplementing the contract or any of the terms thereof shall be deemed conditional and shall not be binding on the Procuring Entity unless and until the same is incorporated in a formal instrument and signed by the Procuring Entity, and till then

	<p>the Procuring Entity shall have the right to repudiate such arrangements.</p> <p>2.6.2 Waivers and Forbearances</p> <p>The following shall apply concerning any waivers, forbearance, or similar action taken under this Contract:</p> <ol style="list-style-type: none"> 1) Any waiver of a Procuring Entity's rights, powers, or remedies under this Contract must be in writing, dated, and signed by an authorized representative of the Procuring Entity granting such waiver and must specify the terms under which the waiver is being granted. 2) No relaxation, forbearance, delay, or indulgence by Procuring Entity in enforcing any of the terms and conditions of this Contract or granting of an extension of time by Procuring Entity to the contractor shall, in any way whatsoever, prejudice, affect, or restrict the rights of Procuring Entity under this Contract, neither shall any waiver by Procuring Entity of any breach of Contract operate as a waiver of any subsequent or continuing breach of Contract.
<p>3. Governi ng Laws and Jurisdic tion</p>	<p>3.1 Governing Laws and Jurisdiction</p> <ol style="list-style-type: none"> 1) This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Laws of India for the time being in force. 2) Irrespective of the place of delivery, or the place of performance or the place of payments under the contract, the contract shall be deemed to have been made at the place from which the Letter of Award (LoA or the contract Agreement, in the absence of LoA) has been issued. The courts of such a place shall alone have jurisdiction to decide any dispute arising out or in respect of the contract. <p>3.2 Changes in Laws and Regulations</p> <p>Unless otherwise stipulated in the contract, if after the last deadline for the bid submission (Techno-commercial), any law, regulation, ordinance, order or bye-law having the force of law is enacted, promulgated, abrogated, or changed in India (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/ or the contract Price, then such Delivery Date and/ or Contract Price shall be correspondingly increased or decreased, to the extent that the contractor has thereby been affected in the performance of any of its obligations under the contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where</p>

	applicable.
4. Communications	<p>4.1 Communications</p> <ol style="list-style-type: none"> 1) All communications under the contract shall be served by the parties on each other in writing, in the contract's language, and served in a manner customary and acceptable in business and commercial transactions. 2) The effective date of such communications shall be either the date when delivered to the recipient or the effective date mentioned explicitly in the communication, whichever is later. 3) No communication shall amount to an amendment of the terms and conditions of the contract, except a formal letter of amendment of the contract, so designated. 4) Such communications would be an instruction or a notification or an acceptance or a certificate from the Procuring Entity, or it would be a submission or a notification from the contractor. A notification or certificate which the contract requires must be communicated separately from other communications. <p>4.2 The person signing the Communications</p> <p>For all purposes of the contract, including arbitration, thereunder all communications to the other party shall be signed by:</p> <ol style="list-style-type: none"> 1) The person who has signed the contract on behalf of the contractor shall sign all correspondences. A person signing communication in respect of the contract or purported to be on behalf of the contractor, without disclosing his authority to do so, shall be deemed to warrant that he has authority to bind the contractor. If it is discovered at any time that the person, so signing has no authority to do so, the Procuring Entity reserves its right to, without prejudice to any other right or remedy, to terminate the contract for default in terms of the contract and avail any or all the remedies thereunder and hold such person personally and/ or the contractor liable to the Procuring Entity for all costs and damages arising from such remedies. 2) Unless otherwise stipulated in the contract, the Procurement Officer signing the contract shall administer the contract and sign communications on behalf of the Procuring Entity. Interim or ultimate consignees; Inspecting Agency/ officers and the paying authorities mentioned in the contract shall also administer respective functions during Contract Execution. <p>4.3 Address of the parties for sending communications by the other party.</p>

	<p>1) For all purposes of the contract, including arbitration, thereunder the address of parties to which the other party shall address all communications and notices shall be:</p> <p>a) The address of the contractor as mentioned in the contract unless the contractor has notified the change of address by a separate communication containing no other topic to the Procuring Entity. The Contractor shall be solely responsible for the consequence of an omission to notify a change of address in the manner aforesaid, and</p> <p>b) The address of the Procuring Entity shall be the address mentioned in the contract. The contractor shall also send additional copies to officers of the Procuring Entity presently dealing with the contract.</p> <p>c) In case of the communications from the contractor, copies of communications shall be marked to the Procurement Officer signing the contract, and as relevant also to Inspecting Agency/ Officer; interim/ ultimate consignee and paying authorities mentioned in the contract. Unless already stipulated in the contract before the contract's start, the Procuring Entity and the contractor shall notify each other if additional copies of communications are to be addressed to additional addresses.</p>
<p>5. Contractor's Obligations and restrictions on its Rights</p>	<p>5.1 Changes in Constitution/ financial stakes/ responsibilities of a Contract's Business</p> <p>The Contractor must proactively keep the Procuring Entity informed of any changes in its constitution/ financial stakes/ responsibilities during the execution of the contract. Where the contractor is a partnership firm, the following restrictions shall apply to changes in the constitution during the execution of the contract:</p> <p>1) A new partner shall not be introduced in the firm except with the previous consent in writing of the Procuring Entity, which shall be granted only upon execution of a written undertaking by the new partner to perform the contract and accept all liabilities incurred by the firm under the contract before the date of such undertaking.</p> <p>2) On the death or retirement of any partner of the contractor firm before the complete performance of the contract, the Procuring Entity may, at his option, terminate the contract for default as per the Contract and avail any or all remedies thereunder.</p> <p>3) If the contract is not terminated as provided in Sub-clause (2) above notwithstanding the retirement of a partner from the firm, that partner shall continue to be liable under the contract for acts of the firm until a copy of the public notice given by him under Section</p>

32 of the Partnership Act, has been sent by him to the Procuring Entity in writing or electronically.

5.2 Obligation to Maintain Eligibility and Qualifications

- 1) The contract has been awarded to the contractor based on specific eligibility and qualification criteria. The Contractor is contractually bound to maintain such eligibility and qualifications during the execution of the contract. Any change which would vitiate the basis on which the contract was awarded to the contractor should be pro-actively brought to the notice of the Procuring Entity within 7 days of it coming to the Contractor's knowledge. These changes include but are not restricted to:
 - a) Change regarding declarations made by it in its bid in Form 1.2: Eligibility Declaration
 - b) Change in its qualification criteria submitted in its bid in Form 4: Qualification Criteria - Compliance and its sub-form(s).

5.3 Restriction on Potential Conflict of Interests

Neither the contractor nor its Subcontractors nor the Personnel shall engage, either directly or indirectly, in any of the following activities:

- 1) during the term of this Contract, any business or professional activities in India that would conflict with the activities assigned to them under this Contract.
- 2) after the termination of this Contract, such other activities as may be stipulated in the contract.

5.4 Consequences of a breach of Obligations

Should the contractor or any of its partners or its Subcontractors or the Personnel commit a default or breach of GCC-clause 5.1 to 5.7, the Contractor shall remedy such breaches within 21 days, keeping the Procuring Entity informed. However, at its discretion, the Procuring Entity shall be entitled, and it shall be lawful on his part, to treat it as a breach of contract and avail any or all remedies thereunder. The decision of the Procuring Entity as to any matter or thing concerning or arising out of GCC-clause 5.1 to 5.7 or on any question whether the contractor or any partner of the contractor firm has committed a default or breach of any of the conditions shall be final and binding on the contractor.

5.5 Assignment and Sub-contracting

- 1) the contractor shall not, save with the previous consent in writing of the Procuring Entity, sublet, transfer, or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner whatsoever.

- 2) the contractor shall notify the Procuring Entity in writing all subcontracts awarded under the contract if not already stipulated in the contract. In its original bid or later, such notification shall not relieve the contractor from any of its liability or obligation under the terms and conditions of the contract. Subcontract shall be only for bought out items and incidental Works/ Services. Subcontracts must comply with and should not circumvent Contractor's compliance with its obligations under GCC-clause 5.1 to 5.7, based on which the contract was awarded to him.
- 3) If the Contractor sublets or assigns this contract or any part thereof without such permission, the Procuring Entity shall be entitled, and it shall be lawful on his part, to treat it as a breach of contract and avail any or all remedies thereunder.

5.6 Indemnities for breach of IPR Rights

- 1) the contractor shall indemnify and hold harmless, free of costs, the Procuring Entity and its employees and officers from and against all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which may arise in respect of the Goods provided by the contractor under this Contract, as a result of any infringement or alleged infringement of any patent, utility model, registered design, copyright, or other Intellectual Proprietary Rights (IPR) or trademarks, registered or otherwise existing on the date of the contract arising out of or in connection with:
 - a) any design, data, drawing, specification, or other documents or Goods provided or designed by the contractor for or on behalf of the Procuring Entity, and
 - b) The installation of the Goods by the contractor or the use of the Goods at the Procuring Entity's Site
- 2) Such indemnity shall not cover any use of the Goods or any part thereof or any products produced thereby:
 - a) other than for the purpose indicated by or to be reasonably inferred from the contract
 - b) in association or combination with any other equipment, plant, or materials not supplied by the contractor.
- 3) If any proceedings are brought, or any claim is made against the Procuring Entity arising out of the matters referred above, the Procuring Entity shall promptly give the contractor a notice thereof. At its own expense and in the Procuring Entity's name, the contractor may conduct such proceedings and negotiations to settle

any such proceedings or claim, keeping the Procuring Entity informed.

- 4) If the contractor fails to notify the Procuring Entity within twenty-eight (28) days after receiving such notice that it intends to conduct any such proceedings or claim, then the Procuring Entity shall be free to conduct the same on its behalf at the risk and cost to the contractor.
- 5) At the contractor's request, the Procuring Entity shall afford all available assistance to the contractor in conducting such proceedings or claim and shall be reimbursed by the contractor for all reasonable expenses incurred in so doing.

5.7 Confidentiality, Secrecy and IPR Rights

5.7.1 IPR Rights

All deliverables, outputs, plans, drawings, specifications, designs, reports, and other documents and software submitted by the contractor under this Contract shall become and remain the property of the Procuring Entity and subject to laws of copyright and must not be shared with third parties or reproduced, whether in whole or part, without the Procuring Entity's prior written consent. The contractor shall, not later than upon termination or expiration of this Contract, deliver all such documents and software to the Procuring Entity, together with a detailed inventory thereof. The contractor may retain a copy of such documents and software but shall not use it for any commercial purpose.

5.7.2 Confidentiality

All documents, drawings, samples, data, associated correspondence or other information furnished by or on behalf of the Procuring Entity to the contractor, in connection with the contract, whether such information has been furnished before, during or following completion or termination of the contract, are confidential and shall remain the property of the Procuring Entity and shall not, without the prior written consent of Procuring Entity neither be divulged by the contractor to any third party, nor be used by him for any purpose other than the design, procurement, or other services and work required for the performance of this Contract. If advised by the Procuring Entity, all copies of all such information in original shall be returned on completion of the contractor's performance and obligations under this contract.

5.7.3 Secrecy

If the Contract declares the subject matter of this Contract as coming under the Official Secrets Act, 1923 or if the contract is marked as "Secret", the contractor shall take all reasonable steps necessary to

ensure that all persons employed in any connection with the contract, have acknowledged their responsibilities and penalties for violations under the Official Secrets Act and any regulations framed thereunder.

5.7.4 Obligations of the contractor

- 1) Without the Procuring Entity's prior written consent, the contractor shall not use the information mentioned above except for the sole purpose of performing this contract.
- 2) The contractor shall treat and mark all information as confidential (or secret – as the case may) and shall not, without the written consent of the Procuring Entity, divulge to any person other than the person(s) employed by the contractor in the performance of the contract. Further, any such disclosure to any such employed person shall be made in confidence and only so far as necessary for such performance for this contract.
- 3) Notwithstanding the above, the contractor may furnish to its holding company or its Subcontractor(s) such documents, data, and other information it receives from the Procuring Entity to the extent required for performing the contract. In this event, the contractor shall obtain from such holding company/ Subcontractor(s) an undertaking of confidentiality (or secrecy – as the case may be) similar to that imposed on the contractor under the above clauses.
- 4) The obligation of the contractor under sub-clauses above, however, shall not apply to information that:
 - a) the contractor needs to share with the institution(s) participating in the financing of the contract;
 - b) now or hereafter is or enters the public domain through no fault of Contractor;
 - c) can be proven to have been possessed by the contractor at the time of disclosure and which was not previously obtained, directly or indirectly, from the Procuring Entity; or
 - d) Otherwise lawfully becomes available to the contractor from a third party that has no obligation of confidentiality.
- 5) The above provisions shall not in any way modify any undertaking of confidentiality (or Secrecy – as the case may be) given by the contractor before the date of the contract in respect of the contract/ the Tender Document or any part thereof.
- 6) The provisions of this clause shall survive completion or termination for whatever reason of the contract.

5.8 Performance Security

- 1) Unless stipulated otherwise in SCC, within fourteen days after the issue of Letter of Award (LoA or the contract, if LoA is skipped) by the Procuring Entity, the contractor shall furnish to the Procuring Entity, performance security, as per details given in SCC.
- 2) The Performance security shall be denominated in Indian Rupees or the currency of the contract and shall be in one of the following forms:
 - a) Unless otherwise stipulated in Tender Document or Contract, Account Payee Demand Draft or Fixed Deposit Receipt or Banker's Cheque drawn on any commercial bank in India, favoring Central Medical Services Society payable at New Delhi.
 - b) Bank Guarantee issued by a commercial bank in India, in the prescribed form provided in Format 1.1.
- 3) If the contractor, having been called upon by the Procuring Entity to furnish Performance Security, fails to do so within the specified period, it shall be lawful for the Procuring Entity at its discretion to annul the award and forfeit the EMD/ enforce Bid Securing Declaration, as the case may be.
- 4) If the contractor during the currency of the Contract fails to maintain the requisite Performance Security, it shall be lawful for the Procuring Entity at its discretion
 - a) to terminate the Contract for Default besides availing any or all contractual remedies provided for breaches/ default, or
 - b) without terminating the Contract:
 1. Recover from the contractor the amount of such security deposit by deducting the amount from the pending bills of the contractor under the contract or any other contract with the Procuring Entity or
 2. Treat it as a breach of contract and avail any or all contractual remedies provided for breaches/ default.
- 5) In the event of any amendment issued to the contract, the contractor shall furnish suitably amended value and validity of the Performance Security in terms of the amended contract within fourteen days of issue of the amendment.
- 6) The Procuring Entity shall be entitled, and it shall be lawful on his part,

	<p>a) to deduct from the performance securities or to forfeit the said security in whole or in part in the event of:</p> <ol style="list-style-type: none"> i. any default, or failure or neglect on the part of the contractor in the fulfilment or performance in all respect of the contract under reference or any other contract with the Procuring Organisation or any part thereof ii. for any loss or damage recoverable from the contractor which the Procuring Entity may suffer or be put to for reasons of or due to above defaults/ failures/ neglect <p>b) and in either of the events aforesaid to call upon the contractor to maintain the said performance security at its original limit by making further deposits, provided further that the Procuring Entity shall be entitled, and it shall be lawful on his part, to recover any such claim from any sum then due or which at any time after that may become due to the contractor for similar reasons.</p> <p>7) Subject to the sub-clause above, the Procuring Entity shall release the performance security without any interest to the contractor on completing all contractual obligations, including the warranty obligations, if any.</p> <p>8) No claim shall lie against the Procuring Entity regarding interest on cash deposits or Government Securities or depreciation thereof.</p> <p>5.9 Permits, Approvals and Licenses</p> <p>Whenever the supply of Goods and incidental Works/ Services requires that the contractor obtain permits, approvals, and licenses from local public authorities, it shall be the contractor's sole responsibility to obtain these and keep these current and valid. Such requirements may include but not be restricted to export licence or environmental clearance if required. If requested by the contractor, the Procuring Entity shall make its best effort to assist the contractor in complying with such requirements in a timely and expeditious manner, without any dilution of the Contractor's responsibility in this regard.</p> <p>5.10 Book Examination Clause</p> <p>The Procuring Entity reserves the right for 'Book Examination' as follows:</p> <ol style="list-style-type: none"> 1) the contractor shall, whenever called upon and required to produce or cause to be produced, for examination by any Government Officer duly authorised in that behalf, any cost or other book of account, voucher, receipt, letter, memorandum, paper or writing or any copy of or extract from any such document. The Contractor
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	<p>shall also furnish information relating to the execution of this contract or relevant for verifying or ascertaining the cost of executing this contract to such Government Officer in such manner as may be required. The decision of such Government Officer on the question of relevancy of any document, information of return being final and binding on the parties. The obligation imposed by this clause is without prejudice to the contractor's obligations under any other statute, rules or orders which shall be concurrently binding on the contractor.</p> <p>2) the contractor shall, if the authorised Government Officer so requires (whether before or after the prices have been finally fixed), afford facilities to the Government Officer concerned to visit the contractor's premises to examine the processes of production and estimate or ascertaining the cost of performance of Contract. The authorised Government Officer shall have power, mutadis mutandis, to examine all the relevant books of Contractor's subcontractor, or any subsidiary or allied firm or company, If any portion of the contract is entrusted or carried out by such entities.</p> <p>3) If on such examination, it is established that the contracted price is more than the actual cost-plus reasonable margin of profit, the Procuring Entity shall have the right to reduce the price and determine the amount to a reasonable level.</p> <p>4) The Contractor or its agency is bound to allow examination of its books within 60 days from the date the notice is received by the contractor or its agencies calling for the production of documents under sub-clause (1) above. In the event of the contractor's or his agency's failure to do so, the contract price would be reduced and determined according to the best judgment of the Procuring Entity, which would be final and binding on the contractor and his agencies.</p> <p>5.11– Deleted.</p> <p>5.12– Deleted</p>
6. Scope of Supply and Technical Specifications	<p>6.1 The Scope of Supply</p> <p>1) The contract is for supply of goods as stipulated in “Schedule of Requirement” conforming to specification as indicated in the “Technical Specification and Quality Assurance” and as per terms and conditions as indicated in GCC (General Condition of contract) read with SCC (Special Condition of Contract).</p>

- 2) Incidental Works/ Services: If so stipulated, the contractor shall be required to perform specified incidental Works/ Services as an integral part of the Goods in the contract.

6.2 Technical Specifications and Standards

The Goods & incidental Works/ Services to be provided by the contractor under this contract shall conform to the technical specifications and quality control parameters mentioned in 'Technical Specification and Quality Assurance' under Section VI of the Tender Document and as stipulated in the contract. Wherever references are made in the Contract to codes and standards by which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Contract. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser. For standards and requirements where no applicable specifications/ Quality Assurance are mentioned, appropriate latest authoritative standards and quality assurance issued by the concerned institution shall be applicable. The Goods supplied shall be.

- 1) Entirely brand new, unused, and incorporate all recent improvements in design and materials unless prescribed otherwise by the Procuring Entity in the contract.
- 2) conform to materials, manufacture and workmanship as stipulated in the contract, free of all defects and faults using specified/ appropriate materials, manufacture, and workmanship throughout and consistent with the established and generally accepted standards for Goods of the type ordered and in full conformity with the contract specification, drawing or sample, if any.
- 3) No modification can be made in artwork of product unless prior approved from programme division

6.3 Quantity Tolerance

Purchaser reserves the right to treat the supply obligations of contractor complete if goods have been supplied to the extent of 98% of the contracted quantity. Only the supplied quantity shall be paid for as per the terms of the contract.

6.4 Eligible Goods - Country of Origin and Minimum Local Content

The country of origin of 'Goods' and 'incidental Works/ Service' to be supplied under the contract shall have their origin in India or other countries and must conform to the declaration made by the contractor in its bid regarding but not limited to i) restrictions on certain countries with land-borders with India; ii) minimum local content and location of value addition (Make in India Policy); iii) Contractor's status as MSE

or Start-up. The term “origin” used in this clause means where the goods (including subcontracted components) are mined, grown, produced, or manufactured or from where the incidental Works/ Services are arranged and supplied. For purposes of this Clause, the term ‘Goods’ shall have the meaning as defined in GCC-clause 1.2.

6.5- Option Quantity Clause

In exceptional situation where the requirement is of an emergent nature and/ or it is necessary to ensure continued supplies from the existing vendors, the purchaser reserves the right to place repeat order up to 50% of the quantity of the goods and/or services contained in the contract till the last scheduled date of supplies OR up to a period of twelve months from the date of Long Term agreement (LTA), whichever is later, at the same rate or a rate negotiated (downwardly) with the existing vendors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc. The delivery period for the aforesaid ordered quantity shall be scheduled after the completion of the delivery of the original tendered quantity or on mutual consent between the supplier and CMSS.

6.6 - Deleted.

6.7 Warranty/ Guarantee

The following warranty/ Guarantee clause shall apply:

- 1) the contractor hereby covenants that it is a condition of the contract that all Goods supplied to the Procuring Entity under this contract shall comply to technical specification, free of all defects and faults arising from design, materials or workmanship or from any act or omission of the contractor, that may develop under the conditions prevailing in India.
- 2) the contractor also guarantees that the said Goods would continue to conform to the description and quality as aforesaid, throughout the specified shelf life as stipulated in the contract.
- 3) Obligations of the contractor under the warranty clause shall survive even though:
 - a) The Goods may have been inspected, accepted, and paid for by the Procuring Entity.
 - b) The contract is terminated for any reason whatsoever.
- 4) The Procuring Entity shall promptly notify in writing to the contractor, if during the period above, the said goods/ stores/ articles are discovered not to conform to the description and quality or have deteriorated. The decision of the Procuring Entity in that behalf being final and conclusive.

	<p>5) Unless otherwise stipulated in SCC, upon receipt of such notice, the contractor shall, within 03 working days acknowledge the receipt of such notices and its commitment to expeditiously, but not later within 60 days from the date of receipt of such notice, replace the defective Goods free of cost, at the Consignee destination. The Contractor shall take over the replaced parts/ Goods after providing their replacements, and no claim shall lie on the Procuring Entity for such replaced parts/ Goods after that.</p> <p>6) If the contractor, having been notified, fails to replace/rectify the defect(s) within the aforesaid period as specified in sub para (5) above it shall amount to breach of Contract for default under GCC-clause 12.1, and the Procuring Entity shall avail any or all remedial action(s) thereunder.</p> <p>7) The warranty shall apply to replacement batches also.</p> <p>6.8 – Deleted</p>
7. Inspection and Quality Assurance	<p>7.1 QUALITY CONTROL</p> <p>1) Quality Control is an essential part of the current procurement and it is the responsibility of the supplier to ensure the products conform to the standards as specified in ‘Technical Specification and Quality Assurance’ under Section VI of the Tender Document during its entire shelf life.</p> <p>2) The bidder/ supplier understand that the tendered item/items is/are critical health goods and the quality parameters of supplied goods are to be ensured during complete specified shelf life as indicated in technical specification/bid document/ official compendium. Bidder/Supplier also appreciate that failure in quality checks is serious default as it may derail entire programme and can also risk the life of users of supplied health goods.</p> <p>3) Accordingly, all the products supplied by the supplier must be quality checked for its compliance with the technical specification by SGS/Lloyds/Veritas/UL/TUV and/or any other inspection agency designated by purchaser. The expenses related to the inspection of goods shall be borne by the supplier. Satisfactory quality report from any of the above designated agency shall be submitted to the purchaser for dispatch approval.</p> <p>4) After satisfactory quality report of testing lab, dispatch clearance shall be given to supplier by Quality Assurance Department of Purchaser. Only after getting dispatch clearance, supplier will deliver the items to the consignees as per the schedule mentioned in the Purchase Order. If the supplier delivers/dispatches goods without complying with aforesaid Quality Assurance and dispatch</p>

	clearance process, The Purchaser shall not accept such supplies and will not process the bills for payments of such goods. The supplier will be solemnly responsible for any of its actions.
8. Packing, Transportation, Insurance and Receipt	<p>8.1 Packing Specifications and Quality</p> <ol style="list-style-type: none"> 1) The marking of the Goods must comply with the Goods of the laws relating to merchandise marks for the time being in force in India. 2) The packing for the Goods to be provided by the contractor 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. If necessary, the size, weights, and volumes of the packing cases, the remoteness of the goods' final destination, and availability or otherwise of transport and handling facilities at all points during transit up to the final destination shall also be considered. 3) The packaging unit should be strong, able to be stacked to a height of 4 pallets as static storage and 2 pallets during transport, and resistant to puncturing. Special attention of suppliers is invited to ensure the material is of good quality and is free from development of fungus/termites. In case fungus/termites develops within 15 days of delivery at specified locations, suppliers at their own cost would lift the entire batch from various locations and supply fresh replaced batches. For LD purposes the date of receipt of replaced batches would count. In addition, the expenses on pest control to be undertaken by CMSS would be borne by the tenderer. 4) The quality of packing, the manner of marking within & outside the packages, and accompanying documentation shall strictly comply with the 'Technical Specification and Quality Assurance' and in the contract. If the packing requirements are amended due to any amendment to the contract, the contractor shall comply accordingly. 5) Unless otherwise provided in the contract, all containers (including packing cases, boxes, tins, drums, and wrappings) in which the contractor supplies the Goods shall be considered non-returnable and their cost included in the contract price. <p>8.2 Packing instructions</p> <p>Unless otherwise mentioned in the 'Technical Specification and Quality Assurance' under Sections VI and SCC under Section VII, the contractor shall make separate packages for each 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:</p>

	<ol style="list-style-type: none"> 1) An iconic graphical mark to visually identify a particular consignment. 2) Name of the Procuring Entity; contract number and date 3) brief description of Goods including quantity. 4) the gross weight of the package 5) Serial number of this package and the total number of packages in the consignment 6) packing list reference number 7) country of origin of goods 8) consignee's name and full address and 9) Contractor's name and address <p>8.3 Transfer of Title of Goods</p> <ol style="list-style-type: none"> 1) Unless otherwise stated in the contract, notwithstanding any inspection and approval by the Inspecting Officer on the contractor's premises, or any payments made to the contractor, property in the Goods (and resultant rights and liabilities) shall not pass on to the Procuring Entity until the Goods have been received, inspected, and accepted by the consignee. The Goods and every constituent part thereof, whether in the possession or control of the contractor, his agents or servants or a carrier, or the joint possession of the contractor, his agents or servants and the Procuring Entity, his agents, or servants, shall remain in every respect at the risk of the contractor, until their actual delivery to a person stipulated in the contract as the interim consignee for dispatch to the consignee. The Contractor shall be responsible for all loss, destruction, damage, or deterioration of or to the Goods from any cause whatsoever while the Goods after approval by the Inspecting Officer are awaiting dispatch or delivery or are in the course of transit from the contractor to the consignee. The Contractor shall alone be entitled and responsible for making claims against any carrier in respect of non-delivery, short delivery, mis-delivery, loss, destruction, damage, or deterioration of the Goods entrusted to such carrier by the contractor for transmission to the consignee or the interim consignee as the case may be. 2) Provided that where, under the terms of the contract, the Goods are required to be delivered to an interim consignee for dispatch to the consignee, the Goods shall be at the Procuring Entity's risk after their delivery to the interim consignee.
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8.4 Transportation

The contractor shall be responsible for free delivery of consignment at consignees place. Accordingly, the contractor shall arrange transportation, insurance etc. of the ordered Goods as per its procedure.

8.4.1 Distribution of Dispatch Documents for Clearance/ Receipt of Goods

- 1) Supplier will integrate with e- aushadhi system of CMSS and Supplier Interface Module in which supplier shall be required to enter/upload batch no, qty, mfg & expiry date, tranche no, invoice/challan copy etc. against PO no. Suppliers are requested to submit their Original Invoice along with copies of Lorry Receipt/ Deliver challans and original Consignee Receipt Certificate (CRC) duly signed & stamped with other necessary documents for smooth processing of payment.
- 2) The contractor shall notify the Procuring Entity, consignee, and others concerned, if mentioned in the contract, the complete details of dispatch and also supply the following documents (as relevant) to them by registered post/ speed post/ courier besides advance intimation by digital means (or as instructed in the contract or SCC) :

Required Documents from Supplier for Material Acceptance at Consignee		
S. No	Description	Remark
1	LR Copy (Lorry receipt copy)	Transporter's copy (Bilty) of delivery of consignment
2	Invoice copy of material	To be provided by the supplier having the following details: 1. Invoice Number 2. Invoice Date 3. Item Name and Model 4. Serial Number of Equipment 5. PO. No. and Date 6. Tranche No. 7. Quantity 8. Date of Manufacturing

	3	Packing list of inward material	To be provided by the supplier having the following details: 1. Total Number of Intact Boxes/ Cartons 2. Quantity per Box 3. No. of Loose Box (if any) 4. Quantity in Loose Box
	4	Satisfactory quality testing report from designated inspection agency	To be provided by the supplier with the details of inspection agency quality report containing the following: a) Manufacturer’s Name b) Manufacturing Site Address c) Name of the product with Model d) Serial No. of Equipment e) Date of manufacture f) Inspection Agency g) Date of Analysis g) Conclusion h) Authorized signatures
	5.	E way Bill	To be provided by the supplier, the copy of the E way Bill
	6.	Any other document(s), as and if mentioned explicitly in the contract.	
	3) The contractor shall send all the relevant dispatch documents well in time to the Procuring Entity to enable it to clear or receive (as the case may be) the Goods in terms of the contract.		

8.5 – Deleted.

8.6 – Deleted.

8.7 Receipt of Consignment

	<p>8.7.1 Preliminary Acknowledgement</p> <p>At the time of the delivery at the destination, the consignee shall receive the Goods on a "subject to inspection and acceptance in terms of contract" basis and shall issue the preliminary receipt to acknowledge having received the claimed quantity (not the quality) of consignment.</p> <p>8.7.2 Goods Receipt Note (GRN)/Consignee Receipt Certificate (CRC)</p> <p>If the received consignment successfully passes the quantity and quality checks, procuring Entity shall issue a Goods Receipt Note/Consignee Receipt Certificate (GRN/CRC, or a similar voucher by any other name). The contractor may claim payment based on this document inter-alia other specified documents.</p> <p>8.7.3 Rejection of Consignment by the Consignee</p> <p>If the received consignment or part thereof fails to pass quantity and quality checks, the Procuring Entity shall issue a GRN/CRC only for the accepted quantity.</p> <p>8.7.4 Short Receipt Certificate</p> <p>If the quantity received is less than claimed/ invoiced, GRN/Rejection Note shall be issued only for the received quantity.</p> <p>8.7.5 Perishable Goods</p> <p>For Goods with a limited shelf life, the contractor shall ensure that at least 5/6th (or any other period/criteria stipulated in the SCC) of shelf-life remains balance on delivery date. The Procuring Entity reserves rights to reject expired or products with less than such specified shelf life.</p>
<p>9. Terms of Delivery and delays</p>	<p>9.1 Effective Date of Contract</p> <p>The effective date of the contract shall be the date on which letter of award (LOA) has been issued by the Procuring Entity. All contractual obligations including Purchaser's right to place purchase orders shall commence from such date. No notice to commence the contract shall be issued separately.</p> <p>9.2 Time is the essence of the contract</p> <p>The time for and the date for delivering the Goods stipulated in the contract or as extended shall be deemed to be of the essence of the contract. Delivery must be completed not later than the date(s) so specified or extended.</p> <p>9.3 Destination Places</p> <p>The destination(s) where the Goods are to be delivered shall be as</p>

stipulated in the contract or Section V – Schedule of Requirements.

9.4 Terms of Delivery

- 1) Terms of delivery is DDP Consignee site unless otherwise stipulated differently in Section V – Schedule of Requirements. Accordingly, the contractor shall arrange transportation, insurance etc. of the ordered Goods as per its own procedure.
- 2) The delivery shall not be complete unless the Goods are inspected and accepted by the Consignee as provided in the contract. No Goods shall be deliverable to the consignee on Sundays and public holidays or outside designated working hours without the written permission of the consignee.
- 3) the contractor shall not deliver the Goods after the expiry of the delivery period. The Contractor must apply to the Procuring Entity to extend the delivery period and obtain the same before dispatch. If the contractor 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 Procuring Entity.

9.5 – Deleted.

9.6 Progressing of Deliveries

The Contractor shall allow reasonable facilities and free access to his Works/ records to the Inspecting Officer or such other Officer as may be nominated by the Procuring Entity to ascertain the progress of the deliveries under the contract. The Contractor shall, from time-to-time, render such reports concerning the progress of the contract and/ or supply of the Goods in such form as may be required by the Procuring Entity. The submission, receipt and acceptance of such reports shall not prejudice the rights of the Procuring Entity under the contract, nor shall operate as an estoppel against the Procuring Entity merely because he has not taken notice of/ or subjected to test any information contained in such report.

9.7 Notification of Delivery.

Notification of delivery or dispatch regarding every installment shall be made to the consignee and to the Procuring Entity immediately on dispatch or delivery. The Contractor shall further supply to the consignee, packing list of the consignment and the contract references. All packages, containers, bundles, and loose materials part of every installment shall be fully described in the packing list, and complete details of the contents of the packages and quantity of materials shall be given to enable the consignee to check the Goods on arrival at destination.

9.8 Dispatches at the last moment or after the expiry of the delivery

- 1) If the contractor supplies a consignment after the expiry of the contracted delivery date, the Consignee may either refuse to receive it or receive it without prejudice to the rights of the Procuring Entity under the terms and conditions of the contract. Such consignments shall lie at the risk and responsibility of the contractor. Such a receipt by the consignee shall not acquiesce or condone the late delivery and shall not intend or amount to an extension of the delivery period or keeping the contract alive. The Contractor must obtain an extension of the delivery date/period from the Procuring Entity.
- 2) Deleted.
- 3) Deleted.

9.9 Delay in the contractor's performance

If the contractor fails to deliver the Goods or any instalment thereof or delays incidental Work/ Services within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period, the Procuring Entity may without prejudice to his other rights:

- 1) recover from the contractor liquidated damages as per clause 9.12 below, or
- 2) treat the delay as a breach of contract as per clause 12.1 below and avail all the remedies therein.

9.10– Deleted.

9.11 Extension of Delivery Period:

- 1) If at any time during the currency of the contract, the contractor encounters conditions hindering timely delivery of the Goods and performance of incidental Works/ Services, he shall promptly inform the Procuring Entity in writing about the same and its likely duration. He must make a request to the Procuring Entity for an extension of the delivery schedule. On receiving the contractor's communication, the Procuring Entity shall examine the situation and, at its discretion, may agree to extend the delivery schedule, with or without liquidated damages and with and without denial clause by issuing an amendment to the contract.
- 2) **Conditions for Extension of Delivery Period:** When the period of delivery is extended due to unexcused delay by the contractor, the amendment extending the delivery period shall, inter alia, be subject to the following conditions:

	<p>a) Liquidated Damages: The Procuring Entity shall recover from the contractor, under the provisions of this clause, liquidated damages on the Goods and incidental Works/ Services, which the contractor has failed to deliver within the delivery period stipulated in the contract.</p> <p>b) Denial Clause:</p> <ul style="list-style-type: none"> i. No increases in price on account of any statutory increase in or fresh Imposition of GST, customs duty or on account of any other taxes/ duty/ cess/ levy), leviable in respect of the Goods and incidental Works/ Services stipulated in the said contract which takes place after the original delivery date, shall be admissible on such of the said Goods, as are delivered after the said date; and ii. Notwithstanding any stipulation in the contract for an increase in price on any other ground, including price variation clause or foreign exchange rate variation, or any other variation clause, no such increase after the original delivery date shall be admissible on such goods delivered after the said date. iii. Nevertheless, the Procuring Entity shall be entitled to the benefit of any decrease in price on account of reduction in or remission of GST, customs duty or on account of any other Tax or duty or any other ground as stipulated in the price variation clause or foreign exchange rate variation or any other variation clause which takes place after the expiry of the original delivery date. <p>9.12 Liquidated damages</p> <ul style="list-style-type: none"> 1) Subject to GCC clause 9.11, if the contractor fails to deliver any or all of the Goods or fails to perform the incidental Works/ Services within the time frame(s) incorporated in the contract, the Procuring Entity shall, without prejudice to other rights and remedies available to the Procuring Entity under the contract, deduct from the contract price, as agreed liquidated damages, but not as a penalty, a sum equivalent to the ½ % (half percent) of the delivered price (including elements of GST & freight) of the delayed Goods and/ or incidental Works/ Services for each week of delay to be applied proportionately on per day basis for first four weeks of delay. For subsequent delays, a sum equivalent to 2.5% (two and half percent), instead of 0.5%, for each week of delay to be applied proportionately on per day basis of delivered price shall be deducted as liquidated damages. The maximum deduction on account of LD shall not exceed 10% of the delayed goods or incidental works/service contract price(s). Besides liquidated damages during such a delay, the denial clause as per GCC-clause 9.11-2(b) shall also apply.
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	<p>2) Deleted.</p> <p>9.13 Force Majeure</p> <p>1) On the occurrence of any unforeseen event, beyond the control of either Party, directly interfering with the delivery of Services arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the affected Party shall, within a week from the commencement thereof, notify the same in writing to the other Party with reasonable evidence thereof. Unless otherwise directed by the Procuring Entity in writing, the contractor shall continue to perform its obligations under the contract as far as reasonably practicable and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. If the force majeure condition(s) mentioned above be in force for 90 days or more at any time, either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract before such termination.</p> <p>2) Notwithstanding the remedial provisions contained in GCC-clause 9.12 or 12.1, none of the Party shall seek any such remedies or damages for the delay and/ or failure of the other Party in fulfilling its obligations under the contract if it is the result of an event of Force Majeure.</p>
10 Prices and Payments	<p>10.1 Prices</p> <p>10.1.1 Charged Prices</p> <p>Prices to be charged by the contractor for the supply of Goods and provision of incidental Works/ Services in terms of the contract shall not vary from the corresponding prices quoted by the contractor in its bid or during negotiations, if any, and incorporated in the contract except for any price adjustment authorized in the contract.</p> <p>10.1.2 Controlled Prices</p> <p>1) The price charged by the contractor shall not be higher than the controlled price fixed by law for the Goods, or where there is no controlled price, it shall not exceed the minimum of Maximum Retail Price (MRP) at which the same or similar Goods are available in the market in the relevant region, or contravene the</p>

	<p>norms for fixation of prices laid down by Government, or where the Government has not fixed such prices or norms, it shall not exceed the price appearing in any agreement relating to price regulation by any industry in consultation with the Government.</p> <p>2) Penalties for overcharging: If the sub-clause above is violated, unless the contractor had explicitly mentioned this fact in his bid giving reasons for quoting a higher price (s), or makes any mis-statement, it shall be lawful for the Procuring Entity to:</p> <ul style="list-style-type: none"> a) annul the award and treat it as a misdemeanour as per the contract and take any or all punitive remedies available thereunder, or b) without annulling the award, take action as per GCC-clause 10.4 to recover the overcharged amount, or c) treat it as a breach of contract as per GCC-Clause 12.1 and avail any or all remedies thereunder. <p>10.1.3– Deleted.</p> <p>10.1.4 Firm Prices</p> <p>Prices stipulated in the contract shall be fixed and firm.</p> <p>10.1.5– Deleted.</p> <p>10.1.6 Fall Clause</p> <ul style="list-style-type: none"> 1) The price charged for the Goods supplied under the contract by the contractor shall in no event exceed the lowest price at which the contractor sells the Goods or offers to sell Goods of identical description, to any persons/ organizations including the Procuring Entity or any Department or Undertaking of the Central Government, as the case may be during the currency of the contract. Contractor shall forthwith notify such reduction or sale or offer of sale to the Procuring Entity and the price payable under the contract for the Goods supplied after the date of coming into force or such reduction or sale or offer of sale shall stand correspondingly reduced. 2) The above stipulation shall, however, not apply to: <ul style="list-style-type: none"> a) Exports by the contractor b) Sale of Goods as original equipment at prices lower than the prices charged for normal replacement c) Sale of perishable Goods having a limited shelf life, such as drugs that have expiry dates
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	<p>3) the contractor shall furnish the following certificate to the concerned Accounts Officer with each bill for payment of supplies made against the contract.</p> <p>“We certify that there has been no reduction in the sale price of the Goods of description identical to the Goods supplied to the Procuring Entity under the contract herein, and such Goods have not been offered/ sold by me/ us to any person/ organisation including any Ministry/ Department/ Attached and Subordinate Office/ Public Sector Undertaking of Central or State Government(s) as the case may be upto the date of bill/ the date of completion of Contract at a price lower than the price charged under this contract except for the quantity of Goods categories under (a), (b) and (c) of sub-clause (2) above, details of which are as follows:-”</p> <p>10.1.7 Compliance with PPP-MI Order</p> <p>In accordance with provision of Para 9 (c) of PPPMII order dated 19.07.2024, for all contracts above INR 10 Crores, the contractor shall provide local contract certificate from practicing Chartered / Cost Accountant with last bill of each tranche. In case the contractor/ supplier does not meet the stipulated local content requirement and the category of the supplier changes from Class-I to Class-II / Non local or from Class-II to Non-local, a penalty upto 10% of the contract value shall be imposed. However, contract once awarded shall not be terminated on this account.</p> <p>10.2 Taxes and Duties</p> <ol style="list-style-type: none"> 1) the contractor shall be entirely responsible for all taxes, duties, fees, levies etc., incurred until delivery of the Goods to the Procuring Entity. 2) If applicable under relevant tax laws and rules, the Procuring Entity shall deduct from all payments and deposit required taxes to respective authorities on account of GST Reverse Charge Mechanism; Tax Deducted at Source (TDS), and Tax Collected at Source (TCS) relating to Income Tax, labour cess, royalty etc. 3) Payment of GST Tax under the contract: <ol style="list-style-type: none"> a) The payment of GST and GST Cess to the contractor shall be made only on the latter submitting a GST compliant Bill/ invoice indicating the appropriate HSN code and applicable GST rate thereon duly supported with documentary evidence as per the provision of relevant GST Act and the Rules made there under. The delivery shall be shown being made in the name, location/ state, and GSTIN of the consignee only; the location of the
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	<p>procurement office of the procuring entity has no bearing on the invoicing.</p> <p>b) The supply of Goods or services or both, if imported into India, shall be considered as supply under inter-state commerce/ trade and shall attract integrated tax (IGST). The IGST rate and GST cess shall be applicable on the 'Custom Assessable Value' plus the 'Basic Customs duty applicable thereon'.</p> <p>c) While claiming reimbursement of duties, taxes etc. (like GST) from the Procuring Entity, as and if permitted under the contract, the contractor 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 contractor) shall refund to the Procuring Entity, the Procuring Entity's share out of such refund received by the contractor. The Contractor shall also refund the appropriate amount to the Procuring Entity immediately on receiving the same from the concerned authorities.</p> <p>d) All necessary adjustment vouchers such as Credit Notes/ Debit Notes for any short/ excess supplies or revision in prices or any other reason under the contract shall be submitted to the Procuring Entity in compliance with GST provisions.</p> <p>e) In case of Price Variation or Exchange Rate variation, or any other variation is applicable, GST shall be applicable on the net invoice value after the variation is taken into account.</p> <p>f) GST shall be paid as per the rate at which it is liable to be assessed or has been assessed provided the transaction of the sale is legally liable to such taxes and is payable as per the terms of the contract subject to the following conditions:</p> <ol style="list-style-type: none"> i. The Procuring Entity shall not pay a higher GST rate if leviable due to any misclassification of HSN number or incorrect GST rate incorporated in the contract due to contractor's fault. Wherever the contractor invoices the Goods at GST rate or HSN number, which is different from that incorporated in the contract, payment shall be made as per GST rate, which is lower of the GST rates incorporated in the contract or billed. ii. However, the Procuring Entity shall not be responsible for the contractor's tax payment or duty under a misapprehension of the law. iii. Bidder is informed that he shall be required to adjust his basic price to the extent required by a higher tax rate billed as per invoice to match the all-inclusive price mentioned in the contract.
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	<p>iv. In case of profiteering by the contractor relating to GST tax, the Procuring Entity shall treat it as a violation of the Code of Integrity in the contract and avail any or all punitive actions thereunder, in addition to recovery and action by the GST authorities under the Act.</p> <p>v. The contractor should issue Receipt vouchers immediately on receipt of all types of payments along with tax invoices after adjusting advance payments, if any, as per Contractual terms and GST Provisions.</p> <p>4) Statutory Variation Clause: Unless otherwise stated in the contract, statutory increase in applicable GST rate only during the original delivery period shall be to Procuring Entity's account. Any increase in the rates of GST beyond the original completion date during the extended delivery period shall be borne by the contractor. The benefit of any reduction in GST rate must be passed on to the Procuring Entity during the original and extended delivery period. However, GST rate amendments shall be considered for quoted HSN code only, against documentary evidence, provided such an increase of GST rates after the last date of bid submission.</p> <p>5) Duties/ Taxes on Raw Materials</p> <p>The Procuring Entity is not liable for any claim from the contractor on account of fresh imposition and/ or increase (including statutory increase) of GST, customs duty, or other duties on raw materials and/ or components used directly in the manufacture of the contracted Goods taking place during the pendency of the contract unless such liability is expressly agreed to in terms of the contract.</p> <p>6) Deleted.</p> <p>10.3 Terms and Mode of Payment.</p> <p>10.3.1 Unless otherwise stipulated in SCC, the payment procedure shall be as follows:</p> <ol style="list-style-type: none"> 1) The payments shall only be made in Indian Rupees. 2) The contractor shall send its claim for payment in writing as per GST compliant Invoice and documents, when contractually due, along with relevant documents etc., as stipulated in Contract and a manner as also specified therein. 3) While claiming payment, the contractor 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 contractor for claiming that payment has been fulfilled as required under the contract.
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	<p>4) The usual payment term is 100% on receipt of goods and its acceptance by the consignee as per provisions of the contract on submission of the following documents:</p> <ul style="list-style-type: none"> a) Copy of e-invoice generated from GST Portal. b) Packing list (with Goods Description) of supplied items. c) Satisfactory Inspection Report from designated inspection agency. d) Proof of delivery <ul style="list-style-type: none"> i) Lorry receipt duly signed, stamped and dated in case of CMSS Warehouse. ii) Lorry receipt duly signed, stamped and dated along with Original Consignee Receipt Certificate (CRC) in case of Goods Delivered at Consignee's Location other than CMSS Warehouses. e) Copy of e-Way Bill. f) Warranty Certificate. g) Satisfactory Installation and acceptance Certificate issued by the consignee in original in the prescribed proforma as given in Format 3. h) Undertaking that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the contractor for claiming that payment has been fulfilled as required under the contract. i) Undertaking for Fall Clause as per GCC 10.1.6 j) Local Content Certificate as per GCC 10.1.7 k) Such other documents as indicated in SCC <p>5) All bills/ Invoices should be raised in duplicate and the bills should be drawn in the name of Central Medical Services Society, 2nd Floor, Vishwa Yuvak Kendra, Pandit Uma Shankar Dikshit Road, Chanakyapuri, New Delhi-110021 or in the name of any other authority as may be designated. Supplier has to mention e- aushadhi PO No. and tranche/ lot on the invoice.</p> <p>6) The CMSS shall endeavour to make payment within 75 days in respect of items requiring sterility tests and within 60 days in respect of items requiring non- sterility test from the date of</p>
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	<p>submission of invoice or from the date of receipt of material, whichever is later along with all the relevant documents of tender.</p> <p>7) The payment will be made either by means of Cheque or through RTGS (Real Time Gross Settlement System)/ Core Banking/ NEFT. The Contractor shall give his consent in a mandate form for receipt of payment through NEFT. In case of non-payment through EFT, or where the EFT facility is not available, payment may be released through cheque.</p> <p>8) The Tenderer shall furnish the relevant details in original in Bid Forms to make the payment through RTGS/Core Banking/ NEFT. The payment will be in INR only.</p> <p>9) Supplier will integrate with e- aushadhi system of CMSS and Supplier Interface Module in which selected bidders shall be required to enter/upload batch no, qty, mfg. & expiry date, tranche no, invoice/challan copy etc. against PO no.</p> <p>10) No advance payments towards costs of items will be made to the Tenderer.</p> <p>10.3.2 – Deleted.</p> <p>10.3.3 - Deleted</p> <p>10.3.4 – Deleted.</p> <p>10.4 Withholding and lien in respect of sums claimed:</p> <p>1) Whenever any claim or claims for payment of a sum of money arises against the contractor, out of or under the contract, the Procuring Entity shall be entitled, and it shall be lawful on his part, to withhold and also have a lien to retain such sum or sums, in whole or in part pending finalization or adjudication of any such claim from-</p> <p>a) any security or retention money, if any, deposited by the contractor.</p> <p>b) any sum(s) payable till now or hereafter to the contractor under the same Contract or any other contract with the Procuring Entity if the security is insufficient or if no security has been taken from the contractor.</p> <p>2) Where the contractor is a partnership firm or a limited company, the Procuring Entity shall be entitled, and it shall be lawful on his part, to withhold and also have a lien to retain towards such claimed amount or amounts in whole or in part from any sum found payable to any partner/ limited company, as the case may be, whether in his capacity or otherwise.</p>
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	<p>3) It is an agreed term of the contract that the sum(s) of money so withheld or retained under the lien referred above shall be kept withheld or retained till the claim arising out of or under the contract is determined under clause GCC 11 and/ or 12. The contractor shall have no claim for interest or damages whatsoever on any account in respect of such withholding or retention under the lien referred to supra and duly notified as such to the contractor.</p> <p>4) Lien in respect of Claims in other Contracts: Any sum of money due and payable to the contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Procuring Entity or Government against any claim of the Procuring Entity or Government in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Procuring Entity or Government.</p> <p>10.5 Payment against Time-Barred Claims</p> <p>All claims against the Procuring Entity shall be legally time-barred after three years calculated from the date when the payment falls due unless the payment claim has been under correspondence. The Procuring Entity is entitled to, and it shall be lawful for it to reject such claims.</p> <p><i>10.6 – Deleted.</i></p>
<p>11 Resolution of disputes</p>	<p>Resolution of disputes</p> <p>11.1 Disputes and Excepted Matters</p> <p>All disputes and differences between the parties hereto, as to the construction or operation of this contract, or the respective rights and liabilities of the parties on any matter in question; or any other account whatsoever, but excluding the Excepted Matters (detailed below); arising out of or in connection with the contract, within thirty (30) days from aggrieved Party notifying the other Party of such matters; whether before or after the completion/ termination of the contract, that cannot be resolved amicably between the Procurement Officer and the contractor within thirty (30) days from aggrieved Party notifying the other Party of such matters, shall be hereinafter called the “Dispute”. The aggrieved party shall give a ‘Notice of Dispute’ indicating the Dispute and claims citing relevant Contractual clause to the designated authority and requesting for invoking the following dispute resolution mechanisms. The Dispute shall be resolved without recourse to courts through dispute resolution mechanisms detailed subsequently, in the sequence as mentioned below, and the next mechanism shall not be invoked unless the earlier mechanism has been invoked or has failed to resolve it within the deadline mentioned therein.</p>

- 1) Adjudication
- 2) Conciliation
- 3) Arbitration

11.2 Excepted Matters

Matters for which provision has been made in any Clause of the contract shall be deemed as 'excepted matters' (matters not disputable/arbitrable), and decisions of the Procuring Entity, thereon shall be final and binding on the contractor. The 'excepted matters' shall stand expressly excluded from the purview of the sub-clauses below, including Arbitration. However, where the Procuring Entity has raised the dispute, this sub-clause shall not apply. Unless otherwise stipulated in the contract, excepted matters shall include but not limited to:

- 1) any controversies or claims brought by a third party for bodily injury, death, property damage or any indirect or consequential loss arising out of or in any way related to the performance of this Contract ("Third Party Claim"), including, but not limited to, a Party's right to seek contribution or indemnity from the other Party in respect of a Third-Party Claim.
- 2) Issues related to the pre-award tender process or conditions
- 3) Issues related to ambiguity in contract terms shall not be taken up after a contract has been signed. All such issues should be highlighted before the signing of the contract by the contractor.
- 4) Provisions incorporated in the contract, which are beyond the purview of The Procurement Entity or are in pursuance of policies of Government, including but not limited to
 - a) Provisions of restrictions regarding local content and Purchase Preference to Local suppliers in terms of Make in India policy of the Government
 - b) Provisions regarding restrictions on Entities from Countries having land-borders with India in terms of the Government's policies in this regard
 - c) Purchase preference policies regarding MSEs and Start-ups

11.3 Adjudication

After exhausting efforts to resolve the Dispute with the Purchasing Officer executing the contract on behalf of the Procuring Entity, the contractor shall give a 'Notice of Adjudication' specifying the matters which are in question, or subject of the dispute or difference indicating the relevant contractual clause, as also the amount of claim item-wise to Head of Procurement or any other authority mentioned in the contract (hereinafter called the "Adjudicator") for invoking resolution of the dispute through Adjudication. During his adjudication, the Adjudicator

shall give adequate opportunity to the contractor to present his case. Within 60 days after receiving the representation, the Adjudicator shall make and notify decisions in writing on all matters referred to him. The parties shall not initiate, during the adjudication proceedings, any conciliation or arbitral or judicial proceedings in respect of a dispute that is the subject matter of the adjudication proceedings. If not satisfied by the decision in adjudication, or if the adjudicator fails to notify his decision within the abovementioned time-frame, the contractor may proceed to invoke the process of Conciliation as follows.

11.4 Conciliation of disputes

- 1) Any party may invoke Conciliation by submitting “Notice of Conciliation” to the Head of the Procuring Organization. Since conciliation is a voluntary process, within 30 days of receipt of “Notice of Conciliation”, the Head of the Procuring Organization shall notify a sole Conciliator if the other party is agreeable to enter Conciliation. If the other party is not agreeable to Conciliation, the aggrieved party may invoke Arbitration.
- 2) The Conciliator shall proactively assist the parties to reach an amicable settlement independently and impartially within the terms of the contract, within 60 days from the date of appointment of the Conciliator.
- 3) If the parties reach an agreement on a dispute settlement, they shall draw up a written settlement agreement duly signed by the parties and conciliator. When the parties sign the settlement agreement, it shall be final and binding on the parties. The dispute shall be treated as resolved on the date of such agreement.
- 4) The parties shall not initiate, during the conciliation proceedings, any arbitral or judicial proceedings in respect of a dispute that is the subject matter of the conciliation proceedings.
- 5) Termination of Conciliation: Disputes shall remain alive if the conciliation is terminated as follows:
 - a) By written declaration of the conciliator, after consultation with the parties, to the effect that further efforts at conciliation are no longer justified, on the date of such declaration; or
 - b) By a written declaration of any party to the conciliator to the effect that the conciliation proceedings are terminated, on the date of such declaration; or

	<p>c) If the parties fail to reach an agreement on a settlement of the dispute, within 60 days of the appointment of Conciliator</p> <p>6) On termination of Conciliation, if the dispute is still alive, the aggrieved party shall be free to invoke Arbitration.</p> <p>11.5 Arbitration Agreement</p> <p>11.5.1 This Agreement</p> <p>1) This Arbitration Agreement (hereinafter referred to as this “Agreement”) relating to this Contract (hereinafter called the “Main Agreement” for this agreement) is made under the provisions of The Arbitration and Conciliation Act, 1996 as amended from time to time and the rules thereunder (hereinafter called The Arbitration Act). This Agreement shall continue to survive termination, completion, or closure of the Main Agreement for 120 days after that.</p> <p>2) Subject to aforesaid provisions, relevant clauses of the contract shall apply to the appointment of arbitrators and arbitration proceedings under this Agreement.</p> <p>3) The Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 provides parties to a dispute (where one of the parties is a Micro or Small Enterprise) to be referred to Micro and Small Enterprises Facilitation Council if the dispute is regarding any amount due under Section 17 of the MSMED Act, 2006. If a Micro or Small Enterprise, being a party to dispute, refers to the provisions in MSMED Act 2006, these provisions shall prevail over this Agreement.</p> <p>11.5.2 Notice for Arbitration</p> <p>1) Authority to Appoint Arbitrator(s): For this Arbitration Agreement ‘The Appointing Authority’, to appoint the arbitrator shall be Head of the Procuring Organization named in the contract and includes if there be no such authority, the officer who is for the time being discharging the functions of that authority, whether in addition to other functions or otherwise.</p> <p>2) In the event of any dispute as per GCC-clause 11.1 above, if the Adjudicator fails to decide within 60 days (as referred in 11.3 above), or the Conciliation is terminated (as referred in sub-clause 11.4 above) then, parties to the contract, after 60 days but within 120 days of ‘Notice of Dispute’ (clause 11.1 above) shall request the Appointing Authority through a “Notice for Arbitration” in</p>
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writing requesting that the dispute or difference be referred to arbitration.

- 3) The “Notice for arbitration” shall specify the matters in question or subject of the dispute or difference indicating the relevant contractual clause, as well as the amount of claim item-wise.

11.5.3 Reference to Arbitration

After appointing Arbitrator(s), the Appointing Authority shall refer the Dispute to them. Only such dispute or difference shall be referred to arbitration regarding which the demand has been made, together with counter-claims or set off. Other matters shall be beyond the jurisdiction of Arbitrator(s)

11.5.4 Appointment of Arbitrator

1) Qualification of Arbitrators:

- a) In the case of retired officers of The Procuring organization, he shall have retired in the rank of senior administrative grade (or equivalent) and shall have retired at least 1 year prior and must not be over 70 years of age on the date of Notice for arbitration.
- b) He/ they shall not have had an opportunity to deal with the matters to which the contract relates or who, in the course of his/ their duties as officers of the Procuring Organization, expressed views on any or all of the matters under dispute or differences. A certification to this effect (as per Format 1.4) shall be taken from Arbitrators. The proceedings of the Arbitral tribunal or the award made by such Tribunal shall, however, not be invalid merely for the reason that one or more arbitrators had in the course of his service, an opportunity to deal with the matters to which the contract relates or who in the course of his/ their duties expressed views on all or any of the matters under dispute.
- c) An Arbitrator may be appointed notwithstanding the total no. of arbitration cases in which he has been appointed in the past.
- d) Not be other than the person appointed by The Appointing Authority and that if for any reason that is not possible, the matter shall not be referred to arbitration at all.

2) Replacement of Arbitrators

If one or more of the arbitrators appointed as above refuses to act as arbitrator, withdraws from his office as arbitrator, or in the event of the arbitrator dying, neglecting/ unable or unwilling or refusing to act for

any reason, or his award being set aside by the court for any reason, or in the opinion of The Appointing Authority fails to act without undue delay, the Appointing Authority shall appoint new arbitrator/ arbitrators to act in his/ their place in the same manner in which the earlier arbitrator/ arbitrators had been appointed. Such a re-constituted Tribunal may, at its discretion, proceed with the reference from the stage at which it was left by the previous arbitrator (s).

3) Appointment of Arbitrator:

- a) In cases where the total value of all claims in question added together does not exceed Rs 50,00,000/- (Rupees Fifty Lakh only), the Arbitral Tribunal shall consist of sole Arbitrator. For this purpose, The Appointing Authority shall send to the contractor, within 60 days from the day of receipt of a written and valid notice for arbitration, a panel of at least four (4) names of retired officers, duly indicating their retirement dates.
- b) The contractor shall be asked to nominate at least two names out of the panel for appointment as his nominee within 30 days from the dispatch date of the request by The Appointing Authority. The Appointing Authority shall appoint at least one out of them as the sole arbitrator within 30 days from the receipt of the names of the contractor's nominees.
- c) In cases where the total value of all claims in question added together exceeds Rs 50,00,000/- (Rupees Fifty Lakh only), the Arbitral Tribunal shall consist of three (3) retired Officers of the Procuring Organisation. For this purpose, The Appointing Authority shall send a panel of at least four (4) names of such Officer(s) empanelled to work as Arbitrators duly indicating their retirement date to the contractor within 60 days from the day when a written and The Appointing Authority receives valid demand for arbitration.
- d) The contractor shall be asked to nominate at least 2 names out of the panel for appointment as his nominee within 30 days from the dispatch date of the request by The Appointing Authority. The Appointing Authority shall appoint at least one out of them as the contractor's nominee. It shall also simultaneously appoint the balance number of arbitrators either from the panel or outside the panel, duly indicating the 'Presiding Arbitrator' from amongst the 3 arbitrators so appointed, within 30 days from the receipt of the names of Contractor's nominees.
- e) If the contractor does not suggest his nominees for the arbitral tribunal within the prescribed timeframe, The Appointing Authority shall proceed for appointment of the arbitral tribunal

within 30 days of the expiry of such time provided to the contractor.

11.5.5 Failure to appoint Arbitrators.

If The Appointing Authority fails to appoint an arbitrator within 60 (sixty) days, then subject to the survival of this Arbitration Agreement, in international commercial arbitration, the Supreme Court of India shall designate the arbitral institution for the appointment of arbitrators. In case of national arbitrations, the High Court shall designate arbitral institutions. The Arbitration Council of India must have graded these arbitration institutions. These arbitral institutions must complete the selection process within thirty days of accepting the request for the arbitrator's appointment.

11.5.6 The Arbitral Procedure

- 1) **Effective Date of Entering Reference:** The arbitral tribunal shall be deemed to have entered the reference on the date on which the arbitrator(s) have received notice of their appointment. All subsequent time limits shall be counted from such date.
- 2) **Seat and Venue of Arbitration:** The seat of arbitration shall be the place from which the Letter of Award or the contract is issued. The venue of arbitration shall be the same as the seat of arbitration. However, in terms of section 20 of The Arbitration Act, the arbitrator, at his discretion, may determine a venue other than the seat of the arbitration without in any way affecting the legal jurisdictional issues linked to the seat of the arbitration.
- 3) If the Adjudication and/ or Conciliation mechanisms had not been exhausted before such reference to Arbitration, the Arbitrator should ask the aggrieved party to approach designated authority for such mechanisms before the Arbitration proceedings are started.
- 4) The claimant shall submit to the Arbitrator(s) with copies to the respondent his claims stating the facts supporting the claims along with all the relevant documents and the relief or remedy sought against each claim within 30 days from the date of appointment of the Arbitral Tribunal unless otherwise extension has been granted by Arbitral Tribunal.
- 5) On receipt of such claims, the respondent shall submit its defence statement and counter claim(s), if any, within 60 days of receipt of the copy of claims, unless otherwise extension has been granted by Arbitral Tribunal.
- 6) No new claim shall be added during proceedings by either party. However, a party may amend or supplement the original claim or

	<p>defence thereof during arbitration proceedings subject to acceptance by the Tribunal having due regard to the delay in making it.</p> <p>7) Statement of claims, counterclaims and defence shall be completed within six months from the effective reference date.</p> <p>8) Oral arguments to be held on a day-to-day basis: Oral arguments as far as possible shall be heard by the arbitral tribunal on a day-to-day basis, and no adjournments shall be granted without sufficient cause. The arbitrator (s) may impose an exemplary cost on the party seeking adjournment without sufficient cause.</p> <p>9) Award within 12 (twelve) months: The arbitral tribunal is statutorily bound to deliver an award within 12 (twelve) months from the date when the arbitral tribunal enters reference. The award can be delayed by a maximum of six months only under exceptional circumstances where all parties consent to such extension of time. The court's approval shall be required for further extension if the award is not made out within such an extended period. During the period of an application for extension of time is awaiting before the court, the arbitrator's proceedings shall continue until the disposal of the application.</p> <p>10) Fast Track Procedure: The parties to arbitration may choose to opt for a fast-track procedure either before or after the commencement of the arbitration. The award in fast-track arbitration is to be made out within six months, and the arbitral tribunal shall be entitled to additional fees. The salient features of the fast-track arbitration are:</p> <ul style="list-style-type: none"> a) The dispute is to be decided based on written pleadings only. b) Arbitral Tribunal shall have the power to call for clarifications in addition to the written pleadings where it deems necessary. c) An oral hearing may be held only if all the parties request or the arbitral tribunal considers it necessary. d) The parties are free to decide the fees of the arbitrator(s) for fast-track procedure. <p>11) Powers of Arbitral Tribunal to grant Interim Relief: The parties to arbitration may approach the arbitral tribunal for seeking interim relief on the grounds available under section 9 of the act. The tribunal has the powers of a court while making interim awards in the proceedings before it.</p>
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	<p>12) Confidentiality: As provided in Section 42A of The Arbitration Act, all the details and particulars of the arbitration proceedings shall be kept confidential, except in certain situations like if the disclosure is necessary for the implementation or execution of the arbitral award.</p> <p>13) Obligation During Pendency of Arbitration: Performance of the contract shall, unless otherwise directed by the Procuring Entity, continue during the arbitration proceedings, and no payment due or payable by the Procuring Entity shall be withheld on account of such proceedings, provided; however, it shall be open for Arbitral Tribunal to consider and decide whether or not the performance of the contract or payment therein should continue during arbitration proceedings.</p> <p>11.5.7 The Arbitral Award</p> <p>In the case of the Tribunal, comprising of three members, any ruling on award shall be made by a majority of members of the Tribunal. In the absence of such a majority, the views of the Presiding Arbitrator shall prevail.</p> <p>The arbitral award shall state item-wise the sum and reasons upon which it is based. The analysis and reasons shall be detailed enough so that the award can be inferred from it.</p> <p>It is further a term of this arbitration agreement that where the arbitral award is for the payment of money, no interest shall be payable on whole or any part of the money for any period till the date on which the award is made in terms of Section 31 (7) (a) of The Arbitration Act.</p> <p>The award of the arbitrator shall be final and binding on the parties to this contract.</p> <p>A party may apply for corrections of any computational errors, typographical or clerical errors, or any other error of similar nature occurring in the award or interpretation of a specific point of the award to the Tribunal within 60 days of receipt of the award.</p> <p>A party may apply to the Tribunal within 60 days of receiving the award to make an additional award as to claims presented in the arbitral proceedings but omitted from the arbitral award.</p> <p>11.5.8 Savings</p> <p>The Arbitral Tribunal shall decide any matter related to Arbitration not covered under this Arbitration Agreement as per the provisions of The Arbitration Act.</p> <p>11.5.9 Cost of Arbitration and fees of the Arbitrator(s)</p>
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	<p>1) The concerned parties shall bear the cost of arbitration in terms of section 31 (A) of The Arbitration Act. The cost shall inter-alia include fees of the Arbitrator. Further, the fees payable to the Arbitrator shall be governed by instructions issued on the subject by the Procuring Entity and/ or the Government from time to time, in line with the Arbitration and Conciliation Act, irrespective of the fact whether the Arbitrator is appointed by the Procuring Entity or the Government under this clause or by any court of law unless directed explicitly by Hon'ble court otherwise on the matter. A sole arbitrator shall be entitled to a 25% extra fee over such a prescribed fee.</p> <p>The arbitrator shall be entitled to a 50 percent extra fee if the award is made within 6 months in terms of provisions contained in section 29(A) (2) of The Arbitration Act.</p> <p>Besides the above, Arbitrator shall also be entitled to this extra fee in cases where Fast Track Procedure in terms of section 29 (B) of The Arbitration Act is followed.</p>
12 Defaults, Breaches, Termination, and closure of Contract	<p>12.1 Termination due to Breach, Default, and Insolvency</p> <p>12.1.1 Defaults and Breach of Contract</p> <p>In case the contractor undergoes insolvency or receivership; neglects or defaults, or expresses inability or disinclination to honour his obligations relating to the performance of the contract or ethical standards or any other obligation that substantively affects the Procuring Entity's rights and benefits under the contract, it shall be treated as a breach of Contract. Such defaults could include inter-alia:</p> <p>1) Default in Performance and Obligations: if the contractor fails to deliver any or all of the Goods or fails to perform any other contractual obligations (including Code of Integrity or obligation to maintain eligibility and Qualifications based on which contract was awarded) within the period stipulated in the contract or within any extension thereof granted by the Procuring Entity.</p> <p>2) Insolvency: If the contractor being an individual or if a firm, any partner thereof, shall at any time, be adjudged insolvent or shall have a receiving order or order for the administration of his estate made against him or shall take any proceeding for composition under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or enter into any assignment or composition with his creditors or suspend payment or if the firm be dissolved under the Partnership Act, or</p>

- 3) **Liquidation:** if the contractor is a company being wound up voluntarily or by order of a Court or a Receiver, Liquidator or Manager on behalf of the Debenture-holders is appointed, or circumstances shall have arisen which entitle the Court or Debenture-holders to appoint a Receiver, Liquidator or Manager

12.1.2 Notice for Default:

As soon as a breach of contract is noticed, a show-cause 'Notice of Default' shall be issued to the contractor, giving two weeks' notice, reserving the right to invoke contractual remedies. After such a show-cause notice, all payments to the contractor would be temporarily withheld to safeguard needed recoveries that may become due on invoking contractual remedies.

12.1.3 Terminations for Default

- 1) **Notice for Termination for Default:** In the event of unsatisfactory resolution of 'Notice of Default' within two weeks of its issue as per sub-clause above, the Procuring Entity, if so decided, shall by written Notice of Termination for Default sent to the contractor, terminate the contract in whole or in part, without compensation to the contractor.
- 2) Such termination shall not prejudice or affect the rights and remedies, including under sub-clause below, which have accrued and/ or shall accrue to the Procuring Entity after that.
- 3) Unless otherwise instructed by the Procuring Entity, the contractor shall continue to perform the contract to the extent not terminated.
- 4) All warranty obligations, if any, shall continue to survive despite the termination.

12.1.4 Contractual Remedies for Breaches/Defaults or Termination for Default

If there is an unsatisfactory resolution within this period, the Procuring Entity shall take one; or more of the following contractual remedies.

- 1) Temporary withhold payments due to the contractor till recoveries due to invocation of other contractual remedies are complete.
- 2) Call back any loaned property or advances of payment, if any, with the levy of interest at the prevailing rate (MIBID - Mumbai Interbank Bid Rate).
- 3) Recover liquidated damages and invoke denial clause for delays.
- 4) Encash and/ or Forfeit performance or other contractual securities.
- 5) Prefer claims against insurances, if any.

	<p>6) Terminate contract for default, fully or partially including its right for Risk-and-Cost Procurement as per following sub-clause.</p> <p>7) Risk and Cost Procurement: In addition to termination for default, the Procuring Entity shall be entitled, and it shall be lawful on his part, to procure Goods similar to those terminated, with such terms and conditions and in such manner as it deems fit at the “Risk and Cost” of the contractor. Such ‘Risk and Cost Procurement’ must be contracted within nine months from the breach of Contract. The Contractor shall be liable for any loss which the Procuring Entity may sustain on that account provided the procurement, or, if there is an agreement to procure, such agreement is made. The Contractor shall not be entitled to any gain on such procurement, and the manner and method of such procurement shall be in the entire discretion of the Procuring Entity. It shall not be necessary for the Procuring Entity to notify the contractor of such procurement. It shall, however, be at the discretion of the Procuring Entity to collect or not the security deposit from the firm/ firms on whom the contract is placed at the risk and cost of the defaulted firm.</p> <p>8) Initiate proceedings in a court of law for the transgression of the law, tort, and loss, not addressable by the above means.</p> <p>12.1.5 Limitation of Liability</p> <p>Except in cases of criminal negligence or wilful misconduct, the aggregate liability of the contractor to the Procuring Entity, whether under the contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the contractor to indemnify the Procuring Entity concerning IPR infringement.</p> <p>12.2 Termination for Default/ Convenience of Procuring Entity and Frustration</p> <p>12.2.1 Notice for Determination of Contract</p> <p>1) The Procuring Entity reserves the right to terminate the contract, in whole or in part for its (the Procuring Entity’s) convenience or frustration of contract as per sub-clause below, by serving written ‘Notice for Determination of Contract’ on the contractor at any time during the currency of the contract. The notice shall specify that the termination is for the convenience of the Procuring Entity or the frustration of the contract. The notice shall also indicate inter-alia, the extent to which the contractor’s performance under the contract</p>
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	<p>is terminated, and the date with effect from which such termination shall become effective.</p> <ol style="list-style-type: none"> 2) Such termination shall not prejudice or affect the rights and remedies accrued and/ or shall accrue after that to the Parties. 3) Unless otherwise instructed by the Procuring Entity, the contractor shall continue to perform the contract to the extent not terminated. 4) All warranty obligations, if any, shall continue to survive despite the termination. 5) The Goods and incidental Works/ Services that are complete and ready in terms of the contract for delivery and performance within thirty days after the contractor's receipt of the notice of termination shall be accepted by the Procuring Entity as per the contract terms. For the remaining Goods and incidental Works/ Services, the Procuring Entity may decide: <ol style="list-style-type: none"> 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 incidental Works/ Services and compensate the contractor by paying an agreed amount for the cost incurred by the contractor, if any, towards the remaining portion of the Goods and incidental Works/ Services. <p>12.2.2 Frustration of Contract</p> <ol style="list-style-type: none"> 1) Notice of Frustration Event: Upon a supervening cause occurring after the effective date of the contract, including a change in law, beyond the control of either party whether as a result of the Force Majeure clause or within the scope of section 56 of the Indian Contract Act, 1872, that makes it impossible to perform the contract within a reasonable timeframe, the affected party shall give a 'Notice of Frustration Event' to the other party giving justification. The parties shall use reasonable efforts to agree to amend the contract, as may be necessary to complete its performance. However, if the parties cannot reach a mutual agreement within 60 days of the initial notice, the Procuring Entity shall issue a 'Notice for Determining the contract' and terminate the contract due to its frustration as in the sub-clause above. 2) However, the following shall not be considered as such a supervening cause. <ol style="list-style-type: none"> a) Lack of commercial feasibility or viability or profitability or availability of funds
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	<p>b) if caused by either party's breach of its obligations under this Contract or failure to act in good faith or use commercially reasonable due diligence to prevent such an event.</p> <p>12.3 Closure of Contract</p> <p>12.3.1 No Claim Certificate and Release of Contract Securities</p> <p>After mutual reconciliations of outstanding payments and assets on either side, the contractor shall submit a 'No-claim certificate' to the Procuring Entity requesting the release of its contractual securities, if any. The Procuring Entity shall release the contractual securities without any interest if no outstanding obligation, asset, or payments are due from the contractor. The contractor shall not be entitled to make any claim whatsoever against the Procuring Entity under or arising out of this Contract, nor shall the Procuring Entity entertain or consider any such claim, if made by the contractor, after he shall have signed a "No Claim" Certificate in favour of the Procuring Entity. The Contractor shall be debarred from disputing the correctness of the items covered by the "No Claim" Certificate or demanding a clearance to arbitration in respect thereof.</p> <p>12.3.2 Closure of Contract</p> <p>The contract shall stand closed upon</p> <ol style="list-style-type: none"> 1) successful performance of all obligations by both parties, including completion of warrantee obligations and final payment. 2) termination and settlements after that, if any, as per GCC-clause 12.1 or 12.2 above.
<p>13 Code of Integrity in Public Procurement; Misdemeanors and Penalties</p>	<p>13.1 Code of Integrity</p> <p>Procuring authorities as well as bidders, suppliers, contractors, and consultants - should observe the highest standard of ethics and should not indulge in following prohibited practices, either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts:</p> <ol style="list-style-type: none"> 1) “Corrupt practice” - making offer, solicitation or acceptance of a bribe, reward or gift or any material benefit, in exchange for an unfair advantage in the Tender Process or to otherwise influence the Tender Process; 2) “Fraudulent practice” - any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. Such practices include a false declaration or false information for participation in a tender process or to secure a contract or in the execution of the contract;

	<p>3) “Anti-competitive practice” - any collusion, bid-rigging or anti-competitive arrangement, or any other practice coming under the purview of the Competition Act, 2002, between two or more bidders, with or without the knowledge of the Procuring Entity, that may impair the transparency, fairness, and the progress of the Tender Process or to establish bid prices at artificial, non-competitive levels;</p> <p>4) “Coercive practice” - harming or threatening to harm persons or their property to influence their participation in the Tender Process or affect the execution of a contract;</p> <p>5) “Conflict of interest” –participation by a bidding firm or any of its affiliates who are either involved in the Consultancy Contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if their personnel have a relationship or financial or business transactions with any official of procuring entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the Procuring Entity with an intent to gain unfair advantage in the Tender Process or for personal gain;</p> <p>6) “Obstructive practice” - materially impede procuring entity’s investigation into allegations of one or more of the above mentioned prohibited practices either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/ or by coercive practices mentioned above, to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the Procuring Entity’s rights of audit or access to information;</p> <p>13.2 Obligations for Proactive Disclosures:</p> <p>1) Procuring authorities, bidders, suppliers, contractors, and consultants are obliged under this Code of Integrity to suo-moto proactively declare any conflict of interest (coming under the definition mentioned above - pre-existing or as and as soon as these arise at any stage) in any Tender Process or execution of the contract. Failure to do so shall amount to a violation of this code of integrity.</p> <p>2) Any bidder must declare, whether asked or not in a bid-document, any previous transgressions of such code of integrity during the last three years or of being under any category of debarment by the Central Government or by the Ministry/ Department of the</p>
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Procuring Organization from participation in Tender Processes.
Failure to do so shall amount to a violation of this code of integrity.

13.3 Misdemeanors and Penalties

The following shall be considered misdemeanors - if a bidder/ contractor either directly or indirectly, at any stage during the Tender Process or during the execution of resultant contracts:

- 1) commits any of the following misdemeanors:
 - a) violates the code of Integrity mentioned in GCC-clause 13.1 or GCC-Clause 10.1.6 (Fall clause) or the Integrity Pact if included in the Tender/ Contract;
 - b) any other misdemeanor, e.g., supply of sub-standard quality of material/ services/ work or non-performance or abandonment of contract or failure to abide by 'Bid Securing Declaration'.
- 2) commits any of the following misdemeanors:
 - a) has been convicted of an offence:
 - i. under the Prevention of Corruption Act, 1988; or
 - ii. the Indian Penal Code or any other law for the time being in force for causing any loss of life or property or causing a threat to public health as part of the execution of a public procurement contract.
 - b) is determined by the Government of India to have doubtful loyalty to the country or national security consideration.
 - c) Employs a government servant, who has been dismissed or removed on account of corruption or employs a non-official convicted for an offence involving corruption or abetment of such an offence, in a position where he could corrupt government servants or employs a government officer within one year of his retirement, who has had business dealings with him in an official capacity before retirement.

13.4 Penalties for Misdemeanors

Without prejudice to and in addition to the rights of the Procuring Entity to other remedies as per the Tender-documents or the contract, If the Procuring Entity concludes that a (prospective) bidder/ contractor directly or through an agent has committed a misdemeanor in competing for the tender or in executing a contract, the Procuring Entity shall be entitled, and it shall be lawful on his part to take appropriate measures, including the following:

13.4.1 If his bids are under consideration in any procurement

	<ol style="list-style-type: none"> 1) Enforcement of Bid Securing Declaration in lieu of forfeiture or encashment of Bid Security. 2) calling off of any pre-contract negotiations, and; 3) rejection and exclusion of Bidder from the Tender Process <p>13.4.2 If a contract has already been awarded</p> <ol style="list-style-type: none"> 1) Termination of Contract for Default and availing all remedies prescribed thereunder; 2) Encashment and/ or Forfeiture of any contractual security or bond relating to the procurement; 3) Recovery of payments including advance payments, if any, made by the Procuring Entity along with interest thereon at the prevailing rate (MIBID - Mumbai Interbank Bid Rate); <p>13.4.3 Remedies in addition to the above:</p> <p>In addition to the above penalties, the Procuring Entity shall be entitled, and it shall be lawful on his part to:</p> <p>File information against Bidder or any of its successors, with the Competition Commission of India for further processing, in case of anti-competitive practices;</p> <p>Initiate proceedings in a court of law against Bidder or any of its successors, under the Prevention of Corruption Act, 1988 or the Indian Penal Code or any other law for transgression not addressable by other remedies listed in this sub-clause.</p> <p>Remove Bidder or any of its successors from the list of registered suppliers for a period not exceeding two years. Suppliers removed from the list of registered vendors or their related entities may be allowed to apply afresh for registration after the expiry of the period of removal.</p> <p>Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.</p> <p>Debar a bidder / contractor from participation in future procurements without prejudice to Procuring Entity's legal rights and remedies. Debarment shall automatically extend to all the allied firms of the debarred firm. In the case of Joint Venture/ consortium, all its members shall also stand similarly debarred:</p> <ol style="list-style-type: none"> a) A Ministry/ Department (or any of its CPSUs, attached offices, autonomous bodies) may debar a bidder or any of its successors from participating in any Tender Process undertaken by all its procuring entities for a period not exceeding two years commencing from the date of debarment
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	<p>for misdemeanors listed in sub-clause GCC 13.3 -1) above. The Ministry/Department shall maintain such a list which shall also be displayed on their website.</p> <p>b) Central Government (Department of Expenditure (DoE), Ministry of Finance) may debar a bidder or any of its successors from participating in any Tender Process undertaken by all its procuring entities for a period not exceeding three years commencing from the date of debarment for misdemeanors listed in sub-clause GCC 13.3 - 2) above. DoE shall maintain such a list which shall be displayed on Central Public Procurement Portal (CPPP).</p>
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SECTION VIII: SPECIAL CONDITIONS OF CONTRACT

Reference GCC Section	Description
GCC 2.4	<p>The details of Procuring Entity and Contractor are as under:</p> <p>Procuring Entity - The Central Medical Services Society, an autonomous body under Ministry of Health and Family welfare, Government of India</p> <p>Contractor -</p>
GCC 5.8	Within fourteen days after the issue of Letter of Award (LOA or the contract, if LOA is skipped) by the Procuring Entity, the contractor shall

	<p>furnish to the Procuring Entity performance security for an amount equivalent to 10% of the contract value valid till expiry of warranty period of the last consignment supplied under the contract. Accordingly, PBG validity will be as under:</p> <p style="padding-left: 40px;">Last date of delivery ----- 90 days Warranty Period ----- 1095 days B.G. Extension ----- 60 days Total Performance security validity -----1245 days</p>
GCC 6.1	<p>Followings are added in GCC 6.1</p> <ol style="list-style-type: none"> 1) Purchase Order for supply of equipment shall be placed against this tender enquiry. 2) The purchase order for CMC shall be awarded before expiry of warranty period of the equipment at the rates as finalized against this tender enquiry. The performance bank guarantee of the successful bidder shall be released only after he enters into CMC contract at the finalized rates. 3) The service level requirement for the CMC contract shall be same as are stipulated under warranty obligations of the main contract. 100% of the CMC charges for each year of service rendered shall be made after completion of respective CMC period. 4) Performance Bank Guarantee for CMC contract shall be 10% of the CMC contract value.
GCC 6.7.5	<ol style="list-style-type: none"> 1. Comprehensive Warranty- 3 Years comprehensive warranty shall be provided free of cost of the equipment. All software updated should be provided free of cost during warranty and CAMC period. All items covered under warranty and CAMC period, As per warranty clause. 2. Comprehensive Annual Maintenance Contract (CAMC) rates- Should be quoted for another 5 years after completion of 3 years comprehensive warranty period in price bid. Which will be considered for finalizing the L1 bidder and order placement on the supplier after comprehensive warranty period of 3 years. 3. An undertaking will be submitted by the supplier that the equipment will be inspected within 48 hours and repaired at earliest. The supplier shall ensure 98% uptime in a financial year. In case the down time exceed 2% limit, the extension

	<p>of the warranty period will be twice the excess downtime period.</p> <p>4. Four Preventive maintenance should be done in a year (which includes 2 major PM and 2 minor visit for maintenance). Preventive Maintenance Service should be done every quarter. The supplier shall provide brand new machine only.</p> <p>5. The quote should be inclusive of comprehensive training in the equipment supplied as required.</p> <p>6. Free of cost upgradation of software/ system for the duration of warranty and CMC.</p>
GCC 8.7.6	In case of imported goods, goods shall be airlifted from abroad through Indian carrier only.
GCC 10.2.6	Bidder shall specify the rate and the total amount of customs duty payable regarding imported goods.
GCC 10.3	<p>10.3.1 Payment procedure shall be as follows:</p> <ol style="list-style-type: none"> 1) The payments shall only be made in Indian Rupees. 2) The contractor shall send its claim for payment in writing as per GST compliant Invoice and documents, when contractually due, along with relevant documents etc., as stipulated in Contract and a manner as also specified therein. 3) While claiming payment, the contractor 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 contractor for claiming that payment has been fulfilled as required under the contract. 4) The usual payment term is 100% on receipt of goods and its acceptance by the consignee as per provisions of the contract on submission of the following documents: <ol style="list-style-type: none"> a) Copy of e-invoice generated from GST Portal. b) Packing list (with Goods Description) of supplied items. c) Satisfactory Inspection Report from designated inspection agency. d) Proof of delivery - Lorry receipt duly signed, stamped and dated along with Original Consignee Receipt Certificate (CRC) e) Copy of e-Way Bill. f) Warranty Certificate.

	<p>g) Satisfactory Installation and acceptance Certificate issued by the consignee in original in the prescribed proforma as given in Format 3.</p> <p>h) Undertaking that the payment being claimed is strictly in terms of the contract and all the obligations on the part of the contractor for claiming that payment has been fulfilled as required under the contract.</p> <p>i) Undertaking for Fall Clause as per GCC 10.1.6</p> <p>j) Local Content Certificate as per GCC 10.1.7</p> <p>k) Such other documents as indicated in SCC</p> <p>5) All bills/ Invoices should be raised in duplicate and the bills should be drawn in the name of Central Medical Services Society, 2nd Floor, Vishwa Yuvak Kendra, Pandit Uma Shankar Dikshit Road, Chanakyapuri, New Delhi-110021 or in the name of any other authority as may be designated. Supplier has to mention e- aushadhi PO No. and tranche/ lot on the invoice.</p> <p>6) The CMSS shall endeavour to make payment within 75 days in respect of items requiring sterility tests and within 60 days in respect of items requiring non- sterility test from the date of submission of invoice or from the date of receipt of material, whichever is later along with all the relevant documents of tender.</p> <p>7) The payment will be made either by means of Cheque or through RTGS (Real Time Gross Settlement System)/ Core Banking/ NEFT. The Contractor shall give his consent in a mandate form for receipt of payment through NEFT. In case of non-payment through EFT, or where the EFT facility is not available, payment may be released through cheque.</p> <p>8) The Tenderer shall furnish the relevant details in original in Bid Forms to make the payment through RTGS/Core Banking/ NEFT. The payment will be in INR only.</p> <p>9) Supplier will integrate with e- aushadhi system of CMSS and Supplier Interface Module in which selected bidders shall be required to enter/upload batch no, qty, mfg. & expiry date, tranche no, invoice/challan copy etc. against PO no.</p> <p>10) No advance payments towards costs of items will be made to the Tenderer.</p>
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SECTION IX- BIDDING FORMS

Form 1: Bid Form (Covering Letter)

(Ref ITB-clause 9.2)

(To be submitted as part of technical bid, along with supporting documents, if any)

(On Bidder's Letter-head)

(Strike out alternative phrases not relevant to you)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

To

DG & CEO, Central Medical Services Society, Ministry of Health and Family welfare,
Government of India, New Delhi

Address: 2nd floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Road,
Opposite Police Station Chanakaya Puri,
New Delhi-110021

Telephones: 011-21410905, 21410906

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Sir/ Madam

Having examined the above-mentioned Tender Document, we, the undersigned, hereby submit/
upload our Techno-commercial and financial bid (Price Schedule) for the supply of Goods and
incidental Works/ Services in conformity with the said Tender Documents.

1) Our Credentials:

a) We are submitting this bid: -

☐ on our behalf, and there are no agents/ dealers involved in this tender, and hence
no agency agreement or payments/ commissions/ gratuity is involved. Our
company law and taxation regulatory requirements and authorization for
signatories and related documents are submitted in Form 1.1 (Bidder Information).

b) We..... hereby certify that ☐ We are proven, established, and reputed
manufacturers with factories at which are fitted with modern
equipment and where the production methods, quality control, and testing of all
materials and parts manufactured or used by us shall be open to inspection by the
representative of the Procuring Entity.

OR

c) As authorized Importer offering goods manufactured by our OEMs. Our OEM's
law and taxation regulatory requirements and authorization for signatories and
related documents are submitted in Format 4 (Manufacturers Authorization Form).

2) Our Eligibility and Qualifications to participate

We comply with all the eligibility criteria stipulated in this Tender Document, and the relevant
declarations are made along with documents in Form 1.2 of this bid-form. We fully meet the
qualification criteria stipulated in this Tender Document, and the relevant details are submitted
along with documents in Form 4: 'Qualification Criteria - Compliance.

3) Our Bid to supply Goods:

We offer to supply the subject Goods of requisite quality and within Delivery Schedules in

conformity with the Tender Document. The relevant details are submitted in Form 2: ‘Schedule of Requirements - Compliance and Form3: ‘Technical Specifications and Quality Assurance - Compliance.’ The details of schedule wise quantity offered against this tender are given below in tabular form:

Schedule No.	Item Name	UOM	Tendered Quantity	Quoted Quantity
I				

4) Prices:

We hereby offer to perform the Services at our lowest prices and rates mentioned in the separately uploaded Price-Schedule. It is hereby confirmed that the prices quoted therein by us are:

- a) based on terms of delivery and delivery schedule confirmed by us; and
- b) Cost break-up of the quoted cost, showing inter-alia costs (including taxes and duties thereon) of all the included incidental Goods/ Works considered necessary to make the proposal self-contained and complete, has been indicated therein, and
- c) based on the terms and mode of payment as stipulated in the Tender Document. We have understood that if we quote any deviation to terms and mode of payment, our bid is liable to be rejected as nonresponsive, and
- d) have been arrived at independently, without restricting competition, any consultation, communication, or agreement with any other bidder or competitor relating to:
 - i) those prices; or
 - ii) the intention to submit an offer; or
 - iii) the methods or factors used to calculate the prices offered.
- e) have neither been nor shall be knowingly disclosed by us, directly or indirectly, to any other bidder or competitor before bid opening or contract award unless otherwise required by law.

5) Affirmation to terms and conditions of the Tender Document:

We have understood the complete terms and conditions of the Tender Document. We accept and comply with these terms and conditions without reservations, although we are not signing and submitting some of the sections of the Tender Document. Deviations, if any, are submitted by us in Form 5: ‘Terms and Conditions - Compliance’. We also explicitly confirm acceptance of the Arbitration Agreement as given in the Tender Document.

6) Bid Security/Bid Securing Declaration

We have submitted the Bid Security (applicable for all bidders except MSEs and Startups) in stipulated format vide Form 7A / Bid Securing Declaration (applicable for MSEs and Startups) in lieu of Bid Security in stipulated format vide Form 7: ‘Documents Relating to bid security.’

7) Abiding by the Bid Validity

We agree to keep our bid valid for acceptance for a period up to 150 days, as required in the Tender Document or for a subsequently extended period, if any, agreed to by us and are aware of penalties in this regard stipulated in the Tender Document in case we fail to do so.

8) Non-tempering of Downloaded Tender Document and Uploaded Scanned Copies

We confirm that we have not changed/ edited the contents of the downloaded Tender Document. We realise that any such change noticed at any stage, including after the contract award, shall be liable to punitive action in this regard stipulated in the Tender Document. We also confirm that scanned copies of documents/ affidavits/ undertakings uploaded along with our Technical bid are valid, true, and correct to the best of our knowledge and belief. If any dispute arises related to the validity and truthfulness of such documents/ affidavits/ undertakings, we shall be responsible for the same. We undertake to submit for scrutiny, on-demand by the Procuring Entity, originals, and self-certified copies of all such certificates, documents, affidavits/ undertakings.

9) A Binding Contract:

We further confirm that, if our bid is accepted, all such terms and conditions shall continue to be acceptable and applicable to the resultant contract, even though some of these documents may not be included in the contract Documents submitted by us. We do hereby undertake that this bid together with your written acceptance of the same shall constitute a binding contract between us.

10) Performance Guarantee and Signing the contract

We further confirm that, if our bid is accepted, we shall provide you with performance security of the required amount stipulated in the Tender Document for the due performance of the contract. We are fully aware that in the event of our failure to deposit the required security amount and/ or failure to execute the agreement, the Procuring Entity has the right to avail any or all punitive actions laid down in this regard, stipulated in the Tender Document.

11) Signatories:

We confirm that we are duly authorized to submit this bid and make commitments on behalf of the Bidder. Supporting documents are submitted in Form 1.1 annexed herewith. We acknowledge that our digital/digitized signature is valid and legally binding.

12) Rights of the Procuring Entity to Reject bid(s):

We further understand that you are not bound to accept the lowest or any bid you may receive against your above-referred Tender Document.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign bid for and on behalf of
[name & address of Bidder and seal of company]

Form 1.1: Bidder Information

(Ref 8.2 of ITB)

(To be submitted as part of technical bid)

(On Company Letter-head)

(Along with supporting documents, if any)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Ref: Your Tender Document No. Tender No./ **CMSS/PROC/2025-26/NTTLS/022**; Tender Title:

Note: Bidder shall fill in this Form following the instructions indicated below. No alterations to its format shall be permitted, and no substitutions shall be accepted. Bidder shall enclose certified copies of the documentary proof/ evidence to substantiate the corresponding statement wherever necessary and applicable. Bidder's wrong or misleading information shall be treated as a violation of the Code of Integrity. Such Bids shall be liable to be rejected as nonresponsive, in addition to other punitive actions provided for such misdemeanours in the Tender Document.

(Please tick appropriate boxes or strike out sentences/ phrases not applicable to you)

1) Bidder/ Contractor particulars:

- a) Name of the Company:.....
- b) Corporate Identity No. (CIN):
- c) Registration, if any, with The Procuring Entity:
- d) GeM Supplier ID (if registered with GeM, it is mandatory at the time of placement of Contract)
- e) Place of Registration/ Principal place of business/ manufacture
- f) Complete Postal Address:
- g) Pin code/ ZIP code:
- h) Telephone nos. (with country/ area codes):
- i) Mobile Nos.: (with country/ area codes):
- j) Contact persons/ Designation:
- k) Email IDs:

Submit documents to demonstrate eligibility viz. In case of a partnership firm – Deed of Partnership; in case of Company – Notarized and certified copy of its registration certificate; and in case of Society – its Byelaws and registration certificate of the firm.

2) Taxation Registrations:

- a) PAN number:
- b) Type of GST Registration as per the Act (Normal Taxpayer, Composition, Casual Taxable Person, SEZ, etc.):
- c) GSTIN number: in Consignor and Consignee States
- d) Registered/ Certified Works/ Factory where the Goods would be mainly manufactured and Place of Consignor for GST Purpose:
- e) Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts):

☐ We solemnly declare that our GST rating on the GST portal/ Govt. official website is not negative/ blacklisted.

Documents to be submitted: Self-attested Copies of PAN card and GSTIN Registration.

3) Authorization of Person(s) signing the bid on behalf of the Bidder

- a) Full Name: _____
- b) Designation: _____
- c) Signing as:

☐ A sole proprietorship firm. The person signing the bid is the sole proprietor/ constituted attorney of the sole proprietor,

☐ A partnership firm. The person signing the bid is duly authorised being a partner to do so, under the partnership agreement or the general power of attorney,

☐ A company. The person signing the bid is the constituted attorney by a resolution passed by the Board of Directors or in pursuance of the Authority conferred by Memorandum of Association.

Documents to be submitted: Partnership Agreement/ Power of Attorney/ Registration Certificate/ Memorandum of Association/ Board Resolution

4) Bidder's Authorized Representative Information

- a) Name:
- b) Address:
- c) Telephone/ Mobile numbers:
- d) Email Address:

5) Bidder's Account Details

- a) Bank Name:
- b) IFSC Code:
- c) Account No. :
- d) Branch Address:
- e) Email Address/ Contact No.:

With a copy of cancelled cheque

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of

[name & address of Bidder and seal of company], DA: As above

Form 1.2: Eligibility Declarations

(Ref ITB-clause 9.2)

(To be submitted as part of Technical bid)

(On Company Letter-head)

(Along with supporting documents, if any)

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Note: The list below is indicative only. You may attach more documents as required to confirm your eligibility criteria.

Eligibility Declarations

(Please tick appropriate boxes or cross out any declaration not applicable to the Bidder)

We hereby confirm that we are comply with all the stipulation of bid document and declare as under and shall provide evidence of our continued eligibility to the Procuring Entity as may be requested:

- 1) **Legal Entity of Bidder:** _____
- 2) We solemnly declare that we (including our affiliates or subsidiaries or constituents):
 - a) are not insolvent, in receivership, bankrupt or being wound up, not have our affairs administered by a court or a judicial officer, not have our business activities suspended and are not the subject of legal proceedings for any of these reasons;
 - b) (including our Contractors/ subcontractors for any part of the contract):
 - i. Do not stand declared ineligible/ blacklisted/ banned/ debarred by the Central Medical Services Society or Ministry of Health and Family Welfare, Government of India from participation in its Tender Processes as a whole or for the product offered; and/ or
 - ii. Are not convicted or stand declared ineligible/ suspended/ blacklisted/ banned/ debarred by appropriate agencies of Government of India from participation in Tender Processes of all of its entities, for offences mentioned in Tender Document in this regard. We have neither changed our name nor created a new "Allied Firm", consequent to the above disqualifications.
 - c) Do not have any association (as bidder/ partner/ Director/ employee in any capacity) with such retired public official or near relations of such officials of Procuring Entity, as counter-indicated, in the Tender Document.
 - d) We certify that we fulfil any other additional eligibility condition if prescribed in Tender Document.
 - e) We have no conflict of interest, which substantially affects fair competition. The prices quoted are competitive and without adopting any unfair/ unethical/ anti-competitive means. No attempt has been made or shall be made by us to induce any other bidder to submit or not to submit an offer to restrict competition.

3) Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017: We certify as under:

“We have read the clause regarding restrictions on procurement from entities having beneficial ownership of a country which shares a land border with India and on sub-contracting to contractors from such countries, as stipulated vide Department of Expenditure Order No F.7/10/2021-PPD (1), dated 23.02.2023 as amended till date of bid submission, and solemnly certify that we fulfil all requirements in this regard and are eligible to be considered. We certify that:

- a) we are not from such a country or, if from such a country, we are registered with the Competent Authority (copy enclosed). and;*
- b) we shall not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.*

4) MSME Status:

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

- a) We are - Micro/ Small/ Medium Enterprise/ SSI/ Govt. Deptt. / PSU/ Others:.....
- b) We attach herewith, Udhyam Registration Certificate with the Udhyam Registration Number as proof of our being MSE registered on the Udhyam Registration Portal. The certificate is the latest up to the deadline for submission of the bid.
- c) Whether Proprietor/ Partner belongs to SC/ ST or Women category. (Please specify names and percentage of shares held by SC/ ST Partners):.....

5) Start-up Status

we confirm that we ☐ are/ ☐ are not a Start-up entity as per the definition of the Department of Promotion of Industrial and Internal Trade – DPIIT.

6) Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP - MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

(a) Self-Certification for the category of suppliers:

(Provide a certificate from statutory auditors/ cost accountant in case of Tenders above Rs 10 Crore for Class-I or Class-II Local Suppliers). Details of local content and location(s) at which value addition is made are as follows:

Sr. No.	Name of Item	Percentage Local Content	Location of value addition

Therefore, we certify that we qualify for the following category of the supplier (tick the appropriate category):

- ☐ Class-I Local Supplier/
- ☐ Class-II Local Supplier/
- ☐ Non-Local Supplier.

I confirm that local content has been calculated in accordance with provisions of PPP-MII Order dated 19.07.2024 read with Department of Pharmaceutical Notification No. **31026/65/2020-MD dated 30.12.2020** / F.No.31026/36/2016-MD dated 16.02.2021. I undertake to produce relevant records before the procuring entity or any authority so nominated by the Department of Pharmaceuticals, Government of India for the purpose of assessing the local content.

7) Integrity Pact

Having read and understood the provisions of Integrity Pact, as detailed in ITB 16, we confirm that we accept the same. Integrity Pact, in prescribed proforma, duly signed is enclosed, with the bid.

8) Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and undertake to advise any future changes to the above details. We understand that any wrong or misleading self-declaration would violate the Code of Integrity and attract penalties as mentioned in this Tender Document.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign bid for and on behalf of

.....

.....
[name & address of Bidder and seal of company]

DA: As in Sr 9 to 14 above, as applicable

Form 1.3: Local Content Declaration- Compliance

(Certificate to be given by Statutory Auditors for purchases above INR 10 Crores)

Tender Reference No:

Date:

Based upon the documents placed before us, we certify that M/s..... (name of the bidder) having manufacturing premises at (Manufacturing place of the bidder) have the following local contents in the goods quoted by them against subject tender enquiry:

Sr. No.	Name of Item	Percentage Local Content	Location of value addition

We confirm that local content has been calculated in accordance with provisions of PPP-MII Order dated 19.07.2024 read with Department of Pharmaceutical Notification No. **31026/65/2020-MD dated 30.12.2020**. We undertake to produce relevant records before the procuring entity or any authority so nominated by the Department of Pharmaceuticals, Government of India for the purpose of assessing the local content.

Statutory Auditor for Companies/ Chartered Accountant for others
(with Seal/Stamp)

UDIN

Form 1.4 Integrity Pact Format

INTEGRITY PACT

Between

[the Procuring Organisation] hereinafter referred to as “**The Principal,**” and _____
hereinafter referred to as “**The Bidder/ Contractor.**”

Preamble

The Principal intends to award contract/s for _____, under laid down organizational procedures, The Principal values full compliance with all relevant laws of the land, rules, regulations, economical use of resources, and fairness / transparency in its relations with its Bidder(s) and / or Contractor(s).

To achieve these goals, the Principal shall appoint Independent External Monitors (IEMs) who shall monitor the tender process and the execution of the contract for compliance with the abovementioned principles.

Section 1 – Commitments of the Principal

- 1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - a. No employee of the Principal, personally or through family members, shall in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal shall treat all Bidder(s) with equity and reason during the tender process. The Principal shall, in particular, before and during the tender process, provide to all Bidder(s) the same information and shall not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in the tender process or the contract execution.
 - c. The Principal shall exclude from the process all known persons having conflict of interest.
- 2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal shall inform the Chief Vigilance Officer and in addition shall initiate disciplinary proceedings.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

- 1) The Bidder(s)/ Contractor(s) commits themselves to take all measures necessary to prevent corruption. The Bidder(s)/ Contractor(s) commits themselves to observe the following principles during participation in the tender process and the contract execution.
 - a. The Bidder(s)/ Contractor(s) shall not, directly or through any other person or firm, offer, promise, or give to any of the Principal’s employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which they are not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or the execution of the contract.
 - b. The Bidder(s)/ Contractor(s) shall not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal, in violation of the Competition Act, 2002 (as amended from time to time). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the tender process.

c. The Bidder(s)/ Contractor(s) shall not commit any offence under the relevant IPC/PC Act; further, the Bidder(s)/ Contractor(s) shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals, and business details, including information contained or transmitted electronically.

d. The Bidder(s)/Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details, as mentioned in the “Guidelines on Indian Agents of Foreign Suppliers,” shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines, all the payments made to the Indian agent/representative must be in Indian Rupees only. Copy of the “Guidelines on Indian Agents of Foreign Suppliers” is placed on Annex hereto.

e. The Bidder(s)/ Contractor(s) shall, when presenting their bid, disclose any and all payments made, is committed to, or intends to make to agents, brokers, or any other intermediaries in connection with the award of the contract.

f. Bidder(s) /Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision.

- 2) The Bidder(s)/ Contractor(s) shall not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from the tender process and exclusion from future contracts

If the Bidder(s)/Contractor(s), before award or during execution, has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per laid down procedure to debar the Bidder(s)/Contractor(s) from participating in the future procurement processes of the Government of India.

Section 4 – Compensation for Damages

- 1) If the Principal has disqualified the Bidder(s) from the tender process before the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

- 1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 2) If the Bidder makes an incorrect statement on this subject, the Principal shall act like para 2) of Section 4 above.

Section 6 – Equal treatment of all Bidders / Contractors / Subcontractors

In the case of Sub-contracting, the Principal Contractor shall take responsibility for adopting the Integrity Pact by the Sub-contractor.

- a. The Principal shall enter into agreements with identical conditions as this one with all Bidders and Contractors.
- b. The Principal shall disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s) / Contractor(s) / Subcontractor(s)

If the Principal obtains knowledge of the conduct of a Bidder, Contractor, or Subcontractor, or of an employee or a representative or an allied firm of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal shall inform the same to the Chief Vigilance Officer.

Section 8 – Independent External Monitor

- 1) The Principal shall appoint competent and credible Independent External Monitor(s) for this Pact after approval by the Central Vigilance Commission. The task of the Monitor is to review, independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 2) The Monitor is not subject to instructions by the parties' representatives and performs their functions neutrally and independently. The Monitor would have access to all Contract documents whenever required. It shall be obligatory for them to treat the information and documents of the Bidders/Contractors as confidential. They report to the Management of the Principal.
- 3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction, all Project documentation of the Principal, including that provided by the Contractor. Upon their request and demonstration of a valid interest, the Contractor shall also grant the Monitor unrestricted and unconditional access to their project documentation. The same applies to Subcontractors.
- 4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s)/ Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non-Disclosure of Confidential Information' and 'Absence of Conflict of Interest.' In case of any conflict of interest arising later, the IEM shall inform the Management of the Principal and recuse themselves from that case.
- 5) The Principal shall provide the Monitor with sufficient information about all meetings among the parties related to the Project, provided such meetings could impact the contractual relations between the Principal and the Contractor. The parties offer the Monitor the option to participate in such meetings.
- 6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, they shall inform the Management of the Principal and request the Management to discontinue or take corrective action or other relevant action. The Monitor can, in this regard, submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action, or tolerate action.
- 7) The Monitor shall submit a written report to the Management of the Principal, within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8) If the Monitor has reported to the Management of the Principal a substantiated suspicion of an offence under the relevant IPC/ PC Act, and the Management of the Principal has not, within the reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 9) The word '**Monitor**' would include both singular and plural.

Section 9 – Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders, 6 months after the contract has been awarded. Any violation of the same would entail disqualifying the bidders and exclusion from future business dealings.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged / determined by the Management of the Principal.

Section 10 – Other provisions

- 1) This agreement is subject to Indian Law. The place of performance and jurisdiction is the place from where the Tender/ Contract is issued.
- 2) Changes, supplements, and termination notices must be submitted in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties shall strive to come to an agreement according to their original intentions.
- 5) Issues like Warranty / Guarantee, etc., shall be outside the purview of IEMs.
- 6) In the event of any contradiction between the Integrity Pact and its Annex, the Clause in the Integrity Pact shall prevail.

(For & On behalf of the Principal)

(Office Seal)

Place ----- Date -----

Witness 1: _____

(Name & Address)

(For and on behalf of Bidder/ Contractor)

(Office Seal)

Witness 1: _____

(Name & Address)

Form 2: Schedule of Requirements – Compliance & Deviation**Schedule of Requirements**

(Ref ITB-clause 9.2, Schedule V: Schedule of Requirements)

(To be submitted as part of Technical bid)

(on Company Letter-head)

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Note to Bidders: Fill up this Form regarding Section V: Schedule of Requirements maintaining the same numbering and structure. Add additional details not covered elsewhere in your bid in this regard.

Tender Title				
Tender Reference No		Tend No./ xxxx		
Schedule	Description of Goods	Local Content (%)	HSN Code	Bidder's GSTIN
1	2	3	4	5
I				
II				
III				
IV				
V				
VI				

We shall comply with, abide by, and accept without variation, deviation, or reservation all requirements detailed in Section V: Schedule of Requirements in the Tender Document, including delivery schedule & terms of delivery except those mentioned below.

a)

b)

We understand that if contrary terms and conditions are mentioned elsewhere in our bid, same shall not be recognized and shall be null and void.

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of

.....

[Name & address of Bidder and seal of company]

Form 3: Technical Specifications and Quality Assurance – Compliance & Deviation

(Ref ITB-clause 9.2, Schedule VI: Technical Specifications and Quality Assurance)

(To be submitted as part of Technical bid)

(on Company Letter-head)

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Note to Bidders: Highlight in this form deviations, if any, from Section VI: Technical Specifications and Quality Assurance, maintaining the same numbering and structure. Add additional details not covered elsewhere in your bid in this regard.

Technical specification as per tender		Technical Parameter of Quoted Model (refer Serial no. of Product Catalogue/Datasheet)	Compliance (Yes/No)	Deviations, if any	Remarks
1). Technical Specification for High Performance Liquid Chromatography with Photodiode Array (PDA) Detector, Fluorescence Detector (FLD) and Refractive Index (RI) Detector (Schdule-1)					
A bench top, HPLC-PDA, FLD and RI Detector system should be quoted as below:					
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.					
Final Technical Specification for procurement					
Solvent Delivery System	a) A Quaternary Pump System for using four solvents with integrated Degasser where a user can choose up to four solvents in combinations. b) Manual/Software controlled/Automatic rinsing c) Gradient Mixer and Reservoir Tray d) Flow Rate Range: 0.2 to 5 ml/min, with 0.01 ml/min Increments. e) Flow Rate Accuracy: $\pm 1\%$ of the set flow rate f) Flow Rate precision : 0.075% RSD or higher precision g) Operating Pressure: minimum 9000 psi or better h) Proportioning/Gradient accuracy: $\pm 1\%$ of the step gradient i) Proportioning/Composition precision: 0.5% or better j) Safety/Diagnostic Features: Error detection and display, Leak detection & safe leak handling excess pressure monitoring.				

Auto Sampler	a) Should have facility to hold multiple vials. b) Number of samples to be processed automatically random access up to 90 numbers or higher for ≥ 1.5 ml vials Capacity. c) Carryover should be $< 0.005\%$ d) $\pm 0.5\%$ at 20 μ L or better standard injection range. e) Injection volume accuracy must be below 0.5% (5 μ L injection, n=20). f) Sample Compartment : 4 – 40 degree Celsius				
Column Compartment	a) Thermostatted Column Compartment b) Number of columns accommodated Minimum 3 (300mm) or more c) Temperature stability/precision ± 0.1 Deg C d) Temperature range from 15 Deg C to 80 Deg C e) Temperature accuracy: ± 1 Deg C f) Cooling system peltier based or equivalent technology g) Preferably with Safety measures: Solvent sensor, temperature fuse, temperature upper limit, fluid leak sensors, fast-cool button.				
PDA detector	a) Light Source: Deuterium and Tungsten Lamp b) Wavelength range: 190-800 nm or better, settable in 1 nm increments. c) Diode element minimum 1024 d) Wavelength Accuracy: ± 1 nm e) Wavelength precision: ± 0.1 nm f) Linearity : Deviation at 2.0 AU $\leq 5\%$ g) Noise: $\leq 1 \times 10^{-6}$ AU peak to peak, 254 nm h) Drift: 1×10^{-3} AU/h i) Acquire data up to 80 Hz or more j) The detector must provide comprehensive and interactive diagnostic information on the limit k) Detector should have Temperature Control Flow Cell having Cell temperature control range 10 to 50 Deg C, 1 Deg C Step l) In flow cell, iDetector must have path length of 10mm flow length and 10 to 15 μ L volume.				
Fluorescence Detector	a) Programmable single wavelength (excitation and emission) fluorescence detector b) Light source: Xenon flash lamp or Equivalent” c) Wavelength range: “Excitation 200 nm to 600 nm or better d) Emission 265 nm to 600 nm better e) Spectral bandwidth : 20nm f) Wavelength accuracy: ± 3 nm g) Wavelength reproducibility: ± 0.25 nm h) Signal to Noise ratio for Water Raman peak should be > 500 . i) Flow Cell Volume $< 15 \mu$ L. j) Pressure resistance approx. 145 psi (10				

	bar) or higher. k) Cell material Biocompatible or PTFE or quartz for more participation. l) Long Life Xenon Lamp, not less than 2000 hrs.				
RI Detector	a) Refractive Index Range: 1.00 to 1.75 RIU. b) Measurement range : 500uRIU to 650 uRIU or better c) Noise level should be $\leq 2.5 \times 10^{-9}$ RIU Drift: 2×10^{-7} RIU/hr d) Flow cell Volume: 10uL or lower e) Compatible Flow Rate : 0.1 – 5ml/min				
Column	a) HPLC Column with pentafluorophenylpropyl (PFP) stationary phase: Dimensions: 3-micron particle size, 150x4.6mm (Quantity -2) b) C-18 HPLC Column with sub 5-micron particle size packing material or equivalent: Dimension: 250x4.6 mm. (Quantity- 2) c) C-8 HPLC Column sub-micron particle size packing material or equivalent. Dimension: 250x4.6mm (Quantity-1) d) Silica HPLC-Column with sub 5-micron particle size packing material or equivalent. Dimension : 250x4.6mm (Quantity-1) (Normal phase HPLC analysis)				
CONTROL SOFTWARE	a) System Controller, Required LC connect software with system suitability. b) Suitable software 21 CFR PART II compliance. c) The software must be offer free lifetime upgrading along with 3 offline license & 21 CFR Part II compliance.				
Computer and printer	a) Branded Core i7 processor Computer with accessories, Laser Printer for print out of the generated data in the system. b) 16 GB RAM, 1TB Hard disc, 24 inch monitor, Operation of the system with recent version of software.				
UPS system	a) 3KVA UPS System with minimum 1 hour battery backup.				
Warranty	a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] including accessories. b) Frequency of visits. c) For breakdown visits (as and when required) d) For preventive maintenance (twice a year) e) Detail coverage of the instrument during the warranty and CMC period. f) Terms of payment during CMC period.				
Training and Performance of the System	a) Vendor to provide both on-site and operator training for users on the system start-up, usage, maintenance, quality control, trouble shooting. b) All consumable parts should cover except columns, chemical and vials during warranty				

		and CMC period. c) On site Calibration with traceable reference material, to be done by the supplier on installation and there after every six months during warranty and CMC period. d) One Site Training at the time of installation.				
	Other Conditions	a) The system quoted should be of latest model and the spares and services should be available for next 10 years. b) If it is a closed system, exemption certificate for make in India should be made available for consumable items also.				
	Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.				
	Demonstration	a) Demonstration of equipment before opening of the financial bid.				
	IQ/OQ/PQ	a) The supplier should provide IQ,OQ,PQ of the equipment. b) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.				
2). Technical Specification for GC-MS/MS (Schedule-II)						
A bench top, High Sensitive Triple/Tandem Quadrupole GC-MS/MS system should be quoted as below:						
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.						
S. No.	Parameter	Description				
		Final Technical Specification for procurement				
1.	General Features	a) GC-MS/MS with the following specification is required to carry out analysis OF TOBACCO FOR Polycyclic aromatic Hydrocarbon (PAH), flavours, pesticide residues etc. All the variables like temperature, pressure, flow should be electronically controlled. Auto gas shutIT in case of power failure should be there. b) All the required licensed software versions (with data collection, interpretation, report generators and latest NIST and/or Wiley library for flavours, pesticides PAH etc.) to run the equipment independently with Pesticide, flavours MRM Database with a suitable branded computer with intest operating software. c) The system should have touch-screen user friendly interface for direct instrument control with USB access. Intelligent features like LMP, etc. should be built into the system. RT locking/RT Holding/RT Alignment. Feature.				

2.	Auto Sampler	a) 160 vial capacity or more. b) Must allow installation and automation of suitable syringe featuring volumes upto 10uL or better. c) Injection range: 1 to 50% of syringe volume In increment of 1%. d) 0.3% RSD area repeatability or better. e) Must be able to achieve combined multiple solving rinsing with 4 different solvents.				
3.	Headspace Sampler	1. Minimum 60 sample vial capacity. 2. Minimum 6 or more vial capacity incubation of 10 or 20 ml capacity (Combined Autosampler have 6 only, otherwise standalone HN is required). 3. Transferline temperature: 100 degree Celsius or better 4. Incubation oven temperature: 150 degree Celsius or better 5. The user should be able to use the Liquid Sampler and Headspace sampler with any of the 2 inlets without any manual intervention directly via SW.				
	Solid phase Microextraction (SPME for future applications)	a) SPME Arrow mode with fiber conditioning module and this should be controlled directly from the instrument Incubation with agitation oven to be heated up to 150 degree Celsius, and featuring 6 positions for 10/20 ml vials. b) Fiber conditioning module for fully unattended operations. c) Overcome the limited automation of other extraction techniques. d) (Since some samples are being tested by SPME technology hence it has been suggested.)				
	Performance Specification	a) retention time (RT) repeatability is 0.008% or 0.0008 minutes or less. b) Typical Peak Area Repeatability: 0.3% RSD or better				
		(a) Independent line for liquid sampler and headspace sampler				
4.	Injector	a) Capillary split/split less injection modes (01 No.) (NTTL Noida). b) Inlet 1: PTV/MMI or Equivalent Inlet 2: Split Splitless Inlet.				
		Gas saver mode				
		a) Maximum range should be up to 400 Deg C.				
		a) Programmable flow and pressure should be available.				
		b) Split ratio 10000:1 or better or better.				

			a) <u>Pressure range 0.1-150 PSL or better.</u>				
		Injector 2	<p>a) Inlet 1: PTV/MMI or Equivalent Inlet: An Inlet providing the flexibility of a standard split/Splitless inlet, along with a programmable temperature vaporizer (PTV) capability/Equivalent, enabling large-volume injections should be provided. Temperature programming of up to 5 ramps or more at up to 800 deg C/min or higher with EPC with a pressure range of 0.1 to 150psi.</p> <p>b) The same inlet should also support cool injections for an improved signal response.</p> <p>c) Temperature programming of up to 3 ramps or more at up to 800 Deg C/min or higher with fully EPC/equivalent.</p> <p>d) Split ratio of 12000:1 or more</p> <p>e) Following injection modes should be made available:</p> <p>a. Hot or cold split/Splitless</p> <p>b. Pulsed split/Splitless</p> <p>c. Solvent vent</p> <p>f) Direct (any other extra injection modes apart from this)</p> <p>g) (It may be used for gradient increase of temperature at various intervals).</p> <p>h) Inlet 2; Split Splitless Inlet</p> <p>i) An Inlet providing ability of a standard split/Splitless inlet. It should be equipped with EPC with a pressure range of 0.1 to 100psi.</p> <p>j) Maximum temperature of 400 deg.</p> <p>k) It should have a Gas saver mode or equivalent to reduce gas consumption without compromising performance.</p>				
5		Column Oven	<p>a) Temperature programmable from ambient +5 Deg C to 400 Deg C or better</p> <p>b) Oven ramp: minimum \geq 20 ramps or more.</p> <p>c) Typical heat-up: For about 175-300 Deg C temperature range, ramp Rates should be 45 Deg C/min or more.</p> <p>d) (Specifications has been suggested based on the requirement and competitive participation with high precision).</p> <p>e) Column Oven can accommodate two columns with a maximum temperature range of up to 400 Deg C with a set point resolution of 0.1</p>				

		Deg C. f) It should support 20 Oven ramps & maximum temperature ramp rates of 120 Deg C/min.				
		a) Cool down time from 400 degree Celsius to 50 degree Celsius within 4 minutes or better.				
		a) Automatic leak test of				
6	Detector					
	FID	It can be used for routine analysis. a) Operating Temperature range 50 degree Celsius to 400 degree Celsius or better b) Minimum detection limit tridecane of 1.2 pg C/sec or better. c) Data Acquisition rate of 1000 Hz or better d) Linear dynamic range: $> 100^7 \pm 5\%$.				
	Mass Spectrometer detector	a) EI (Electron Ionization) and CI (Chemical Ionization) modes Ion source should have heating capacity of 350 degree Celsius or more. a) Mass Range: 10 – 1000 m/z or better a) Auto tuning and calibration facility should be available. a) Dual filaments for all Ionization Sources				
	Mass axis stability	a) $< \pm 0.10$ amu over 24 hours or better				
	Electron energy	(a) 10 to 150 eV or more				
	Scan rate	a) Up to 20,000 u/s				
	Resolution	a) Selectable, 0.7 to 2.5 Daltons, default tune				
	Dynamic range	a) 6 orders of dynamic range or better				
	Minimum MRM dwell	a) ≤ 0.5 m sec				
	MRM speed	a) 800 transitions/sec or better				
	Collision energy	a) 0-60 eV or better				
	EI Source temperature	a) upto 350-degree C or better				
	Mode of Operation	a) Scan, SIM, MRM/SRM/Parent Ion scan, Product Ion scan, Neutral loss scan-time, Pull scan etc.				
	Detector	a) A Off Axis detector or equivalent” with high energy dynode technology for the long life of electron multiplier (EM) or equivalent				
	Sensitivity	a) MRM sensitivity 1ul injection of OFN (Octafluoronaphthalene) having concentration of 100 fg/ul should produce S:N of 20000:1 or better b) IDL: 0.5 fg or better with				

		injections of OFN with both quads set to unit resolution mode (Octafluoronaphthalene) (performed on 30m column)				
		TMP Capacity	250 L/s or better			
7	Software	<p>a) The current version of Software should be compatible with all the modules and all devices should be controlled from same software.</p> <p>b) Latest and licensed original version of NIST and/or Wiley Library for Flavours and fragrance, pesticides, insecticides, mycotoxins, tobacco related components etc.</p> <p>c) The software must offer free lifetime upgrades along with 3 offline license & 21 CFR Part 11 compliance.</p>				
8	Computer & printer	<p>a) Branded Desktop computer system with latest processor, 27-inch monitor or better) having RAM of 32 GB or higher and ITB (or higher) Hard disk, intel processor of latest generation for high-speed operation and high data storage, along with licensed Oss, MS office standard version, Antivirus. The system should be completely compatible with all the operations that can be performed with the instrument provided by the vendor.</p> <p>b) Branded and compatible Colour Laser jet printer with USB & Wi-Fi port and that can be connected to the network.</p> <p>c) 10 KVA online UPS with 60 minutes backup.</p>				
9	Others/Training	a) The supplier will have to carry out successful installation at our laboratory premises (where ever the system has to be installed) and provide on-site comprehensive and application-based training for scientific personnel operating the system and support services till customer satisfaction with the system and a training at the supplier's lab premises is also required.				
10	Warranty	<p>a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] (annual basis) including accessories.</p> <p>b) Frequency of visits</p> <p>c) For breakdown visits (as and when required)</p> <p>d) For preventive maintenance (twice a year)</p>				

			e) Online support for customer service is provided.				
11	Spares and Accessories	<p>The column may quoted without mentioning the brand name.</p> <p>a) Fused silica capillary column with a 5% diphenyl – 95%-dimethylpolysiloxane stationery phase: 30mx0.25mm(internal diameter); 0.25um film thickness-1 No. (USP equivalent to G27).</p> <p>b) Fused silica capillary column with a 50%-Diphenyl-dimethylpolysiloxane stationery phase: 30m x 0.25mm(internal diameter):0.25 um film thickness – 1 No. (USP equivalent to G3).</p> <p>c) Fused silica capillary column with a 25%-Diphenyl- 75% dimethylpolysiloxane stationery phase: 60m x 0.25mm(internal diameter):1.4 um film thickness – 1 No. (USP equivalent to G28).</p> <p>d) Fused silica capillary column with a 6% cyanopropyl/phenyl, 94%-polydimethylsiloxane stationery phase: 30m x 0.25mm (internal diameter): 1.4um film thickness- 1 No. (USP equivalent to G43).</p> <p>e) Fused silica capillary column with a 6% cyanopropyl/phenyl, 94%-polydimethylsiloxane stationery phase: 60m x 0.25mm (internal diameter): 1.4um film thickness- 1 No. (USP equivalent to G43).</p> <p>f) Fused silica capillary column with a 14% cyanopropyl-phenyl) methylolysiloxane stationery phase: 30m x 0.32mm (internal diameter): 1.0um film thickness- 1 No. (USP equivalent to G46).</p> <p>g) Fused silica capillary column with a base deactivated 100% Polyethylene Glycolstationery phase: 30m x 0.25 mm(internal diameter): 0.25 um film thickness- 1 No. (USP equivalent to G16).</p>					
		<p>h) Fused silica capillary column with stationery phase DB-ALCI or equivalent: 30 m x 0.32 mm(internal diameter); 1.8um film</p>					

		thickness- 1 No.				
		<p>i) Nitrogen gas generator with in-built compressor: A suitable noise-free gas generator with an in-built compressor, filters, or any other accessory required for the functioning of the system.</p> <p>j) The other required necessary gascylinders (02Nos. for each type of gas) with appropriate purity and dual stage steel regulators (02 Nos. for each type of gas) should be provided.</p>				
		<p>k) Automatic changes over manifold for all gas lines including carrier gas. Complete gas purification panel with fittings & installation of all gases.</p> <p>l) Metrological traceable mix standards of 203 Pesticides analysis – 1 Nos.</p> <p>m) Standards for flavours at least 10 Nos. which are being used in tobacco products may be stated. Reagents/Chemicals for installation of the equipment.</p>				
		<p>Below are items that must be supplied with the system:</p> <p>a) Autosampler vials (amber colour) with caps: 2.0mL-1000 Nos.</p> <p>b) Headspace vials and caps 10mL, 20mL capacity (500 Nos. each) with crimps (1000 Nos.) Septa: 1000 Nos.</p> <p>c) Inlet side Ferrules (Vespcl): 50 Nos.</p> <p>d) MS side ferrules (Vespcl): 50 Nos.</p> <p>e) Splitless Liner: 10 Nos.</p> <p>f) Split Liner: 10 Nos.</p> <p>g) Liquid Syringe: 10CL: 5 No.</p> <p>h) Headspace Syringe: 5 No.</p> <p>i) EI Filament: 4 No.</p> <p>j) Inline Helium Trap with clamp: 1 No.</p> <p>k) Inline Nitrogen/Argon Trap with clamp: 1 No.</p> <p>l) Vacuum Pump Fluid: 5 L</p> <p>m) O-ring: 100</p> <p>n) Headspace vial crimper: 1</p>				
12	Experience	<p>a) The supplier should have at least ten successful installation of the similar model of GC-MS/MS system quoted, out of which at least five installations shall be from government organization in India.</p> <p>b) Satisfactory performance</p>				

		certificate taken from government organization along with technical bid shall be submitted. c) The Compete users list for the quoted model or similar model in India, with contact addresses, emails and phone numbers should be provided.				
13	Other Conditions	a) The system quoted should be of latest model and the spares and services should be available for at least 10 years from the date of installation. b) If it is closed system, exemption certificate for make in India should be made available for consumable items also. c) System should Monitor GC and MS resources: injection counter, operation times, and electronic logs to aid planned maintenance. d) It should have convenient access to pertinent consumables part numbers. e) It should have the facility for rapid venting of the MS. f) It should have an Eco-Friendly Operation with User-scheduled sleep/wake mode to save carrier gas and power. g) It should have integrated Calculators like a Vapor volume calculator, solvent vent calculator, method translator, etc.				
14	Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.				
15	Demonstration	a) Demonstration of equipment before opening of financial bid.				
16	IQ/OQ/PQ	a) The supplier should provide IQ, OQ, PQ of the equipment. b) The supplied equipment should meet all the IQ/OQ/PQ criteria for NABL ISO 17025 certification purposes.				
3). Specifications for Liquid Chromatography Mass Spectrometry (LC-MS/MS) (Schedule-III)						
A bench top High Sensitive Triple Tandem Quadrupole LC-MS/MS system should be quoted as below:						
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.						
Final Technical Specification for procurement						
1) Core Specifications	a) The Liquid Chromatography and Mass spectrometer and all Ion sources must be manufactured, supplied and installed by a single/same vendor to provide seamless integration between the LC and MS/MS.					

		b) Both the Liquid Chromatography and Mass spectrometer must be fully supported by the supplier to provide a seamless instrument diagnostic between the LC and MS/MS.				
2) Application Requirement		The instrument should be able to cater the following applications: a) Tobacco Specific Nitrosamines (TSNAs) in tobacco and tobacco products. b) Pesticides c) Insecticides and d) Any other requirement of the tobacco testing laboratory.				
3) Solvent Delivery System		a) Binary pump with an operating pressure of minimum 15000 psi or better b) The instrument should have in-built Vacuum degasser facility with minimum four lines and should be efficient to remove dissolved air online. c) Flow Rate Range: 0.01 to 2.0 ml/min. with 0.001 ml/min increments. d) Flow Rate precision: 0.075% RSD e) Flow rate accuracy: $\pm 1.0\%$ f) Delay Volume: <200uL g) Flow path must be able to tolerate solvent pH from 2-12				
4) Auto Sampler		a) Should have facility to hold multiple visits b) Capacity to hold 90 vials of 1.5 to 2ml or more in the same auto sampler c) Carryover should be < 0.002% d) Injection volume range= 0.1-20ul. e) Sample delivery precision < 0.25% RSD or better f) Injector linearity: $r > 0.999$ or better g) Auto-sampler Temperature: 4-40 deg. C h) It must have the latest needle wash capabilities like Integral, Active & Programmable.				
5) Column Compartment		a) Thermostated Column Compartment b) Preferably have capacity to hold minimum 2 columns simultaneously or other possible combination c) Temperature stability: ± 0.5 Deg. C d) Temperature range from 10 Deg. C below ambient to 80 Deg C or more				
6) PDA Detector		a) A PDA detector having more than 512-element photodiode. b) It should be covering wavelength from 190-800 nm having a data rate higher than 80 Hz. c) Wavelength Accuracy should be ± 1 nm d) The PDA detector should have a flow cell having 10 mm cell path length should be quoted along with it.				
Specifications for Triple (Tandem) Quadruple MS System						
7) Mass Analyzer		a) The system should be a tandem Quadrupole MS system, capable of carrying out MS and MS/MS experiments. The instrument should hve the following minimum specifications.				
8) Mass Range		a) 5-2000m/z or better				

9) Instrument Detection Limit	a) Should be <0.5 femtogram reserpine on column or less (Proof of Statement must be provided)				
10) Ionization source	<p>a) Dedicated ionization ESI and APCI sources to be provided as standard, with facility of interchanging easily by the user, and auto-detection of installed source by the instrument and software. The ionization must be done both in a positive & negative mode.</p> <p>b) The source should be easily removable from the system to facilitate user cleaning without venting the vacuum, with automatic standby of system while the source/probe is being removed.</p> <p>c) Switching between positive & negative mode should be ≤5 ms or better.</p> <p>d) The source shall have a flow rate compatibility from 50uL/min to 2000uL/min, without flow splitting in both ESI and APCI modes.</p> <p>e) Desolvation temperature for ESI and API sources should be 400 Deg Celsius or better</p> <p>f) Switching between mS & MS/MS mode must be less than equal to 5 ms.</p> <p>g) All source parameters to be adjustable through software</p>				
11) Interface	a) Dual orthogonal off axis source or any other equally efficient technology capable of avoiding interferences from solvent and other extraneous matter, handling large batches of complex sample matrix like tobacco.				
12) Scan rate	a) 15000 Da/sec or better				
13) Dynamic range	a) 6 orders of dynamic range or better				
14) Mass Stability	a) 0.1 Da over 24 hr period.				
15) Mass Accuracy	a) 0.1 Da or better				
16) Mass Resolution	a) Better than or equal to 0.7 Da				
17) Vacuum System	a) A robust high efficiency vacuum system with minimum maintenance and utility with low noise level and automatic vacuum lock system				
18) Source cleaning	a) The cleaning of the source should be done without venting the system and facility to Vacuum interlock should be provided. The Vacuum must remain intact during the cleaning, Source interchange or Servicing of the system. Vendors must assure the same in writing.				
19) Sensitivity	<p>a) MRM ESI +ve log on column reserpine should give chromatographic S/N greater than 15,00,000:1 without smoothing MRM transition 609-195 at unit resolution.</p> <p>b) MRM ESI -ve 1pg On column chloramphenicol should give</p>				

	chromatographic S/N greater than 15,00,000:1 without smoothing MRM transition 321-152 at unit resolution. c) Documentary evidence to be submitted along with quotation. Chromatograms to be provided, with details of mobile phase, column and injection volume. Statistical treatment used to determine S/N ratio is to be specified along with raw data.				
20) Polarity Switching Time	a) Switch from positive to negative polarity between alternate MRM scan in 5 ms or better.				
21) Collision cell	a) Confined collision cell capable of high energy fragmentation, producing reproducible MS/MS spectra should have a minimum dwell time of 1 millisecond ; b) “the collision cell should after zero cross talk” in order to improve the data quality enable MRM Transitions within a single run.				
22) MRM acquisition rate	a) Should be capable of minimum 500 MRM data points /sec in a single time period, with no loss in sensitivity for co-eluting component at any one point of time.				
23) Modes of operation	Tandem mass spectrometry should have following scan options: a) Full scan b) Selected ion monitoring/recording (SIM/SIR) c) Product ion scanning d) Precursor Ion scanning e) Neutral loss/gain scanning f) Multiple reaction monitoring g) Simultaneous full scan and MRM along with matrix monitoring to be performed in a single run. h) Information dependent acquisition system or equivalent scan mode of MRM to high sensitivity product ion scan for library confirmation. i) Fullu Automatic tuning & Mass Calibration.				
24) Detector	a) Must have very long life, low noise, highly efficient photomultiplier or electron multiplier detector. b) The detector should last for the lifetime of the instrument, not require regular gain adjustment. c) “Must operate both +ve and -ve ion mode and back.”				
25) Columns	a) Suitable sub 2 micron particle size C18 column (50mm length x 2.1 mm diameter) – 2 Nos. b) Suitable sub 2 micron particle size C18 column (100mm length x 2.1 mm diameter) – 2 Nos. c) Suitable sub 3.5 micron particle size C18 column (150mm length x 2.1 mm diameter) – 2 Nos. d) Suitable sub 2 micron particle size C8				

	column (50mm length x 2.1 mm diameter) – 1 No. e) Suitable sub 2 micron particle size C8 column (100mm length x 2.1 mm diameter) – 1 No. f) Suitable sub 3.5 micron particle size C8 column (150mm length x 2.1 mm diameter) – 1 No.				
26) Quantification Software	<p>a) Application software for quantitative applications having the additional requirement of Quality Control (QC) checks to satisfy statutory or regulatory requirements must be available.</p> <p>b) Software must be compatible with LC/MS and LC/MS/MS data. Data can be full scan, SIR/SIM or MRM.</p> <p>c) Data Acquisition, Peak Integration, Calibration, Quantification and QC calculation must be fully automated.</p> <p>d) Quantification and QC parameters must be stored for each compound and individually selected and loaded into new methods.</p> <p>e) The quantification method editor must be viewable in page view or as a spread sheet.</p> <p>f) The software must allow the monitoring of the molecular ion plus up to 4 confirmatory ions.</p> <p>g) Technology for system optimization and status monitoring, technology should monitor and perform the following parameter:</p> <ul style="list-style-type: none"> ➤ System parameters checking and alerts ➤ Integrated sample/calibrant delivery system and programmable divert valve system ➤ Automated mass calibration ➤ Automated sample tuning ➤ Automated SIR and MRM method development ➤ LC/MS system checks-automated on-column performance test. <p>h) Software should have the latest library database of around 1000 compounds viz. Mycotoxins, Pesticides, Tobacco, Insecticide etc.</p>				
27) Instrument and Software Qualification Service & Certification:	<p>a) The instrument must be “Qualified” along with the Software, Necessary reagents along with Documents must be Quoted with valid Cat/CasNo.’s & should be provided for valid “Instrument Qualification” of the instrument along with Specification check during the installation.</p> <p>b) The vendors must quote the Qualification kits with defined list of items along with valid Cat No./Product ID etc.</p> <p>c) During installation and qualification, Instrument should perform as per submitted specification in presence of user.</p>				
28)	a) Nitrogen gas generator with In-built				

Accessories	<p>compressor. A suitable noise free gas generator with an in-built compressor, filters or any other accessory required for the functioning of the system. The software must offer free lifetime upgrade with 3 offline license and 21 CFR part 11 Compliance.</p> <p>b) Suitable online UPS with at least 1 hour backup for the complete system (LC MS/MS, PC, and nitrogen generator).</p> <p>c) Instrument calibration standards, Vacuum Pump OH, Timing solution etc. to be provided.</p> <p>d) Suitable Computer, Printer etc.</p> <p>e) Suitable Computer, Laser jet color Printer along with latest software (Window, MS Office) etc. The system should be completely compatible with all the operations that can be performed with the instrument.</p>				
29) Others/ Training	<p>a) The other gases (Nitrogen/Argon: 1 No.) along with regulator should be supplied along with the system.</p> <p>b) The chemicals, standards required for analysis of TSNAs (NNN, NNK, NAB, and NAT) in tobacco should be quoted and supplied for at least 50 samples.</p> <p>c) Standards/reagents and MS grade solvent required for successful installation must be quoted.</p> <p>d) Installation must be done at user's site with no extra costs involved. A one week (at least) general entry-level training-cum-workshop and advanced-level training-cum-workshop must be arranged at the user's site by the vendor on experimental and data analysis part, with no extra cost involved.</p> <p>e) Proof of performance documents must be provided with the Compliance sheet.</p> <p>f) The model offered by the vendor should have capability to demonstrate the above mentioned parameter in the presence of user.</p> <p>g) Gas cylinders with appropriate purity and dual stage steel regulators with Automatic change over manifold for all gas lines.</p>				
30) Warranty	<p>a) Warranty for 3 years and thereafter CMC rate for another 5 years (total 8 years) (annual basis) including accessories.</p> <p>b) Frequency of Visits during warranty and CMC period.</p> <p>c) For breakdown visits (as and when required)</p> <p>d) For preventive maintenance (twice a year)</p> <p>e) Detail Coverage of the instrument during the warranty and CMC period.</p> <p>f) Terms of payment during CMC period.</p>				
31) Consumables	<p>Quote the rate of the following consumables for smooth running of the system:</p> <p>a) Vials, septa with caps (amber color), 1.5-2ml – 1000 No.</p> <p>b) Capillary Tube/Desolvation Line/Cone/Declustering device – 01 No.</p>				

		c) Syringe PTFE Filter, 13mm -- 1000 No. d) Vial Insert, 250uL – 200 No. e) Nitrogen Filters – 2 No. f) Tuning solution g) Vacuum Pump Oil				
32)	Experience	a) The supplier should have at least ten successful installations of the similar model of LC-MS/MS system quoted, out of which at least five installations shall be from government organization in India. b) Satisfactory performance certificate taken from government organization along with technical bid shall be submitted. c) The Complete users list for the quoted model or similar model in India, with contact address, emails and phone numbers should be provided.				
33)	Other Conditions	a) The system quoted should be of latest model and the spares and services should be available for atleast 10 years from the date of installation. b) If it is a closed system, exemption certificate for make in India should be made available for consumable items also.				
34)	Delivery	a) Vendors should quote final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.				
35)	Demonstration	a) Demonstration of equipment before opening of financial bid.				
36)	IQ/OQ/PQ	a) The supplier should provide IQ, OQ, PQ of the equipment. b) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.				
4). Technical Specification for Inductively Coupled Plasma-Mass Spectrometry with microwave digestion system (Schedule-IV)						
Final Technical Specification for procurement						
A bench top High Sensitive Inductively coupled plasma-mass/spectrometry (ICP-MS) with Microwave Digestion System should be quoted as below:						
The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes.						
S. No.	Description	Product Specification				
1.	General Features	a) A latest model of bench top ICP MS system having both scan mode such as On Mass and Mass shift required for accurate and precise analysis of common trace element, toxic elements, incials at ppm, ppb, and ppi level in various types of sample matrices such as tobacco, soil, plant Agriculture and Environmental samples etc.. Instrument should have collusion and reaction capability using pure and mixture of gases.				
2.	Sample	a) System should be offered with				

	Introduction system	<p>software-controlled online Argon Gas Dillution accessory like AMS/UHMI/AGD and other mandatory accessories requires for achieving dilution of the aerosol up to >100X to aspirate >10% TDS solutions without liquid , liquid dilution.</p> <p>b) System should have appropriate Glass spray chamber wih port to connect to O₂ gas line (for Organic/Oils aspiration) or Argon for Argon Gas dilution accessory.</p> <p>c) System should have high precision peristaltic pump with at least 4 channels and 12 rollers.</p> <p>d) There should be oxygen gas line in sample intro system for organic solvent introduction into the system.</p> <p>e) Concentric coaxial based nebulizer with low sample flow rate or any equivalent or better.</p> <p>f) Spray Chamber Controlled temperature range: -5 degree Celsius to +20 degree Celsius or better.</p>				
3.	Ion Source and Plasma torch	<p>a) Computer controlled RF generator operating between 24MHz or more equivalent operating from 600 to 1600 watts for automatic control of torch ignition, shutdown and system warm up.</p> <p>b) The Plasma torch should have provision for software-controlled alignment for horizontal position, vertical position and sampling depth for maximum sensitivity and minimum polyatomic interference.</p> <p>c) Vendor should ensure for RF generator/coil lifetime for at least 5 years without fail, else required spare of RF generator should be offered in the standard offer.</p> <p>d) The torch should be such that it consumes lowest argon gas and should have feature to save gas when system is not aspiring samples or park position keeping plasma in on condition.</p>				
4.	Ion extraction Interface	<p>a) System should have suitable water cooled interface with the suitable standard orifice size around 1.0mm or better to suit all the application.</p> <p>b) Cone Interface; Samples and Skimmer cone should be made up of Ni to handle complex environmental and water samples.</p> <p>c) Capable of removing all neutrals and photons from the ion path without causing any damage to the optics.</p> <p>d) Skimmer cones/extraction system should be easily</p>				

		mountable/dismountable without venting out the system.				
5.	Quadrupole System	<p>a) Quadrupole material: made of molybdenum or stainless-steel alloy rods or any suitable alloy material with RF pre-filters and operate at 2-3 MHz or equivalent.</p> <p>b) Background concentration should be less than 1 cps.</p> <p>c) User definable/selectable resolution (≤ 0.3 to ≤ 1.0 amu) for the entire mass range: 2-275 amu or more.</p> <p>d) Applications for the entire mass range: 2-275 amu or more, ICP-MS can be used for civilian as well as military applications. It is easy to get an export license of systems from Supplier country, if it is predeclared in the specs of ICP-MS for non-military applications.</p> <p>e) Scan speed: should not be less than 3700 amu/sec or better over the entire mass range during the data acquisition at every mass.</p> <p>f) Dwell time: should be minimum of 100 mS with zero settling time. Vendor must submit supporting data for minimum Dwell time measurement capability.</p> <p>g) Background equivalent concentration should be less than 1 cps.</p>				
6.	Detector and dynamic range	<p>a) The EMT ion detector must be a simultaneous dual-stage discrete dynode electron multiplier, providing element concentration calibration over 10 orders of magnitude simultaneously in both Analog and pulse mode for higher and lower concentration respectively.</p> <p>b) Should be able to operate in dual mode simultaneously in Pulse and analogue.</p> <p>c) System should have dynamic range of 10 orders of magnitude of addresses varied concentrations (from PPT to very high ppm levels) in single aspiration and detector should provide 10 orders of magnitude in a single continuous scan.</p>				
7.	Vacuum system	<p>a) System should consist of two rotary and ceramic-bearing/equivalent turbomolecular pumps for efficient pumping with pneumatic vacuum isolation between first and second stage of vacuum.</p> <p>b) The pumps should be a fume and acoustic free system.</p> <p>c) The roughing pump must utilize ultra-long life fluid <u>which should last at least one year in a one go as per the</u></p>				

		service manual/technical literature.				
8.	Cooling system	a) Re-circulating coolant chiller should be provided for continuous cooling of RF generator, RF load coil and ICP interface and temperature range must be -10 to 40 deg C or suitable range as per system requirement.				
9.	Cell technology	a) ICP-MS shall be capable of three modes of operation: Standard Mode, Collision Cell Mode and reaction Cell to utilize a wide variety of gases like He/H ₂ /CH ₄ /NH ₃ /O ₂ in 100% pre and pre-mixed using required channel as per manufacturer design to ensure collision and reaction modes are operated simultaneously. b) The cell should be able to perform Mass shift reaction. The reaction cell should have capability of mass cut off facility to prohibit unwanted interference forms during use of reactive gas. c) Maintenance free system, must not require any periodic maintenance (cleaning) or replacement of Collision/reaction or Universal cell.				
10.	Guaranteed Performance	a) Detection limit: ⁹ Be: 1 ppt or better ¹¹⁵ In: 0.5 ppt or better ²³⁸ U/ ²⁰⁹ Bi : 0.5 ppt or better b) Sensitivity (in MCPS/ppm of element): Li(6)>20 or Be (9)>6 Y (89)/In (t15)/Equivalent >90 TT (205)/Bi (209)/U (238)>70 <ul style="list-style-type: none"> • Oxide ratio (CeO/Ce) : ≤3% or better • Double charged ratio : Ce²/Ce (%): ≤3% • Isotope Ratio Precision (%RSD) 107Ag/109Ag: <4 c) <u>Mass Stability min: <0.5 amu or better for 6 hrs or more</u> d) <u>Abundance sensitivity Cs/U: 10⁻⁷ or 0.05ppm in entire mass range</u>				
11.	Software	a) The software must be capable of running in Windows 10 on a 64-bit operating system or better. b) The software must have functions for automated system startup, shutdown, optimization and instrument tuning for optimum performance. c) Editable interference correction equations. d) Calibration for multi-element external calibration, method of standard additions, and quantitative analysis, semi-quantitative analysis.				

		<p>e) The software should enable isotope ratio isotope dilution study.</p> <p>f) Simultaneous real-time graphical display of signal as well as full mass scan segments of mass scan, and signal response or time for multiple isotopes or ratios.</p> <p>g) The software must offer free lifetime upgrades along with 3 offline license & 21CFR Part 11 compliance.”</p> <p>h) Report Generation: Output results formatted in mixed concentration units e.g. ppt, ppb, ppm, etc.</p>				
12.	Auto Sampler	<p>a) Auto sampler with more than 180 vial position capacity or more, movable in three direction X, Y and Z and LED light indicator for real time status.</p> <p>b) Scope of supply for Nickel Interface cones. One set of Ni sample, skimmers, hyper skimmer cones/extraction system for high matrix and higher sensitivity.</p>				
13.	Consumables (Excluding Standard supply)	<p>a) Ni Sample cone-03 Nos.</p> <p>b) Ni Skimmer/hyper skimmer Cone- 03 Nos.</p> <p>c) Quartz Torch and Injector - 03 Nos.</p> <p>d) Shield torch – 03 Nos.</p> <p>e) <u>Concentric Nebulizer : 02 No.</u></p> <p>f) Peristaltic Pump Tubing for Samples - uptake - 12x6 Nos.</p> <p>g) Peristaltic Pump Tubing – Drain- 12 Nos.</p> <p>h) Screw, Spacer and O-ring for Cell- 02 sets</p> <p>i) Gasket for Sampling Cone- 5 Nos.</p> <p>j) Tubing for Spray Chamber Drain- 2 sets</p> <p>k) Ion lens- 03 Nos.</p> <p>l) RF coil- 03 Nos.</p> <p>m) Pump Oil for complete warranty period.</p> <p>n) <u>ICP-MS Autosampler Vials with cap 15 ml and 50 ml- 500 Nos. ach</u></p> <p>o) <u>Oil/Mist Filter</u></p> <p>p) <u>Spray Chamber – 01 Set</u></p> <p>q) <u>PFA tubing : 2 set</u></p> <p>r) <u>Nebulizer tubing- 02 set</u></p> <p>s) HF/Inert kit with PFA nebulizer, PFA spray chamber, Inert torch, PT cone set & Sample/Drain Tubing – Pk/12.</p>				
14.	Essential Accessories	<p>a) Gas filters, Gas cylinders and appropriate gas lines, Purification Panel, connectors, valves and control systems for these.</p> <p>b) Gas cylinders with dual stage regulators (6 argon with manifold, 1 Helium, 1 Oxygen, 1 Hydrogen and 1</p>				

		<p>NH₃)</p> <p>c) 20 KVA Online UPS with 1 hr backup.</p> <p>d) Required exhaust system with accessories for ICP-MS.</p> <p>e) Provide a maintenance chart for all of the components in the system.</p> <p>f) Appropriate Computer & color laser jet printer for specific for system operation: Compatible PC with intel Corei7 and OEM factory recommended quoted, Windows 10 operating system or latest, 24" LED/LCD Monitor, ITBHDD, 32 GB RAM, 4 USB Port, laser color printer quoted.</p> <p>g) Any local ancillary instrument / equipment necessary to run the system, in addition to the above, should also be indicated.</p> <p>h) NIST certified multi element standards and internal standard.</p> <p>i) Hg and U separated standard</p> <p>j) Tuning solution and performance solution</p> <p>k) Supra pure/ ICP-MS Grade Chemicals : 2x2.5 L Nitric Acid, 2.5L HCL, 1L HF and 1 L H₂O₂ etc or any other chemicals/reagents require for installation of equipment.</p>				
15.	Microwave digester	<p>a) Microwave digester must be capable of processing 14 or more reaction vessels simultaneously with individual pressure venting on each vessel with pressure rate increase control and direct temperature control on vessels.</p> <p>Vessel Specifications:</p> <p>b) <u>Volume of Reaction vessel: 80ml or more</u></p> <p>c) Material of reaction vessel: Teflon vessels/Quartz, combination with metal free springs.</p> <p>d) Operation temperature : 230 degree Celsius or above (System temperature 300 Deg C.</p> <p>e) <u>Vessel Operation pressure: 20 bar or more</u></p> <p>f) Power requirement: 1800W or more.</p> <p>g) Current requirement: 220-240V, 50Hz</p> <p>h) Vessel rack should be provided</p> <p>i) Temperature sensor of immersing type/probe/contact free for one reference to be included in the offer and the same should be provided of control using transducers and gas bulb respectively with wireless transmission.</p>				

		<p>Software:</p> <p>j) Software must be Built-in cook-book methods for various matrices.</p> <p>k) System must have control and graphic display for all routine operations Built-in software with screen display for Temperature, weight, method search, power profile, method set-up etc.</p> <p>Safety Features:</p> <p>l) Built-in integrated cooling system for removal of gases (vapours) and cooling of vessel without a use of external chiller/thermostat in less than 20 minutes</p> <p>m) Safety interlocks should be available so that vessels can't be opened during hot condition.</p> <p>n) Over pressure should be released from the vessel to avoid any damage to the vessel.</p> <p><u>Temperature control:</u></p> <p>p) Temperature sensor of immersing type/probe/contactree or suitable design as per system requirement for one reference to be included in the offer and the same should be provided of control using transducers/suitable and gas bulb/ or suitable technology respectively with wireless transmission or suitable.</p> <p><u>Software:</u></p> <p>o) Software must be Built-in cook-book methods for various matrices.</p> <p>p) System must have control and graphic display for:</p> <p>q) all routine operations Built-in software with screen display for Temperature, weight, method search, power profile, method set-up etc.</p> <p><u>Other Accessories:</u></p> <p>r) System must be quoted with additional one set of vessels.</p> <p>s) Necessary cables and user manual for operation of the system.</p> <p>t) Fume Exhaust Hood for microwave should be provided.</p>				
16.	Training/Other	<p>a) The supplier will have to carry out successful installation at our laboratory premises (where ever the system has to be installed) and provide on- site comprehensive and application based training for scientific personnel operating the system and support services till customer satisfaction with the system and a training at the</p>				

		supplier's lab premises is also required.				
17.	Warranty	a) Warranty for 3 years and thereafter CMC rate for another 5 years [total 8 years] (annual basis) including accessories. b) Frequency of visits during warranty and CMC period c) For breakdown visits (as and when required) d) For preventive maintenance (twice a year). e) Detail Coverage of the instrument during the warranty and CMC period. f) Terms of payment during CMC period.				
18.	Experience	a) The supplier should have at least ten successful installations of the similar model of ICP-MS system quoted, out of which at least five installations shall be from government organization in India. b) Satisfactory performance certificate taken from government organization along with technical bid shall be submitted. c) The Complete users list for the quoted model or similar model in India, with contact addresses, emails and phone numbers should be provided.				
19.	Delivery	a) Vendors should quoted final/complete cost to door delivery basis. b) Vendor should ensure delivery and installation at the customer location.				
20.	IQ/OQ/PQ	a) The supplied equipment should meet all the IQ/OQ/PQ criteria required for NABL ISO 17025 certification purposes. b) The service provider must provide IQ (Installation qualification), OQ (Operational qualification) and PQ (Performance qualification) of the instrument.				
5). Technical Specification of <u>Spectrofluorophotometer</u> (Schedule-VI)						
Spectrofluorophotometer is required for analysis of complex tobacco constituents like polycyclic aromatic hydrocarbons and other carcinogens. Required Technical Specifications: <ul style="list-style-type: none"> Lamp Source: 150W Xenon lamp Spectral Bandpass: System must offer variable spectral band pass from 1 nm to 20 nm or more, adjustable with computer. Signal-to-Noise Level: 10000:1 RMS or better 						

	<ul style="list-style-type: none"> • Wavelength Range (nm): 200–800 nm or better (applicable for both excitation and emission) • Wavelength Accuracy: ± 0.5 nm or better • Wavelength Reproducibility: ± 0.5 nm or better • Resolution: 1 nm or better resolution • Emission Filters: Computer-assistant filter system to remove higher-order spectral deviations • Wavelength Scanning Speed: 4500 nm/min or higher scan rate • Detector/PMT: High-performance photomultiplier tube covering the whole range of UV (200 to 800 nm or better) • Reference Detector: Standard photo diode/PMT <p>Capability of real-time fluorescence measurements while reaction is in progress with accessories to be quoted in main tender documents as well as separately.</p> <p>Standard Sample Holder: Thermostated holder with temperature control for 10 mm quartz cuvettes.</p> <p>Cuvettes/Cell: four pairs of variable capacity (e.g. 3.5ml, 1.5ml, 50ul, 250ul)</p> <p>Sample holder: both for reflectance and transmission spectra</p> <p>Software and PC requirements</p> <p>PC and Printer: Compatible PC with window 10 OS with i-5 processor, 8 GB RAM, 1TB HDD, 23” LED Screen Monitor, Optical Mouse Colour LaserJet Printer should be quoted along with system.</p> <p>Additional accessories required</p> <p>Filer optical probe for solid and liquid samples Suitable accessories required for analysis of solids, film, powder, liquids</p> <p>Power supply Electrical requirements: 240V, 50Hz.</p> <p>UPS of 2KVA with voltage regulation, spike protection and with minimum thirty minute back up.</p> <p>Standards, safety and Training</p> <ul style="list-style-type: none"> • All calibration standards for instrument should be supplied by the vendor. • The electrical safety conforms to standards for electrical safety IEC-60601/IS-13450 			
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	<ul style="list-style-type: none"> • Preferable compatibility with 21 CFR Part 11 software or better • Should be compliant with IEC 61010-1 : (or any international equivalent , e.g., EN/UL 61010) covering safety requirements for electrical equipment for measurement control and laboratory use. • Onsite comprehensive training for lab staff and support services for at least five working days or till customer satisfaction with the system. • Comprehensive warranty for 5 years CMC of assured supply of accessories and consumables after warranty. • The bidder shall assure supply of spares for a minimum period of 10 years from date of Supply. <p>Documentation:</p> <ul style="list-style-type: none"> • User/Technical/Maintenance manuals to be supplied in English. • List of important spare parts and accessories with their part numbers and costing. • Electronic logbook with instructions for daily, weekly, monthly, and quarterly maintenance checklist. • The job description of operators and service engineers should be clearly spelt out. • Compliance statement should be submitted with relevant literature, specification sheets, brochures. Any deviation from specifications should be clearly mentioned in compliance statement. • Current user's /performance list to be provided. 				
	6). Technical Specifications for FT-Infrared Spectrometer with attenuated total reflection assembly (Schedule-VII)				
	<u>Name of Equipment: FT-IR with ATR arrangement</u>				
	<p>Description of function: FT-IR equipment is required for analysis of constituents, ingredients, additives and humectants in tobacco products. Main technical specifications are given below:</p> <p>OPTICAL SYSTEM</p> <ul style="list-style-type: none"> • The FT-IR system should have vibration isolated base plate to ensure automatic compensation and alignment for water vapour (moisture) and CO₂ <p>Optics:</p> <ul style="list-style-type: none"> • Spectral Resolution: $\pm 0.5 \text{ cm}^{-1}$ or better for full range • Wavelength Precision: 0.01 cm^{-1} or better • Wavelength Accuracy: 0.01 cm^{-1} or better • Signal-to-Noise Ratio: 20000:1 or better <p>The instrument should be capable of use for quantitative and qualitative analysis over a range of (350–7800 nm or wider).</p> <p>Detectors:</p> <ul style="list-style-type: none"> • DTGS/LiTaO₃ Detector or better detectors. • The equipment should have software controlled detector selection for full range of infrared spectral width and temperature control. 				

<p>Measurable Concentration Range: 50 micromolar lower</p> <p>Optical range of source</p> <p>The equipment should cover the range of atleast 250-7800 cm^{-1} or wider with KBr or moisture resistant ZnSe or a better beam splitter system to ensure wave number accuracy of $\pm 0.5 \text{ cm}^{-1}$ or better with a minimum scan speed 16 scan/min or better.</p> <p>Desirable : Portability Sample Types : Liquids, polymers, humectants in the mid IR range Sample interference : Attenuated Total Reflection (ATR) through transmission across variable path length or a better system for analysis of humectants and hydrocarbons in tobacco products.</p> <p>Desiccant (is used)</p> <p>Software controlled long life desiccant system (if used) with suitable status indicating arrangement for desiccant utility.</p> <p>Filled with a desiccated sealed optical unit with KBr or better salt windows.</p> <p>Spectral resolution : $\pm 0.5 \text{ cm}^{-1}$ or better for a full range of IR-spectra Sample compartment : Should be compatible with all types of sample accessories.</p> <p>Cell</p> <p>Universal Demountable Cell</p> <p>Accessories for recording spectra of liquids, pastes, films and solids be quoted both in the main tender document and a separate entity.</p> <p>Optical System: Sealed and desiccated enclosure must be valid for at least 5 years or vendor should certify to provide for replacement of used desiccant required for 5 year from the date of installation.</p> <p>ATR (Attenuated Total Reflectance) Arrangement: Diamond (Monolithic) ATR assembly or should be integrated with the sample compartment for use in the analysis of solids, liquids, gels, pastes, humectants without elaborate sample preparation for tobacco products.</p> <p>Additional accessories</p> <ul style="list-style-type: none"> • 15 tonne press for sample preparation for transmission mode • Evacuatable KBr die (if required) • Agate mortar and pestle (2 numbers) • Pellet holder • Liquid sample cell with compatible syringe to transfer liquid samples. • A Compatible toolkit for regular maintenance of instrument. 			
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	<p>IR Spectral Library with required software to facilitate search of important compounds (please quoted separately).</p> <p>SOFTWARE REQUIREMENTS</p> <ul style="list-style-type: none"> • Windows 10 OS, or latest with complete instrument control & full data processing for quantification with 1TB hard disk, 8GB Ram and 23" monitor with original antivirus software. • A single software platform incorporating functions required for IR analyses, online data acquisition, baseline correction, smoothening plot overlay etc. <p>Computer : i5 processor or better with Win 10 OS Printer : Color Laser Printer Report formats : Quick print facility for graphs, spectra and result of spectral investigation</p> <p>User training : A comprehensive on-site training of laboratory personnel about instrument use and common maintenance and software operation should be provided by the vendor.</p> <p>POWER REQUIREMENTS</p> <p>A UPS 2 KVA to be quoted to provide power backup for minimum thirty minutes backup.</p> <p>STANDARDS, SAFETY AND TRAINING</p> <ul style="list-style-type: none"> • All necessary standards for calibration of instrument should be supplied by the vendor. • The system should be accompanied by the conformity certificate from electrical safety standards as applicable. • Onsite comprehensive training for lab staff and support services till customer satisfaction on use of the system. • Comprehensive warranty for 5 years comprehensive maintenance and 10 year for interferometer laser. • The bidder shall certify to ensure supply of spare consumables for a minimum period of 10 years from the date of installation. <p>Documentation</p> <ul style="list-style-type: none"> • List of important spare parts and accessories with their part number that may be required for daily, weekly, monthly and quarterly maintenance checklist. • User/Technical/Maintenance manuals to be supplied in English. • List of current User's and performance satisfaction data to be provided for reference. 			
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We shall comply with, abide by, and accept without variation, deviation, or reservation all Technical

Specifications including artworks, Quality Assurance and Warranty requirements in the Tender Document, except those mentioned below.

- a)
- b)
- c)

We understand that if contrary terms and conditions are mentioned elsewhere in our bid, same shall not be recognized and shall be null and void.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign bid for and on behalf of

.....
[name & address of Bidder and seal of company]

DA: Relevant documents like technical data, literature, drawings, and other documents

Note: - The technical Specification mentioned in compliance statement above must be same as per the Section VI. (Technical specification) & Amendments (if any).

Form 4: Qualification Criteria – Compliance & Deviation

(Ref ITB-clause 9.2, Schedule IV Qualification Criteria)

(To be submitted as part of Technical bid)

(on Company Letter-head)

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Bidder's Name_____

[Address and Contact Details]

Bidder's Reference No.____

Date.....

Note to Bidders: Furnish statements and documents to confirm conformity to Qualification Criteria may be mentioned/ attached here. The list below is indicative only. You may attach more documents as required for qualification criteria. Add additional details not covered elsewhere in your bid in this regard. Non-submission or incomplete submission of documents may lead to rejection of the bid as nonresponsive. Also highlight in this form deviations, if any, from Section IV: Qualification Criteria.

1.

Ref of Qualification Criteria Clause	Confirmation Yes/No
Clause (a)	
Clause (b)	
Clause (c)	
Clause (d)	
.....	

2. We explicitly confirm that we (M/s.....) as well as our manufacturer (M/s..... & M/s.....) have not been convicted by the Licensing Authority in past three years prior to the date of bid submission. We undertake that in case we are convicted by the Licensing Authority in the due course i.e. after submission of bid but before the date of award of contract, we shall promptly intimate the same to the Tender Inviting Authority.

We undertake that any false information in this regard is liable for punitive actions including blacklisting/ debarring and forfeiture of EMD/PBG, as the case maybe.

3. We confirm that we have service center innos. of states, (complete address of service center and past experience in supply and services of X-Ray system is enclosed). We undertake that any false information in this regard is liable for punitive actions including blacklisting/ debarring and forfeiture of EMD/PBG, as the case maybe.

4. Documents Attached supporting the compliance to qualification criteria:

Sr	Document Attached, duly filled, signed, and copies self-attested
1	
2	
3	

We shall comply with, abide by, and accept without variation, deviation, or reservation all the Qualification Criteria mentioned in the Tender Document, except those mentioned below.

- a)
- b)

We understand that if contrary terms and conditions are mentioned elsewhere in our bid, same shall not be recognized and shall be null and void.

.....
(Signature with date)

.....
(Name and designation)
Duly authorized to sign bid for and on behalf of

.....
[Name & address of Bidder and seal of company]
DA: As above, if any

Form 4.1: PROFORMA FOR PERFORMANCE STATEMENT**(FOR A PERIOD OF LAST 2 YEARS)**

Name of Bidder with Address _____

Manufacturer with Address _____

Tender No. & Date _____

Sr. No. of the Quoted Product _____

Name of the Quoted Product _____

Financial Year 2022-23								
Domestic Purchase Orders								
GST Invoice No. and Date	E-Way Bill No. and Date	Purchase Order No and Date	Description of Goods	Unit	Qty.	Unit Price All Incl.	Total Value	Name of Purchaser with Contact Details
Export Purchase Orders								
Bill of lading/ Airway Bill No. and Date	Any other document issued by Custom Authority	Purchase Order No and Date	Description of Goods	Unit	Qty.	Unit Price All Incl.	Total Value	Name of Purchaser with Contact Details
Financial Year 2023-24								
Domestic Purchase Orders								
GST Invoice No. and Date	E-Way Bill No. and Date	Purchase Order No and Date	Description of Goods	Unit	Qty.	Unit Price All Incl.	Total Value	Name of Purchaser with Contact Details
Export Purchase Orders								
Bill of lading/ Airway Bill No. and Date	Any other document issued by Custom Authority	Purchase Order No and Date	Description of Goods	Unit	Qty.	Unit Price All Incl.	Total Value	Name of Purchaser with Contact Details

Note:

1. The copies of GST invoice and E-way bill against the proof of execution of order for every submitted Purchase Order must be submitted. If GST invoice is not applicable for any Purchase Order, the affidavit to that effect on stamp paper of Rs. 100/- should be submitted.
2. For the supply of export, bidder should submit the copy of invoice, bill of lading/airway bill/any other document issued by custom authority against the proof of execution of order for every submitted Purchase Order.

Signature of Tenderer

Name in Capitals

Date:

Seal:

Signature of Practicing Chartered Accountant

Name in Capitals

Date

Seal

UDIN-

Form 4.2: ANNUAL TURN OVER STATEMENT

The Annual Turnover (Sales) of M/s. _____ for the past three years are given below and certified that the statement is true and correct.

Sl. No.	Financial Year	Turnover in Lakhs (Rs)
1.	2021-2022/ 2022-2023	-
2.	2022-2023 /2023-2024	-
3.	2023-2024 /2024-2025	-

Total - Rs. _____ Lakhs.

Average Turnover Per Annum in the last three years mentioned above -
Rs. _____ Lakh

Date:

Seal:

(Name in Capital)

UDIN-

Signature of Auditor/Chartered Accountant

Form 5: Terms and Conditions - Compliance

(Ref ITB-clause 9.2)

(To be submitted as part of Technical bid)

(on Company Letter-head)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Note to Bidders: Fill up this Form regarding Terms and Conditions in the Tender Document, maintaining the same numbering and structure. Add additional details not covered elsewhere in your bid in this regard.

We shall comply with, abide by, and accept without variation, deviation, or reservation of the entire terms & conditions of tender document including all Corrigendum, Pre-bid Minutes of the Tender Document etc, except those mentioned below.

a)

b)

We understand that if contrary terms and conditions are mentioned elsewhere in our bid, same shall not be recognised and shall be null and void.

.....

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of

.....

.....

[name & address of Bidder and seal of company]

DA: If any, at the option of the Bidder.

Form6: Bid Summary

Bid Summary : M/s.....
CMSS Tender No. :
Tender Name :
CPP/GeM Id No. :
Tender Opening Date :

S.No.	Description																																													
1.	Bidder Information <table border="1"><thead><tr><th>S.No.</th><th>Item Description</th><th>Details</th></tr></thead><tbody><tr><td>1(a)</td><td>Name of Bidder</td><td></td></tr><tr><td>1(b)</td><td>PAN No.</td><td></td></tr><tr><td>1(c)</td><td>GST No.</td><td></td></tr><tr><td>1(d)</td><td>Registered Address</td><td></td></tr><tr><td>1(e)</td><td>Operating Address</td><td></td></tr><tr><td>1(f)</td><td>Telephone No.</td><td></td></tr><tr><td>1(g)</td><td>Emails</td><td></td></tr><tr><td>1(h)</td><td>Name of Person Signing the Bid</td><td></td></tr><tr><td>1(i)</td><td>Designation</td><td></td></tr></tbody></table> Attached Documents <table border="1"><thead><tr><th>S.No.</th><th>Documents</th><th>Reference Bid page No.</th></tr></thead><tbody><tr><td>1(j)</td><td>Bidder Information Form (Form 1.1 of Bid Document)</td><td></td></tr><tr><td>1(k)</td><td>Copy of PAN</td><td></td></tr><tr><td>1(l)</td><td>Copy of GST</td><td></td></tr><tr><td>1(m)</td><td>Copy of Power of Attorney</td><td></td></tr></tbody></table>	S.No.	Item Description	Details	1(a)	Name of Bidder		1(b)	PAN No.		1(c)	GST No.		1(d)	Registered Address		1(e)	Operating Address		1(f)	Telephone No.		1(g)	Emails		1(h)	Name of Person Signing the Bid		1(i)	Designation		S.No.	Documents	Reference Bid page No.	1(j)	Bidder Information Form (Form 1.1 of Bid Document)		1(k)	Copy of PAN		1(l)	Copy of GST		1(m)	Copy of Power of Attorney	
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3	Bid Security/ Bid Securing Declaration																							
	S. No.	Schedule No.	Bid Security/ Bid Securing Declaration Details (Bank Guarantee Number & Date/ NEFT/ RTGS/ Bid Securing Declaration Details)																					
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	3 (b)																							
	3 (c)																							
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	S. No.	Documents	Reference Bid page No.																					
	3 (e)	Bid Security/ Bid Securing Declaration																						
4.	Eligibility Requirement																							
	S.No.	Item Description	Yes/No	If Yes, Details thereof																				
	4 (a)	Blacklisted/Debarred/Banned																						
	4 (b)	Relation with Officials of Procuring Entity																						
	4 (c)	Conflict of Interest																						
	4 (d)	Beneficial Ownership in Land Boarder Sharing Country [GFR Rule 144 (xi)]		DPIIT Registration No. : _____ Dated : _____ Valid Till : _____																				
	4 (e)	MSME Status		Class : Micro/Small/Medium MSME Udhya Reg. No. : _____ Dated : _____ Valid Till : _____ Udhya Registration Classification <table border="1"> <tr> <th>S.No.</th><th>Classification Year</th><th>Enterprise Type</th><th>Classification Date</th></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	S.No.	Classification Year	Enterprise Type	Classification Date																
S.No.	Classification Year	Enterprise Type	Classification Date																					
	4 (f)	Startup		DPIIT Startup Reg. No. : _____ Dated : _____ Valid Till : _____																				

4(g)	Integrity Pact		
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4 (h) Local Content for Item Quoted

Schedule No.	Name of Item	Percentage Local Content	Location of Value Addition

Attached Documents

S. No.	Documents	Reference Bid page No., If Applicable
4 (i)	Eligibility Declaration (Form 1.2 of Bid Document)	
4 (j)	Blacklisting / Debarring/ Banning Order, If Any.	
4 (k)	Details of relationship with procuring entity, If Any.	
4 (l)	Details of Conflict of Interest, If Any.	
4 (m)	Copy of DPIIT Registration Certification under GFR Rule 144 (xi), if Beneficial Ownership in Land Boarder Sharing Country	
4 (n)	MSME Udyam Registration Certificate, If MSE	
4 (o)	DPIIT Startup Registration Certificate, If Startup.	
4 (p)	Statutory Auditors Certificate for Local Content, If Purchase Value More than INR 10 Crore. Local Content Declaration Compliance. (Form 1.3 of Bid Document)	
4(q)	Integrity Pact (Form 1.4 of Bid Document)	

Note: Details in respect of Para 4 to 7 below are to be filled up separately for each of the schedule quoted.

5.	Schedule of Requirement Compliance		
	S.No.	Complies with schedule of Requirement	Yes/No
		If No, Details thereof	
	5 (a)		
	Attached Documents		
	S.No.	Documents	Reference Bid page No.
	5 (b)	Schedule of Requirement- Compliance & Deviation (Form 2 of Bid Document)	
6.	Technical Specification Compliance		
	S.No.	Compliance with Technical Specification as Indicated in the Tender Documents	Yes/No
		If No, Details thereof	
	6 (a)		
	Attached Documents		
	S.No.	Documents	Reference Bid page No.
	6 (b)	Technical Specifications & Quality Assurance- Compliance & Deviation (Form 3 of Bid Document)	
	6 (c)	Deleted	
7.	Terms & Conditions Compliance		
	S.No.	Compliance with Tender Terms & Conditions	Yes/No
		If No, Details thereof	
	7 (a)		
	Attached Documents		
	S.No.	Documents	Reference Bid page No.
	7 (b)	Terms & Conditions Compliance (Form 5 of Bid Document)	

8. **Qualification Criteria Compliance**

S.No.	Description	Details										
8 (a)	Bidder is Manufacturer	If No, Details thereof										
8 (b)	Manufacturing License Details	License No. : _____ License Date : _____ License Validity : _____ Mfg. Address : _____ Issuing Authority : _____										
8 (c)	CDSCO Certificate	Certificate No. : _____ Certificate Date : _____ Certificate Validity : _____ Mfg. Address : _____ Issuing Authority : _____										
8 (d)	NABL 17025 Certificate	Certificate No. : _____ Certificate Date : _____ Certificate Validity : _____ Mfg. Address : _____ Issuing Authority : _____										
8 (e)	ISO 13485 certificate	Certificate No. : _____ Certificate Date : _____ Certificate Validity : _____ Mfg. Address : _____ Issuing Authority : _____										
8 (f)	Past Supplies Details	<table border="1"> <thead> <tr> <th>F.Y.</th><th>Quantity of Similar Items Supplied</th></tr> </thead> <tbody> <tr> <td>2022-23</td><td></td></tr> <tr> <td>2023-24</td><td></td></tr> <tr> <td>2024-25</td><td></td></tr> <tr> <td>Total</td><td></td></tr> </tbody> </table> Chartered Accountant Name : _____ Membership No. : _____ UDIN No. : _____ Date : _____	F.Y.	Quantity of Similar Items Supplied	2022-23		2023-24		2024-25		Total	
F.Y.	Quantity of Similar Items Supplied											
2022-23												
2023-24												
2024-25												
Total												
8 (g)	Manufacturing Capacity	Annual Production Capacity : _____ Mfg. License No. : _____ Licensing Authority Certificate No.: _____ Date : _____ Issuing Authority : _____										

8 (h)	Turnover	<table border="1"> <tr> <td>F.Y.</td> <td>Annual Turnover (Rs.)</td> </tr> <tr> <td>2021-22</td> <td></td> </tr> <tr> <td>2022-23</td> <td></td> </tr> <tr> <td>2023-24</td> <td></td> </tr> <tr> <td>Average Annual Turnover</td> <td></td> </tr> </table>		F.Y.	Annual Turnover (Rs.)	2021-22		2022-23		2023-24		Average Annual Turnover	
		F.Y.	Annual Turnover (Rs.)										
		2021-22											
		2022-23											
		2023-24											
		Average Annual Turnover											
		Chartered Accountant Name : _____											
Membership No. : _____													
UDIN No. : _____													
Date : _____													

Attached Documents

S.No.	Document	Reference Bid Page No.
8 (i)	Manufacturing License	
8 (j)	If the item is not available in IP, Bidder's undertaking that the drug is not available in IP OR any other approve Pharmacopoeia	
8 (k)	CDSCO Certificate	
8 (l)	NABL 17025 Certificate	
8 (m)	ISO 13485 certificate	
8 (n)	Past Supplies Details	
	Past Supplies POs	
	GST Invoices	
	E-way Bills	
	Document issued by Custom Authority, If Applicable	
	Affidavit, If Applicable	
	Past Performance Details in the Prescribed Proforma (Form 4.1 of Bid Document)	
8 (o)	Manufacturing Capacity Certificate	
8 (p)	Annual Turnover Statement in the Prescribed Proforma (Form 4.2 of Bid Document)	

.....

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of.....

[Name & address of Bidder and seal of company]

Form 7: Documents relating to Bid Security.

(Ref ITB-clause 9.2)

Note: To be submitted as part of Technical bid, along with supporting documents, if any.

Submit as Form 7 as part of Technical bid, a Bid Securing Declaration In lieu of bid security in the following format. Bidders exempted from submission of bid security are also required to submit this.

Bid Securing Declaration (Should be notarised on Rs. 100 stamp papers)

(On Company Letter-head)

Bidder's Name _____

[Address and Contact Details] _____

Bidder's Reference No. _____ Date.....

To

DG & CEO, Central Medical Services Society, Ministry of Health and Family welfare,
Government of India, New Delhi

Address: 2nd floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Road,
Opposite Police Station Chanakaya Puri,
New Delhi-110021

Telephones: 011-21410905, 21410906

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Sir/ Madam

We, the undersigned, solemnly declare that:

We understand that according to the conditions of this Tender Document, for MSEs and Startups bidders, the bid must be supported by a Bid Securing Declaration in lieu of Bid Security.

We confirm that we are MSE/Startups and unconditionally accept the conditions of this Bid Securing Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender in Procuring Organisation for 2 years from the date of opening of this bid if we breach our obligation(s) under the tender conditions if we:

1) withdraw/ amend/ impair/ derogate, in any respect, from our bid, within the bid validity;
or

2) being notified within the bid validity of the acceptance of our bid by the Procuring Entity:

- a) refused to or failed to produce the original documents for scrutiny or the required Performance Security within the stipulated time under the conditions of the Tender Document.
- b) Fail or refuse to sign the contract.

We know that this bid-Securing Declaration shall expire if the contract is not awarded to us, upon:

1) receipt by us of your notification

- a) of cancellation of the entire tender process or rejection of all bids or
- b) of the name of the successful bidder or

2) forty-five days after the expiration of the bid validity or any extension to it.

(Signature with date)

.....

(Name and designation)

Duly authorized to sign bid for and on behalf of.....

[name & address of Bidder and seal of company]

Dated on day of [insert date of signing]

Place.....[insert place of signing]

DA:

Form 7A : **Bank Guarantee for EMD (Format)**

Instruction to BG Issuing Bank – The Bank Guarantee should be through SFMS (Structured Financial Messaging System) & the following fields should be filled with the details given below.

FMS Field Number	SFMS Field Details	Details to be filled
7034	Name Of Beneficiary And His Details	CENTRAL MEDICAL SERVICES SOCIETY 2ND FLOOR, VISHWA YUVAK KENDRA CHANKAYA PURI, NEW DELHI-110021
7035	Beneficiary IFSC	HDFC0000003
7036	Beneficiary Branch Name And Address	HDFC Bank Ltd 209-214 KAILASH BUILDING 26 KASTURBA GANDHI MARG NEW DELHI 110001
7037	Sender To Receiver Information	CENTRALYCX

This is captured in both IFN760 COV (BG Issuance) / IFN767 COV (BG Amendment, if any).

[The Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

*[insert **Bank's Name**, and **Address of Issuing Branch or Office**]*

Beneficiary: *[insert **Name and Address of Purchaser**]*

Date: _____

BID GUARANTEE No.: _____

We have been informed that *[insert **name of the Tenderer**]* (hereinafter called “the Tenderer”) has submitted to you its bid dated (hereinafter called “the Bid”) for the execution of *[insert **name of contract**]* under Tender No.....

Furthermore, we understand that, according to your conditions, bids must be supported by a EMD.

At the request of the Tenderer, we *[insert **name of Bank**]* hereby irrevocably under take to pay you any sum or sums not exceeding in total an amount of *[insert **amount in figures**]* (*[insert **amount in words**]*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Tenderer is in breach of its obligation(s) under the bid conditions, because the Tenderer:

- has withdrawn its Bid during the period of bid validity specified by the Tenderer in the Form of Bid; or
- having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or(ii)fails or refuses to furnish the security deposit, in accordance with the Instructions to Tenderer s.
- does not accept the correction of the Bid Price

- d) This guarantee will expire: (a) if the Tenderer is the successful tenderer ,upon our receipt to copies of the contract signed by the Tenderer and the performance security issued to you upon the instruction of the Tenderer ; or(b) if the Tenderer is not the successful tenderer ,upon the earlier of (i) our receipt of a copy of your notification to the Tenderer of the name of the successful tenderer ;or (ii) Twenty Eight days after the expiration of the Tenderer 's Bid.

Consequently, any demand for payment under this guarantee must be received by us at the office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No. 758.

[signature(s)]

Form 7B : **Format of Insurance Surety Bond for Earnest Money Deposit**
(To be executed on Non-Judicial Stamp Paper of Appropriate value)

Insurance Surety Bond No.....

Date:.....

(Name of Contract)

To: (Name and address of Employer)

WHEREAS (name of Bidder) (hereinafter called "the Bidder") has submitted its Bid dated (date of bid) for the performance of the above named Contract (hereinafter called "the Bid")

KNOW ALL PERSONS by these present that We (name of Insurance Company) of.....KNOW ALL PERSONS by these present that We (name of Insurance Company) of..... (address of Insurance Company) (hereinafter called "the Surety"), are bound unto Central Medical Services Society for the sum of..... (amount), for which payment well and truly to be made to the said Purchaser, the Surety binds itself, its successors and assigns by these presents.

THE CONDITIONS of this obligation are as follows:

1. If the Bidder (a) withdraws or modifies its Bid during the period of bid validity, or (b) adopts corrupt or collusive or coercive or fraudulent practices or defaults under Integrity Pact.
2. If the Bidder, having been notified of the acceptance of its Bid by the Employer during the period of bid validity.
(a) fails or refuses to sign the Contract Agreement when required, or
(b) fails or refuses to submit the performance security in accordance with the Tender Documents.

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will mention that the amount claimed by it is due, owing to the occurrence of one or both of the two above-named CONDITIONS, and specifying the occurred condition or conditions.

The Surety declares that this Insurance Surety Bond is issued by the..... (name of Insurance Company) as per the applicable rules and regulations of Insurance Regulatory Development Authority of India (IRDAI).

This Insurance Surety Bond will remain in force up to and including (date 90 days after the period of bid validity), and any demand in respect thereof must reach the Surety not later than the above date.

For and on behalf of the Insurance Company

in the capacity of

Common Seal of the Insurance Company with complete address including Tel. Nos./e-Mail Id. Staff Authority No. of the officer of the Insurance Company/Signatory

INSTRUCTIONS FOR EXECUTION OF INSURANCE SURETY BOND FOR EANESE

MONEY DEPOSIT

1. Insurance Surety Bond for Earnest Money Deposit should be executed on non-judicial Stamp papers of requisite value in accordance with the stamp Act if applicable to that particular state of Indian Union country of executing Insurance Company, where executed. In case the same is issued by an International Insurance Company (it should be registered under insurance Act 1938 or as amended from time to time and approved by the Insurance Regulatory Development Authority of India (IRDAI)) the law prevalent in the country of execution shall prevail for the purpose of Stamp Duty on the Insurance Surety Bond. However, in such a case, the Insurance Surety Bond for Earnest Money Deposit shall be got confirmed by the Bidder through any Indian Scheduled/Nationalized Insurance Company.
2. The executing officers of the Insurance Surety Bond for Earnest Money/Bid Security shall clearly indicate in (block letters) his name, designation, Power of Attorney No./Signing Power No. as well as telephone/ fax numbers with full correspondence address of the issuing Guarantee etc.
3. Each page of the Insurance Surety Bond for Earnest Money Deposit shall be duly signed/initialled by the executing officers and the last page shall be signed in full, indicating the particulars as aforesaid (sub-para 2) under the seal of the Insurance Company
4. Stamp paper shall be purchased in the name of Insurance Company counting the Insurance Surety Bond, after the date 'Notice Inviting Tender', not more than six months prior to execution/issuance of the Insurance Surety Bond. The name of the purchaser should appear at the back side of stamp paper in the Vendors Sing. The issuing insurance Company shall be requested independently for verification/confirmation of the Insurance Surety Bond issued, non-confirmation of which may lead to rejection of 'Insurance Surety Bond'.
5. Irrevocable, valid and fully enforceable Insurance Surety Bond in favour of the Purchaser (Name of Purchaser) issued by any Insurance Company registered under insurance Act amended from time to time and approved by the insurance Regulatory Development Authority of India (IRDA) in Indian currency (INR) only is acceptable to the Purchaser.
6. Insurance Surety and for Bid security in original shall be submitted along with the Bid. However, the issuing Insurance Company shall submit an unstamped duplicate copy of Insurance Surety Bond directly by registered post (A.D.) to the Purchaser (authority inviting tenders) with forwarding letter.

FORM-8

Annexure - Self-Declaration Certificate (Non-Conviction Compliance) (Should be notarised on Rs. 100 stamp papers)

From,
Bidder's Name.....
[Address and Contact Details]
Bidder's Reference No. Date.....

To,
DG & CEO,
Central Medical Services Society,
Ministry of Health and Family welfare, Government of India, New Delhi
Address: 2nd floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Road,
Opposite Police Station Chanakya Puri,
New Delhi-110021, Telephones: 011-21410905, 21410906

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Sir/ Madam,
We, M/s [Full Name of the Company with complete registered address], a company incorporated under the provisions of the [Companies Act, 2013 (or earlier applicable Act)] and having its manufacturing plant at [Full Address] (hereinafter referred to as "the Firm"), do hereby solemnly affirm, declare, and undertake as follows in connection with the aforementioned tender:

i. We have carefully read and understood all the terms and conditions of the tender and Undertake to abide by them;

ii. We hereby confirm and declare that our company or none of the Proprietor/Partners/Directors of our company and quoted products/manufacturing sites of quoted product in this tender have been convicted under the Drugs and Cosmetics Act, 1940, or any rules made thereunder. We further declare that no adverse regulatory actions (including but not limited to warning letters, product recalls, cancellation or suspension of licenses, or issuance of show-cause notices leading to punitive action) have been initiated or taken against our company by the Central Drugs Standard Control Organization (CDSCO) or any State Licensing Authority within the last two (2) years/period leading up to the date of submission of this bid. We further undertake to report to the Tender Inviting Authority (TIA) of CMSS immediately after we are informed but in any case not later 15 days, if any Agency in which

Proprietor/Partners/Directors are Proprietor or Partner or Director of such an Agency which is Banned/suspended in future during the currency of the Contract with you.

iii. We further declare and warrant that our company and quoted product in this tender have not been blacklisted, debarred, or suspended by the Central Medical Services Society or Ministry of Health and Family Welfare, Government of India from participation in its Tender Processes as a whole or for the quoted product.

iv. We hereby undertake and covenant that the information / documents furnished along with the above tender are true and authentic to the best of my knowledge and belief. We are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage during the tender process or during the execution of any succeeding contract besides liabilities towards prosecution under appropriate law. In the event any information, statement, or declaration furnished herein (directly/indirectly) by us is

Subsequently found to be false, incorrect, misleading, or suppressed, the following Consequences shall apply:

(a) Our bid shall be summarily rejected.

(b) Our Firm shall be liable to be blacklisted or debarred from participating in future tenders Issued by CMSS for a period as deemed fit by the Tender Inviting Authority (TIA) of CMSS.

(c) The EMD/Performance Security submitted by our firm in the said tender shall also be liable to be forfeited by CMSS.

(d) We shall be liable for any and all penal actions for violating the Code of Integrity as per the Tender Document.

We understand that this document shall form an integral part of our bid submission.

(Signature with date)

(Name and designation)

Duly authorized to sign bid for and on behalf of

.....

[name & address of Bidder and seal of company]

(Company

Seal

/

Stamp)

FORMATS

Format 1: Letter of Acceptance (Ref Clause 13.2.5 of ITB)

LETTER OF ACCEPTANCE

No: CMSS/PROC/2024-25/___/___

Date

To,

M/s _____

Address: _____

Attn: _____

Phone: _____

Email _____

(Kind Attn: _____ (Name), _____ Designation)

Sub: Acceptance of Tender for supply of _____

Ref: 1) CMSS Tender No. **CMSS/PROC/2024-25/___/___** opened on

_____ 2) Your Ref. No. _____ dated _____ in response to above mentioned tender.

Dear Sir,

I am pleased to inform you that your offer in response to above mentioned tender for supply of _____ has been accepted for following items:

Sc h No.	Items Description	Quanti ty	Unit	Ex- Works per Unit (Rs.)	GS T (%)	GS T (Rs)	Transport & any other charges (Rs.)	Total unit price (all incl) (Rs.)	Grand Total (Rs.)
1									
2									
Grand Total									

- You are requested to deposit Security Deposit @ 3% of the total value by NEFT/ RTGS/ Bank Guarantee/Demand Draft/ Banker's Cheque and enter into an Agreement, as per the format given in **Annexure-X** of the Tender document,

within 15 days from the date of receipt of this letter. The Security Deposit shall be valid for 1260 days from the date of commencement.

3. Please convey your acceptance to this LOA within 03 days of issue, else it will be presumed that you are not keen to accept the LOA and CMSS may proceed for allocation of quantity to other bidder and with other actions stipulated in referred Tender document.
4. All other terms and conditions will be applicable as per Tender document no. CMSS/PROC/2023-24/___/___ and subsequent amendments to it.

GM/Procurement

Annexure A to LOA No:

Supplier: M/s _____

Annexure-A

LIST OF MANUFACTURING LICENSES & SITE ADDRESSES					
Sr. No.	Item Code	Item Description	Manufacturing Site Address	Manufacturing License No.	Remarks
1					
2					
3					

Format 1A: Long Term Agreement (LTA)
(Ref Clause 13.2.5 of ITB)

LONG TERM AGREEMENT (LTA) NO.: CMSS/PROC/2024-25/____/LTA/____

E- STAMP CERTIFICATE NO.:

LTA Validity: From _____ to _____

TERMS OF AGREEMENT

THIS AGREEMENT made the..... day of, year between **Central Medical Services Society, 2nd Floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Marg, Opposite Police Station Chankaya Puri, New Delhi-110021** (here in after "the Purchaser") of the one part and (Name of Supplier) of..... (Address and Country of Supplier) (Here in after called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz;
Procurement of _____

in the Tender Reference No. **CMSS/PROC/2024-25/____/____**,
Dt _____ (Brief Description of Goods and Services) and has accepted a bid by the Supplier for the supply of those goods and services for the sum of..... (Contract Price in Words and Figures) (Hereinafter called "the Contract Price").

WHEREAS the Supplier confirms that it is qualified, ready, willing and able to supply/services the **Procurement of _____**, in accordance with the terms and conditions of this Agreement.

1. DEFINITIONS

Commencement Date means _____

Expiry Date means _____

Products, in singular form Product, means the item(s), as described and detailed above, provided by the Supplier to CMSS from time to time pursuant to this agreement.

Tender means Tender No. Tender No: **CMSS/PROC/2024-25/____/____** from CMSS to the Supplier, to quote for the cost of supply of the Products to CMSS.

Long Term Agreement, as abbreviated to Agreement or LTA, means this Agreement between the Parties, to provide Products, including its Annexure, however with due consideration of the order of precedence among the LTA and individual Annexure.

Parties means CMSS and the Supplier, their successors and assigns and where not repugnant to the context, their servants or agents.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. LTA DOCUMENTS:

The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

- (a) This LTA
- (b) The Notice Inviting Tender
- (c) Terms and Conditions of Tender Document as given in Tender No: **CMSS/PROC/2024-25/___/___**, dt. _____
- (d) The Minutes of Pre-Bid meeting and corrigendum issued.
- (e) Schedule of Requirement.
- (f) The Technical Specification
- (g) The Supplier's Offer including Enclosures, Annexure etc.
- (h) Any other document listed in the supplier's bid and replies to queries, clarifications issued by the purchaser, such confirmations given by the tenderer which are acceptable to the purchaser and the entire Addendum issued as forming part of the contract.
- (i) The Letter of Acceptance issued by the purchaser.
- (j) Integrity Pact

2. PURPOSE OF LTA:

2.1 The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods, the Contract Price at the times and in the manner prescribed by this Agreement.

2.2 Brief particulars of the Products or goods which shall be supplied / provided by the Supplier are as under.

Sc h No .	Items Descript ion	Quantity	Unit	Ex- Works per Unit (Rs.)	GST (%)	GST (Rs)	Transpor t & any other charges (Rs.)	Total unit price (all incl) (Rs.)	Gran d Total (Rs.)
1									
2									
Grand Total									

2.3 The supplier agrees that his supplies are subject to terms and conditions details contained in LTA documents mentioned above. The supplier appreciates that the supplies are meant for public health system in the country and hence will agree to supply the goods of good quality as per standards in a timely manner as specified as per tender terms and conditions. The supplier has already given its no deviation (clause-by-clause compliance) for the subject terms and conditions.

**3 . Manufacturing License and Site
License and Site Address:**

As per Annexure A.

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

Signed, Sealed and Delivered by the said..... (For the Purchaser)
in the presence of

Signature
Name
Address

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

Signature
Name
Address

*Annexure A to LTA No:
Supplier: M/s*

Annexure-A

Annexure A to LTA No:

Supplier: M/s

LIST OF MANUFACTURING LICENSES & SITE ADDRESSES					
Sr. No.	Item Code	Item Description	Manufacturing Site Address	Manufacturing License No.	Remarks
1					
2					
3					

Format 1B: Purchase Order (PO)

(Ref Clause 13.2.5 of ITB)

PURCHASE ORDER**PO No:** CMSS/PROC/2024-25/___/___**Dated:** _____

To,

M/s _____

Address: _____

Attn: _____

Phone: _____

Email _____

Subject: *Purchase Order for supply of* _____
Ref: *Long Term Agreement* **No:** CMSS/PROC/2024-
25/___/___ */LTA/..... dated* _____

Dear Sir,

Please supply following quantities for the items specified as per the technical specifications and terms & conditions of the Long Term Agreement referred above:

Sr. No.	Item Code	Item Description	Quantity Accepted by the Purchaser	Unit	Ex Works Price per Unit (Rs)	GST (%)	GST (Rs)	Transportation Charges (Rs)	Rate Per Unit (Landed Price)(Rs)	Total Value (Rs)	Destination
1											As per Annex 1
2											As per Annex-1

1. All the Terms & Conditions of the Agreement signed by you on acceptance of your tender are applicable.
2. Delivery Period: As per Annexure A of the tender document
3. Manufacturing license as per Annexure A and site address as per Annexure B.
4. Payment Terms: Within 75 days of supplies in respect of items requiring sterility tests and within 60 days of supplies for other items.

General Manager (Procurement)

Copy to :

1. General Manager (LSC), CMSS
2. General Manager (QA), CMSS
3. General Manager (Finance), CMSS
4. All Consignees (CMSS Warehouses) concerned.

Annexure-A

Annexure A to PO No:

Supplier: M/s

CONSIGNEE-LIST						
Sr. No.	Item Description	Consignee Location	Consignee Address	Quantity	UOM	Remarks
1						
2						
3						

Annexure-B

Annexure B to PO No:

Supplier: M/s

LIST OF MANUFACTURING LICENSES & SITE ADDRESSES					
Sr. No.	Item Code	Item Description	Manufacturing Site Address	Manufacturing License No.	Remarks
1					

2					
3					

Format 1.1: **Bank Guarantee Format for Performance Security**

Instruction to BG Issuing Bank – The Bank Guarantee should be through SFMS (Structured Financial Messaging System) & the following fields should be filled with the details given below.

FMS Field Number	SFMS Field Details	Details to be filled
7034	Name Of Beneficiary And His Details	CENTRAL MEDICAL SERVICES SOCIETY 2ND FLOOR, VISHWA YUVAK KENDRA CHANKAYA PURI, NEW DELHI-110021
7035	Beneficiary IFSC	HDFC0000003
7036	Beneficiary Branch Name And Address	HDFC Bank Ltd 209-214 KAILASH BUILDING 26 KASTURBA GANDHI MARG NEW DELHI 110001
7037	Sender To Receiver Information	CENTRALYCX

This is captured in both IFN760 COV (BG Issuance) / IFN767 COV (BG Amendment, if any).

(Ref Clause 9.4 of ITB and clause 5.8 of GCC)

To

DG & CEO, Central Medical Services Society, Ministry of Health and Family welfare,
Government of India, New Delhi
Address: 2nd floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Road,
Opposite Police Station Chanakaya Puri,
New Delhi-110021

Telephones: 011-21410905, 21410906

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Whereas..... (name and address of the contractor) (hereinafter called “the contractor”) has undertaken, in pursuance of contract no date..... to supply (description of goods and Works/ Services) (hereinafter called “the contract”).

And Whereas you have stipulated it in the said contract that the contractor shall furnish you with a bank guarantee by a Commercial bank for the sum specified therein as security for compliance with its obligations as per the contract;

And Whereas we have agreed to give the contractor such a bank guarantee.

Now Therefore we hereby affirm that we are guarantors and responsible to you, on behalf of the contractor, 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 contractor 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 contractor before presenting us with 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 contractor 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 until theday of20.....

Our.....branch at.....*(Name & Address of the*(branch) is liable to pay the guaranteed amount depending on the filing of a claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our* branch a written claim or demand and received by us at our* branch on or before Dt..... otherwise, the bank shall be discharged of all liabilities under this guarantee after that.

(Signature of the authorized officer of the Bank)

.....

.....

Name and designation of the officer

.....

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

*Preferably at the headquarters of the authority competent to sanction the expenditure for the procurement of goods or at the concerned district headquarters or the state headquarters.

CONTRACT

**Annual CM Contract No.
Between**

dated

**(Address of Head of Hospital)
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)

In continuation to the above referred contract

1	2	4								5
S.No.	BRIEF DESCRIPTION OF GOODS	Annual Comprehensive Maintenance Contract Cost one Unit year wise*. (in INR inclusive of all applicable taxes)								Total Annual Comprehensive Maintenance Contract Cost for 8 Years (4a+4b +4c+4d+4e+4f+ 4g+4h) (in INR
		1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	
		a	b	c	d	e	f	g	h	

										inclusive of all applicable taxes)

- a) The Contract of Annual Comprehensive Maintenance is hereby concluded as under: -

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

- b) The CAMC 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 CAMC)

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

- d) There will be 98% uptime warranty during CAMC period on 48 (hrs) X 7(days) X 365 (days) basis, with penalty(As per clause no 18), to extend CAMC period by double the downtime period.

- e) During CAMC 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. Four Preventive maintenance should be done in a year (which includes 2 major PM and 2 minor visit for maintenance). Preventive Maintenance Service should be done every quarter.

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

- g) The bank guarantee valid till _____ [(fill the date) 2 months after expiry of entire CAMC period] for an amount of Rs. _____ [(fill amount) equivalent to 5 % of the cost of the equipment as per contract] shall be furnished in the prescribed format given in Section XV of the TE document, along with the signed copy of Annual CMC within a period of 21 (twenty one) days of issue of Annual CMC failing which the proceeds of Performance Security shall be payable to the TIA/Consignee.

- h) If there is any lapse in the performance of the CAMC as per contract, the proceeds Annual CMC bank guarantee for an amount of Rs. _____ (equivalent to 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:

(Signature, name and address Of Hospital authorised official)
For and on behalf of Received and accepted this contract

(name of the consignee i.e. Hospital authorised official)

(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:

Format 1.2: No Claim Certificate

(Refer Clause 12.3.1 of GCC)

(On company Letter-head)

Contractor's Name _____

[Address and Contact Details]

Contractor's Reference No. _____

Date.....

To

DG & CEO, Central Medical Services Society,
Ministry of Health and Family Welfare,
Government of India, New Delhi
Address: 2nd floor, Vishwa Yuvak Kendra,
Pt. Uma Shankar Dikshit Marg, Teen Murti Road, Opposite Police Station Chanakya Puri,
New Delhi-110021
Telephones: 011-21410905, 21410906

No Claim Certificate

Sub: Contract Agreement no. ----- dated -----for the supply of -----

We have received the sum of Rs. (Rupees
only) as final settlement due to us for the
supply of _____
under the abovementioned contract agreement.

We have received all the amounts payable to us with this payment and have no
outstanding dispute of any description whatsoever regarding the amounts worked out as
payable to us and received by us.

We hereby unconditionally and without any reservation whatsoever, certify that we shall
have no further claim whatsoever, of any description, on any account, against the Procuring
Entity, under contract above. We shall continue to be bound by the terms and conditions of
the contract agreement regarding its performance.

Yours faithfully,

Signatures of contractor or
officer authorised to sign the contract documents.
on behalf of the contractor

(company Seal)

Date: _____

Place: _____

Format 1.3: Certification by Prospective Arbitrators

(Ref Clause 11.5.4 of GCC)

To

DG & CEO, Central Medical Services Society,
Ministry of Health and Family welfare, Government of India, New Delhi
Address: 2nd floor, Vishwa Yuvak Kendra,
Pt. Uma Shankar Dikshit Marg, Teen Murti Road,
Opposite Police Station Chanakaya Puri,
New Delhi-110021
Telephones: 011-21410905, 21410906

Certification by Prospective Arbitrators

1. Name: _____

2. Contact Details: _____

3. I hereby certify that I am retired officer of *[Name of Organisation]* retired as _____ in _____ grade.

4. I have no past or present relationship concerning the subject matter in dispute, whether financial, business, and professional or another kind.

Or

I have past or present relationships concerning the subject matter in dispute, whether financial, business, professional or another kind. The list of such interests is as under:-----

5. I have no past or present relationship/ interest financial, business, professional or other, in any of the parties, which may raise justifiable doubts about my independence or impartiality in terms of the Arbitration and Conciliation Act 1996 amended from time to time.

Or

I have past or present relationship/ interest financial, business, professional or other, in any of the parties, which may raise justifiable doubts about my independence or impartiality in terms of the Arbitration and Conciliation Act 1996 as amended from time to time. The details of such relationship or interest are as under:-----

6. There are no concurrent circumstances that are likely to affect my ability to devote sufficient time to the arbitration and finish the entire arbitration within twelve months.

Or

Some circumstances are likely to affect my ability to devote sufficient time to the arbitration and finish the entire arbitration within twelve months. The list of such circumstances is as under:-----

Signature)

(Name & Designation)

Format 2: Authorization for Attending Pre-bid Conference

(Refer ITB-Clause 8)

(on Company Official Letter Head)

Bidder's Name _____

[Address and Contact Details]

Bidder's Reference No. _____ Date.....

To

DG & CEO, Central Medical Services Society, Ministry of Health and Family welfare,
Government of India, New DelhiAddress: 2nd floor, Vishwa Yuvak Kendra, Pt. Uma Shankar Dikshit Marg, Teen Murti Road,
Opposite Police Station Chanakaya Puri,
New Delhi-110021

Telephones: 011-21410905, 21410906

Ref: Your Tender Document No. Tender No./ xxxx; Tender Title: GOODS

Subject: Authorization for attending Pre-bid Conference on _____ (date).

Following persons are hereby authorized to attend the Pre-bid Conference for the tender
mentioned above on behalf of _____

(Bidder) in order of preference given below.

Sr.	Name	Government Photo ID Type/ Number
I.		
II.		
Alternate Representative		

*Note:**1. Maximum of two representatives (carrying valid Government photo IDs) shall be permitted to attend the Pre-bid opening. An alternate representative shall be permitted when regular representatives are not able to attend.**2. Permission to enter the hall where the pre-bid conference is conducted may be refused if authorization as prescribed above is not submitted.*

Signatures of bidder

or

Officer authorized to sign the bid.

Documents on behalf of the bidder

[name & address of Bidder and seal of company]

Format 3: Performa for Satisfactory installation & Final Acceptance Certificate by the Consignee

No_____

Date_____

To

M/s _____

Subject: Certificate of commissioning of equipment/plant.

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

(a) Contract _____ No_____ dated_____

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

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

(d) Quantity: _____

(e) Bill of Loading/Air Way Bill/Railway Receipt/ Goods Consignment Note
no_____ dated _____

(f) Name _____ of _____ the
vessel/Transporters:_____

(g) Name _____ of _____ the
Consignee:_____

(h) Date _____ of _____ Delivery:-

(i) Date of Installation/ commissioning and proving test:

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

The supplier has fulfilled its contractual obligations satisfactorily.

(Signature)

(Name)

(Designation with stamp)

Format 4: OEM's Authorization

(On Company Letter Head)

(To be submitted as part of Technical bid)

OEM's Name _____

[Address and Contact Details]

OEM's Reference No. _____ Date.....

The President of India, through

Head of Procurement

Procuring Organization

[Complete address of the Procuring Entity]

Dear Sirs,

Ref. Your Tender Document No. Tend No./ xxxx; Tender Title: GOODS

1) We, -----, are proven and reputable manufacturers of the Tendered Goods. We have factories at----- We hereby authorize Messrs.'------(name and address of the authorized dealer) to submit a bid, process the same further and enter into a contract with you against above referred Tender Process for the supply of above Goods manufactured by us. Their registration number with us is, dated/ since.....

2) We further confirm that no Contractor or firm of individual other than Messrs. (name and address of the above- authorized dealer) is authorized for this purpose.

3) As principals, we commit ourselves to extend our full support for warranty obligations, as applicable as per the Tender Document, for the Goods and incidental Works/Services offered for supply by the above firm against this Tender Document.

4) Our details are as under:

(a) Name of the Company:.....

(b) Complete Postal Address:

(c) Pin code/ZIP code:

(d) Telephone nos. (with country/area codes):

(e) Fax No.: (with country/area codes):

(f) Mobile Nos.: (with country/area codes):

(g) Contact persons/ Designation:

(h) Email IDs:

5) We enclose herewith, as appropriate, our ----- (Bye-Laws/Registration Certificate/Memorandum of Association/Partnership Agreement/Power of Attorney/Board Resolution)

Yours faithfully,

.....

[signature with date, name, and designation]

for and on behalf of Messrs.....

[Name& address of the OEM and seal of company]

Documents Attached: As above

PDF Price Bid

The bidder is requested to submit the signed & stamped copy of price bid (PDF format) in following format with financial bid sheet on CPP portal

Part-1

Schedule - I

Name of Item:- HPLC-with Photodiode Array (PDA) Fluorescence detector (FLD), and refractive Index detector .

NUM BER #	TEXT #	TEXT #	NUM BER #	TE XT #	TEXT #	NUMBE R #	NUMBE R #	NUMBER #	TEXT #
Sr. No.	Item Description	Locat ion	Tende red Quant	Uni ts	Ex work Price (₹)	DDU Unit price (In Figures) (₹)	Duties and Taxes (In Figures) (₹)	DDP unit price (In Figures) (₹)	DDP unit price (In Words) (₹)
1	2	3	4	5	6	7	8	9=7+8	10=9
1	HPLC-with Photodiode Array (PDA) Fluorescence detector (FLD), and refractive Index detector (With Three Year Warranty)	Secti on V – B	03	Nos					
	CMC for 4th year		03						
	CMC for 5th year								
	CMC for 6th year								
	CMC for 7th year								
	CMC for 8th year years)								

Part-2

List of the consumables with Price:-

Sr. No	Name of Consumable Item	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
..		

Part-3

List of the Major & minor spare parts with Price:-

Sr. No	Name of Major & minor spare Parts	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
...		

Part-1

Schedule - II

Name of Item:- **GC-MS/MS.**

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sr. No.	Item Description	Location	Tendered Quant	Units	Ex work Price (₹)	DDU Unit price (In Figures) (₹)	Duties and Taxes (In Figures) (₹)	DDP unit price (In Figures) (₹)	DDP unit price (In Words) (₹)
1	2	3	4	5	6	7	8	9=7+8	10=9
1	GC-MS/MS (With Three Year Warranty)	Section V – B	03	Nos					
	CMC for 4th year		03						
	CMC for 5th year								
	CMC for 6th year								
	CMC for 7th year								
	CMC for 8th year								
	years)								

Part-2

List of the consumables with Price:-

Sr. No	Name of Consumable Item	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
..		

Part-3**List of the Major & minor spare parts with Price:-**

Sr. No	Name of Major & minor spare Parts	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
...		

Part-1

Schedule - III

Name of Item:- LC-MS/MS.

NUM BER #	TEXT #	TEXT #	NUM BER #	TE XT #	TEXT #	NUMBE R #	NUMBE R #	NUMBER #	TEXT #
Sr. No.	Item Description	Locat ion	Tende red Quant	Uni ts	Ex work Price (₹)	DDU Unit price (In Figures) (₹)	Duties and Taxes (In Figures) (₹)	DDP unit price (In Figures) (₹)	DDP unit price (In Words) (₹)
1	2	3	4	5	6	7	8	9=7+8	10=9
1	LC-MS/MS (With Three Year Warranty)	Section V – B	03	Nos					
	CMC for 4th year		03						
	CMC for 5th year								
	CMC for 6th year								
	CMC for 7th year								
	CMC for 8th year years)								

Part-2

List of the consumables with Price:-

Sr. No	Name of Consumable Item	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
..		

Part-3

List of the Major & minor spare parts with Price:-

Sr. No	Name of Major & minor spare Parts	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
...		

Part-1

Schedule - IV

Name of Item:- ICP-MS with microwave digestion system.

NUM BER #	TEXT #	TEXT #	NUM BER #	TE XT #	TEXT #	NUMBE R #	NUMBE R #	NUMBER #	TEXT #
Sr. No.	Item Descriptio n	Locat ion	Tende red Quant	Uni ts	Ex work Price (₹)	DDU Unit price (In Figures) (₹)	Duties and Taxes (In Figures) (₹)	DDP unit price (In Figures) (₹)	DDP unit price (In Words) (₹)
1	2	3	4	5	6	7	8	9=7+8	10=9
1	ICP-MS with microwave digestion system (With Three Year Warranty)	Section V – B	03	Nos					
	CMC for 4th year		03						
	CMC for 5th year								
	CMC for 6th year								
	CMC for 7th year								
	CMC for 8th year								
	years)								

Part-2

List of the consumables with Price:-

Sr. No	Name of Consumable Item	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
..		

Part-3

List of the Major & minor spare parts with Price:-

Sr. No	Name of Major & minor spare Parts	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
...		

Part-1

Schedule -V

Name of Item:-Spectro fluorophotometer

NUM BER #	TEXT #	TEXT #	NUM BER #	TE XT #	TEXT #	NUMBE R #	NUMBE R #	NUMBER #	TEXT #
Sr. No.	Item Descriptio n	Locat ion	Tende red Quant	Uni ts	Ex work Price (₹)	DDU Unit price (In Figures) (₹)	Duties and Taxes (In Figures) (₹)	DDP unit price (In Figures) (₹)	DDP unit price (In Words) (₹)
1	2	3	4	5	6	7	8	9=7+8	10=9
1	Spectro fluorophot ometer (With Three Year Warranty)	Section V – B	03	Nos					
	CMC for 4th year		03						
	CMC for 5th year								
	CMC for 6th year								
	CMC for 7th year								
	CMC for 8th year years)								

Part-2

List of the consumables with Price:-

Sr. No	Name of Consumable Item	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
..		

Part-3

List of the Major & minor spare parts with Price:-

Sr. No	Name of Major & minor spare Parts	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
...		

Part-1

Schedule -VI

Name of Item :- FTIR with ATR Arrangement

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sr. No.	Item Description	Location	Tendered Quant	Units	Ex work Price (₹)	DDU Unit price (In Figures) (₹)	Duties and Taxes (In Figures) (₹)	DDP unit price (In Figures) (₹)	DDP unit price (In Words) (₹)
1	2	3	4	5	6	7	8	9=7+8	10=9
1	FTIR with ATR Arrangement (With Three Year Warranty)	Section V – B	03	Nos					
	CMC for 4th year		03						
	CMC for 5th year								
	CMC for 6th year								
	CMC for 7th year								
	CMC for 8th year years)								

Part-2

List of the consumables with Price:-

Sr. No	Name of Consumable Item	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
..		

Part-3

List of the Major & minor spare parts with Price:-

Sr. No	Name of Major & minor spare Parts	Price (Excluding GST)
1.		
2.		
3.		
4.		
5.		
...		

Note:

- (i). The bidder is requested not to change the format of price bid and submit their price bid in the above format only.
- (ii). For quoting the price of Equipment (Schedules 1-VI) with 3 years warranty and Consumable.
- (iii). The financial bid format submitted by CMSS during tender advertisement in excel sheet & PDF format is dummy sheet only and the bidder is requested to submit their financial bid in the above format (PDF) only, which will be considered for evaluation purpose. The price details submitted by the bidder in excel sheet will not be considered for bid evaluation purpose.
- (iv). The Bidder has to submit the financial bid of all the quoted Equipment's as per the above format in Part1 Part2 & Part 3.
- (v). The Price of Consumable and spare parts (Part-2 & Part-3) will be fixed for 8 years from the date of LTA.