

TENDER NO: NAL/PUR/ACD/125/21-Z [G] Date: 12-Jan-2022

TENDER DOCUMENT

FOR

PROCUREMENT OF STATIC UNIVERSAL TESTING MACHINE

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
NATIONAL AEROSPACE LABORATORIES
PB NO.1779, HAL AIRPORT ROAD, BENGALURU – 560017
KARNATAKA-INDIA



Council of Scientific and Industrial Research National Aerospace Laboratories PB No.1779, HAL Airport Road, Bengaluru – 560 017, Karnataka-India Tel #: 00 91 80 25086040/6041 Fax #: 00 91 80 25269611

Email: purchasek@nal.res. in Website: www.nal.res.in

Invitation for e-Bids / Notice Inviting e-Tender

CSIR-National Aerospace Laboratories (NAL), Bengaluru, India is one of the premier laboratories under Council of Scientific and Industrial Research, an autonomous body under Department of Scientific and Industrial Research (Government of India), New Delhi. CSIR-NAL is a Science and Knowledge based Research, Development and Consulting Organization. It is internationally known for its excellence in Scientific Research in Aerospace Engineering.

The Director, CSIR-NAL invites sealed bids from the Manufacturers, their distributors and Indian Agent of Foreign Principals, if any, for the procurement of the following Goods/Services for its day-to-day research. The Technical specifications, Allied requirements and scope of supply are given in **Chapter 4** appended herewith.

Sr. No.	Tender No. Brief Description of item(s)		Unit	Quantity	Single / Two Bid
1	NAL/PUR/ACD/125/21-Z [G]	Procurement of Static Universal Testing Machine	Chapt	s as per er-4 and BoQ	Two

- 1. E-Bids are invited through the electronic tendering process and the Tender Document can be downloaded from the e-Tender Central Public Procurement Portal (CPPP) of Government of India, https://etenders.gov.in. The submission of e-Bids will be only through the e-Tender portal https://etenders.gov.in. Bids will not be accepted in any other form.
- 2. Interested Bidders may obtain further information from the office of the:

Sr. Controller of Stores & Purchase

Purchase Section

CSIR- National Aerospace Laboratories

PB No.1779, HAL Airport Road, Kodihalli, Bengaluru - 560017

Karnataka-India

Tel #: 080 25086040/6041/6044

Fax #: 080 25269611

Email: purchasek@nal.res.in, mkala@nal.res.in

- 3. The prospective bidders should adhere to deadlines specified in Tender Details Screen corresponding to this Tender on E-Tender portal https://etenders.gov.in.
- 4. The Interested bidders should submit/upload Non-Disclosure Agreement (NDA) on E-Tender portal https://etenders.gov.in as scheduled below before attending the pre-bid meeting and the bidders who have submitted NDA only will be able to participate in the pre-bid Meeting and those bidders only can submit the tender. The other bids will be rejected, if submitted. NDA to be printed/executed on company's letter-head and signed by the bidders on both sides of each page.

Successful Bidder should submit NDA duly registered as per Stamp Act of India before placement of Purchase Order.

	Date	Time in hours (IST)	
Submission of NDA [on or before]	——— NOT APF	NOT APPLICABLE	
Approval of NDA			

5. (a) A Pre-Bid Conference (PBC) will be held as mentioned below (as the case may be):

	Date	Time in hours (IST)	Venue
Pre-Bid Conference	_	NOT APPLICAB	LE

Bidders desirous of attending Pre-bid meeting are required to provide the following details: -

- 1. Bidders Name & address
- 2. Name, designation & mobile number of the representative (s) attending the meeting.
- 3. E-mail ID to which the meeting invitation to be sent.
- 4. Pre-bid queries, if any.

The above information should be sent by e-mail to mkala@nal.res.in / purchasek@nal.res.in on or before......

- (b) No Queries, suggestions or representation made after the PBC will be entertained. Changes made to the bidding document subsequent to PBC shall be treated as amendment to the bidding document and hosted in the CPP Portal/Purchase Website.
- (c) The Prospective bidders are requested to take cognizance of the amendments made, if any before submitting the quote which will be hosted on CSIR-NAL Website and CPP Portal before formulating and submitting the bids.

6. The Bid prepared by the Bidder shall include the following:

ic bid i	e bld prepared by the bldder shall include the following.			
	Bid Security (BS) / Earnest Money Deposit (EMD)			
a)	EMD Amount: NIL			
	(OR) Bidder is claiming exemption as per provisions specified in the Tender document then the bidder has to furnish/submit BID SECURING DECLARATION as per FORMAT specified in Chapter-8, Annexure-B.			
b)	The Bid Security Declaration in the name of "The Director, National Aerospace Laboratories, Bengaluru" to be part of the Technical Bid, without which the bid is liable to be rejected. For further details, refer Tender document.			
c)	The Bid Security/Earnest Money Deposit shall be deposited through Bank Guarantee/Demand Draft drawn in favour of "The Director, National Aerospace Laboratories, Bengaluru". The original Bid Security/EMD must be delivered to address mentioned in Sr. No.2 above or before bid submission date and time as mentioned in "Date Sheet" failing which the bid shall be summarily rejected. For further details, refer Clause No.1.16 of Tender document			
d)	Forms as specified in Chapter No.8			

7. The Schedule for Submission of e-Bids and Opening of e-Bids is as follows:

Date & Time of S	Submission of	Date and Time of Opening of		
e-Bi	d	e-Bid		
Date	Time (IST)	Date	Time (IST)	
10-Feb-2022	10:00 Hrs	11-Feb-2020	11:00 Hrs	

8. Government of India's Public Procurement Policies are binding in CSIR-NAL, as the case may be. Therefore, the Bidders are requested to refer to the instruction/guidelines as and when issued regarding Government of India Procurement Policies for Make in India and MSE issued by Ministry of Commerce and Industry, Department of Industrial Policy and Promotion (DPIIT) and Ministry of Finance. The onus for ensuring compliance to the provisions of the Policy notifications keeping in view the requirements under this Tender document entirely rests with the Bidder.

Although provisions related to Government's public procurement purchase preference policy are briefly stated in the tender document under relevant clauses, any bidder seeking exemptions / benefits / preferences under MSEs / Start Up India / Make in India / DPIIT, Ministry of Commerce and Industry policy or any other policy / scheme of the Government of India, which is currently in force MUST at the

time of bidding itself declare its bidding status and the benefit/preference sought under the relevant policy of the Government and enclose all related documents / certificates etc. for claiming such benefits. The bidder must also clearly highlight the provisions of the policy with respect to the benefit/preference being sought by it for which it meets the eligibility conditions. Any exemption of DPIIT Order of at the discretion of the Competent Authority of CSIR.

IF THE BIDDER FAILS TO DECLARE ITS STATUS AND/ OR FAILS TO CLAIM THE POLCIY BENEFIT/ PREFERENCE/ EXEMPTION ETC. AND/ OR FAIL TO SUBMIT NECESSARY DOCUMENTS/ CERTIFICATES IN SUPPORT OF ITS CLAIM AT THE TIME OF BIDDING ITSELF, ITS CLAIM SHALL NOT BE ENTERTAINED AT A LATER STAGE IN THE BIDDING PROCESS AND NO OPPORTUNITY SHALL BE PROVIDED TO IT TO SUBMIT ANY DOCUMENT/ CERTIFICATE IN SUPPORT OF ITS CLAIM AS IT VIOLATES THE TENDERING PROCESS.

- 9. (a) In case of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/ dealer. There can be only one bid from the following:
 - i) The Principal manufacturer directly or through one Indian agent on his behalf; and
 ii) Indian/foreign agent on behalf of only one principal.
 - (b) Foreign Bidders must disclose the name and address of agent and representative in India and Indian bidder must disclose their foreign principal or associates.
 - (c) If bidder is Indian Agent of Foreign Principal, the following instruction shall be complied and as amended from time to time as on the date of issue of Tender:
 - i) Bidder must necessarily comply with conditions of "Make in India" Order No. F-45021/2/2017-PP (BE-II) dated 16-Sep-2020 of Ministry of Commerce and Industry, Government of India, as amended from time to time on the date of issue of Tender.
 - ii) The Bidder shall comply with restrictions under Rule 144(xi) of the GFR 2017 related to restrictions on participation of Foreign Bidders and their Authorised Indian Agent/Dealer in terms of Order No.P-45021/112/2020-PP(BE-II) (E-43780) dated 24-Aug-2020 of the Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, as amended from time to time as on the date of issue of Order.
- 10. The bids of those bidders failing to comply the following clauses will be summarily rejected.
 - (a) The bidders proposing to supply finished products directly/indirectly from Bidders of Countries sharing the land border with India should submit copy of registration done with the Ministry of Home Affairs and Ministry of External Affairs.
 - (b) If the products supplied are not from Bidders of Countries sharing Land border with India, the Bidders should enclose a declaration
 - (c) The debarment of a Bidder/Vendor in this tender, if any, is reciprocal of that Principal's Country, if it is Import.
- 11. The Director, CSIR-National Aerospace Laboratories (NAL), Bengaluru, India reserves the right to accept or reject any bids or accept all tenders either in part or in full or to split the order, or to annul the bidding process without assigning any reasons there for.

Controller of Stores & Purchase For and behalf of CSIR

General Instructions to Bidders: -

- O1. For participation in e-procurement all bidders (including Foreign bidders) need to enroll themselves on the CPP Portal (https://www.etenders.gov.in). Only enrolled/registered bidders with the said portal shall be allowed to participate in the e-tendering process.
- O2. Tender Documents may be downloaded from Central Public Procurement Portal https://www.etenders.gov.in. Aspiring Bidders who have not enrolled/ registered in e-procurement should enroll/ register before participating through the website https://www.etenders.gov.in. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.
- O3. Tenderers can access tender documents on the website (For searching in the NIC site https://www.etenders.gov.in, kindly go to Tender Search option, select tender type and select 'Council of Scientific and Industrial Research' in organization tab and select NAL-Bengaluru-CSIR' in department type Thereafter, Click on "Search" button to view all CSIR-NAL, Bengaluru tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website https://www/etenders.gov.in as per the schedule.
- 04. The Bidders should have Java 8 update 231 version-32 bit for uploading the bid in the CPP Portal.
- O5. Purchase Section, CSIR-NAL neither operates nor manages the CPP Portal where online bids are submitted and therefore will not be responsible for any technical issues related to bid submission (viz., being not being able to upload bid, blank/missing/part documents etc.,). If bid is incomplete on account of these, it will be treated as such and evaluated further. For any technical queries/issues related to online bid submission, Bidders must directly approach support service of CPP Portal as per the details given on their website.

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CHAPTER - 1

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A Introduction

Instructions to bidder are broad guidelines to be followed while formulating the bid and its submission to the Purchaser. It also describes the methodology for opening and evaluation of bids and consequent award of contract. Instructions applicable for Import of Goods (Global Tender Enquiry) need not be applicable for Domestic Tender Enquiry and those may be ignored.

1.1. Eligible Bidders

- 1.1.1 This Invitation for Bids is open to all suppliers. However, only Class-I and Class-II local suppliers are eligible to participate in Domestic Tender. Any bidder from foreign country can participate in Global Tender Enquiry subject to clause 1.1.3 below. Mode of procurement is whether Domestic Tender or Global Tender Enquiry is specified in NIT.
- 1.1.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.
- 1.1.3 Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods or services, only if the bidder is registered with the Competent Authority as specified in Ministry of Finance (GoI) Order No.6/18/2019 PPD dated 23rd July 2020 and as amended from time to time
- 1.1.4. Bidders who fulfil the Eligibility Criteria mentioned in Chapter 6 will be considered for Technical Evaluation of bids.
- 1.1.5 The bidders who have been temporarily suspended or removed from the list of registered suppliers by the purchaser or banned from Ministry/country wide procurement **shall be ineligible** for participation in the bidding process.

1.2 Cost of Bidding

1.2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and "the Purchaser", will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

1.3 Code of Integrity

1.3.1 The bidders/suppliers should sign a declaration about abiding by the Code of Integrity for Public Procurement and submit it in the form as per **Chapter-8: Annexure-H** along with bid documents. In case of any transgression of this code, the bidder is not only liable to be removed from the list of registered suppliers, but it would be liable for other punitive actions such as cancellation of contracts, banning and blacklisting or action by Competition Commission of India, and so on.

1.3.2 Code of integrity for Public Procurement:

The Purchaser as well as bidders, suppliers, contractors and consultants should observe the highest standard of ethics and should not indulge in the following prohibited practices, either directly or indirectly, at any stage during the procurement process or during execution of resultant contracts:

i)	"Corrupt practice"	making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;
ii)	"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. This includes making false declaration or providing false information for participation in a tender process or to secure a contract or in execution of the contract;

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iii)	"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 purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels;
iv)	"coercive practice"	harming or threatening to harm, persons or their property to influence their participation in the procurement process or affect the execution of a contract;
v)	"conflict of interest":	participation by a bidding firm or any of its affiliates that 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 the bidding firm or their personnel have relationships or financial or business transactions with any official of purchaser 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 purchaser with an intent to gain unfair advantage in the procurement process or for personal gain; and
vi)	"Obstructive practice"	materially impede the purchaser'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 threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the purchaser's Entity's rights of audit or access to information;
vii)	Collusive practice	means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive levels.

1.3.2. The Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.

1.3.3 Obligations for Proactive disclosures

i)	The Purchaser as well as bidders, suppliers, contractors and consultants, are obliged under		
	Code of Integrity for Public Procurement to sue-moto proactively declare any conflicts of		
	interest (coming under the definition mentioned above – pre-existing or as and as soon as		
	these arise at any stage) in any procurement process or execution of contract. Failure to do		
	so would amount to violation of this code of integrity; and		
ii)	The bidder must declare, whether asked or not in a bid document, any previous		
	transgressions of such a code of integrity with any entity in any country during the last three		
	years or of being debarred by any other Procuring Entity. Failure to do so would amount to		
	violation of this code of integrity;		
iii)	To encourage voluntary disclosures, such declarations would not mean automatic		
	disqualification for the bidder making such declarations. The declared conflict of interest		
	would be evaluated and mitigation steps, if possible, taken by the purchaser.		

1.3.4 Punitive Provisions

Without prejudice to and in addition to the rights of the Purchaser to other penal provisions as per the bid documents or contract, if the Purchaser comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the purchaser may take appropriate measures including one or more of the following:

i)	If bids are under consideration in any procurement:	
	a)	Forfeiture or encashment of bid security;

	b)	Calling off of any pre-contract negotiations; and
	c)	Rejection and exclusion of the bidder from the procurement process.
ii)	If a	contract has already been awarded
	a)	Cancellation of the relevant contract and recovery of compensation for loss
		incurred by the purchaser;
	b)	Forfeiture or encashment of any other security or bond relating to the procurement;
	c)	Recovery of payments including advance payments, if any, made by the purchaser
		along with interest thereon at the prevailing rate.
iii)	Pro	visions in addition to above:
	a)	Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the purchaser for a period not less than one year;
	b)	In case of anti-competitive practices, information for further processing may be filed under the signature of the Joint Secretary level officer, with the Competition Commission of India;
	c)	Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

B. The Bidding Documents

1.4 <u>Cost of Tender Documents</u>

1.4.1 The bidding documents are to be **downloaded Free of Cost** from the website of **CPP Portal** https://etenders.gov.in or www.nal.res.in.

1.5 <u>Content of Tender Documents</u>

1.5.1 The Goods / Services required, bidding procedures and contract terms are prescribed in the bidding documents which should be read in conjunction with this Procurement specification. The bidding documents, apart from the invitation for Bids / Notice Inviting Tender have been divided into 8 Chapters as under:

Chapter No.	Name of the Chapter		
1	Instructions to Bidder (ITB)		
2	General Conditions of Contract (GCC) and Special Condition of Contract (SCC)		
3	Schedule of Requirements		
4	Specifications and Allied Technical Details		
5	Price Schedule Forms		
6	Qualification requirements		
7	Contract Form		
8	Other Standard Forms comprising		
	(i) Bid Security Form		
	(ii) Bid Securing declaration		
	(iii) Bidder Information Form		
	(iv) Manufacturer's Authorization Form (MAF);		
	(v) Performance Statement form		
	(vi) Service Support details;		
	(vii) Format for declaration by the bidder for code of integrity and conflict of interest		
	(viii) Deviation Statement Form;		
	(ix) Bid form		
	(x) Performance Security Form;		
	(xi) Acceptance Certificate Form		
	(xii) Integrity pact		

1.5.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of its bid.

1.6 Clarification of tender documents

PRE-BID CONFERENCE (PBC)

The objective of PBC is to provide a platform for clarifying issues and clearing doubt, if any, about the specification and other allied technical/commercial details of the bid document. This is also an opportunity to question the bidding conditions and the bidding process. You can bring to our notice any restrictive terms, condition, inconsistent/conflicting, clauses terms/information or item specification in the tender document so that required changes can be made, if any.

1.6.1 In case when there is NO PRE-BID CONFERENCE

A prospective Bidder requiring any clarification of the bidding Documents shall contact the Purchaser in writing through the CPPP website https://etenders.gov.in OR at the Purchaser's address specified in the Special Conditions of Contract (SCC). The Purchaser will respond in writing through the CPP Portal OR through e-mail to any request for clarification, provided that such request is received not later than ten (10) days prior to the due date for submission of bids. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 1.7 relating to amendment of bidding documents and ITB Clause 1.20 relating to Due date for Submission of Bids. The amendments issued would be hosted on the CPPP website https://etenders.gov.in of the purchaser for the benefit of the prospective bidders who are expected to take cognizance of the same before formulating and submitting their bids.

1.6.2. In case when there is PRE-BID CONFERENCE

- a) A prospective Bidder requiring any clarification of the Biding Documents shall contact the Purchaser in writing through CPPP website https://etenders.gov.in OR at the Purchaser's address specified in the Special Conditions of Contract (SCC), latest by the date specified in the Invitation for Bids / NIT which would be deliberated as per ITB Clause 1.6.2 (b) of Instructions to the Bidders. No request for clarification or query shall be normally entertained after the Pre-Bid Conference. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause1.7 relating to amendment of Bidding Documents and ITB Clause 1.20 relating to Due Date for Submission of Bids. The clarifications and amendments issued would also be hosted on the CPPP website https://etenders.gov.in of the Purchaser for the benefit of the other prospective bidders.
- b) A Pre-bid Conference shall be held at venue and schedule specified in Tender Detail Screen. All prospective bidders are requested to kindly attend the Pre-bid Conference. In order to facilitate CSIR-NAL for proper conduct of the Pre-bid Conference, all prospective bidders are requested to kindly submit their queries (with envelope bearing Tender No. and Date on top and marked "Queries for Pre-bid Conference") so as to reach CSIR-NAL as indicated in Invitation to Bid. Queries may be sent by email to CSIR-NAL shall answer the queries during the pre-bid conference, which would become a part of the proceedings of the Pre-bid Conference. These proceedings will become a part of clarifications / amendments to the bidding documents and would become binding on all the prospective bidders. These proceedings would also be hosted on CPPP website https://etenders.gov.in for the benefit of all the prospective bidders. Before formulating and submitting their bids, all prospective bidders are advised to surf through the CPPP website https://etenders.gov.in after the Pre-bid Conference, in order to enable them take cognizance of the changes made in the Tender document.

A Pre-bid Conference shall be held as indicated in invitation to bid, if any. All prospective bidders are requested to kindly attend the Pre-bid Conference. In order to facilitate the purchaser, the proper conduct of the Pre-bid Conference, all prospective Bidder requiring any clarification of the Bidding Documents shall contact the Purchaser in writing at the Purchaser's address specified in the NIT/Special Conditions of Contract (SCC), latest by the date specified in the critical date sheet. No request for clarification or query shall normally be entertained after the deadline/pre-bid conference if any. The purchaser shall answer the queries during the pre-bid conference, which would become a part of the proceedings of the Pre-bid Conference. The proceeding of the Pre-Bid Conference would be hosted on the website of the purchaser/CPP Portal. Before formulating and submitting their bids, all prospective bidders are advised to surf through the purchaser's website/CPP Portal after the Pre-bid Conference, in order to enable them take cognizance of the revised tender conditions.

1.6.3 The queries, clarifications and amendments issued would also be hosted on the website of the CPP Portal/Purchaser for the benefit of the other prospective bidders and also shall be sent to all bidders who have purchased the tender documents.

1.7 Amendment of Tender Documents

- 1.7.1 At any time prior to the deadline for submission of bids, the Purchaser may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the tender documents by amendment. The same would also be hosted on the website of the CPP Portal/Purchaser and all prospective bidders are expected to surf the website before submitting their bids to take cognizance of the amendments.
- 1.7.2 All prospective bidders who have down loaded the Tender Document should surf website of CPP Portal/Purchaser from time to time to know about the changes / modifications in the Tender Document. The changes / modifications would also be hosted on the website of CPP Portal/Purchaser. All prospective bidders are expected to surf the website of CPP Portal/Purchaser before formulating and submitting their bids to take cognizance of the amendments.
- 1.7.3 In order to allow prospective bidders' reasonable time in which to take the amendment into account in preparing their bids, the Purchaser, at its discretion, may extend the deadline for the submission of bids and host the changes on the website of **CPP Portal/Purchaser**.

C. PREPARATION OF BIDS

1.8. Language of Bid

- 1.8.1 The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser shall be written in English language only especially when the details are technical. However, if GOI makes it mandatory under Raj Bhasha Abhiyan, in that case view of Rajbhasha unit of CSIR may be sought.
- 1.8.2 The Bidder/Supplier shall bear all costs of translation, if any, to the English language and bear all risks of the accuracy of such translation, for documents provided by the Bidder/Supplier.

1.9 Purchase Preference Policies

- 1.9.1 The purchaser intends to give product reservation/purchase preference/price preference in line with current Govt. of India procurement policies to help inclusive national economic growth by providing long term support to Small and Medium enterprises (SMEs) and disadvantaged sections of the society and to address environmental concerns along with preferential market access in govt. procurements.
- 1.9.2 For the above purpose, local supplier means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed in DIPP Order No. P-45021/2/2017-PP (BE-II) dated 28th May, 2018 or by the competent Ministries/Departments in pursuance of this order, as amended from time and time and local content means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the items procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

1.10.1 <u>Documents comprising the E-bid</u>

The E-bid shall comprise of the documents as per the requirement of the Tender Document. The documents specified in Chapter-8,, Deviation Statement Form (Part-B) should be scanned and **uploaded in PDF format in proper sequence**. The scanned documents uploaded as part of bid should be scanned in high resolution for better readability.

The bid prepared by the Bidder shall include documents as under:

Sr. No.	Required documents		
	A. TECHNICAL BID		
(a)	Bidder Information Form;		
(b)	Declaration abiding by the Code of Integrity and no conflict of interest for public procurement;		
(c)	Bid security as specified in the Invitation to Bids;		
(d)	Service support details form;		

	T			
(e)	Deviation Statement Form;			
(f)	Performance Statement Form;			
(g)	Manufacturer's Authorization Form along with a certified copy of the Agency			
	Agreement between the bidders and the Indian Agent;			
(h)	Documentary evidence establishing that the bidder is eligible to bid and is qualified			
	to perform the contract if its bid is accepted;			
(i)	Integrity Pact, if required;			
(j)	Documents establishing goods eligibility and conformity to bidding documents;			
	indicating the Indian Customs Tariff Number (ICT & HSN No.) .			
(k)	Schedule of requirements.			
(I) Self-certification that the item offered meets the minimum local content				
	details of the location(s) at which the local value addition is made in case the			
	bidder wishes to avail the benefits under the make in India policy, if applicable.			
(m)	In cases of procurement for a value in excess of ₹ 10 crores, the local supplier			
	shall be required to provide a certificate from the statutory auditor or cost auditor			
	of the company (in the case of companies) or from a practicing cost accountant or			
	practicing chartered accountant (in respect of suppliers other than companies)			
	giving the percentage of local content to avail the benefits under the make in			
	India policy, if applicable.			
(n)	Documentary evidence about the status of the bidder i.e. whether MSE or not, owned			
, ,	by SC/ST or not and whether the MSE is owned by a women entrepreneur or not.			
	B. PRICE BID			
(i)	Bid form;			
(ii)	Applicable Price Schedule Form;			

1.10.2 <u>Documents comprising Single Bid</u>

All the documents (as applicable) specified in **Chapter-8: Annexure-L (Part-II)** should be submitted in Single E-Bid along with BOQ- Price bid.

1.10.3 <u>Documents comprising Two Bid (Technical Bid & Price Bid)</u>

Technical bid should comprise documents (as applicable) specified in Chapter-8:Annexure-L (Part-II). Price Bid should comprise of BOQ & Annexure-J (if applicable).

1.10.4 Bill of Quantity (BOQ)- Price bid

Bidders should necessarily submit their price bid in the format provided and no other format is acceptable. The prices mentioned in BOQ shall be considered for evaluation and comparison of bids. Bidders are required to download the BOQ file, open it and complete the Blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.

1.11. Bid form and price schedule

1.11.1 The bidder shall complete the Bid Form and the appropriate price schedule form furnished in the bidding documents. These forms must be completed without any alterations to its format and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested. The Bid Form and the appropriate Price Schedule form shall be submitted in accordance with ITB Clause 1.18.3 of the bidding documents.

1.12. Bid Prices

- 1.12.1 The Bidder shall fill up the Bill of Quantity (BoQ) which is Price Bid. The BoQ should be filled up carefully as it will be used for evaluation of L1. The contract will be awarded to L1 bidder subject to fulfillment of other terms and conditions of tender and also the Price Preference Policy of Government of India, as amended from time and time and as specified in the tender document
- 1.12.2 Prices indicated on the price-schedule form shall be entered separately in the following manner:
 - (a) For Goods manufactured within India

 (i) The price of the goods quoted Ex-works including taxes already paid.

	(ii)	GST and other taxes, if any which will be payable on the goods if the contract is			
	awarded				
	(iii) The charges for inland transportation, insurance and other local services require				
	for delivering the goods at the desired destination as specified in the price				
	schedule form.				
	(iv)	Wherever applicable, the cost towards the installation, commissioning, spares,			
		extended warranty, AMC/CMC, site preparation and training including any			
		incidental services, if any.			
(b)	For Goods manufactured abroad				
	(i)	The price of the goods, quoted on FCA (named place of delivery abroad) or FOB			
		(named port of shipment), as specified in the price schedule form.			
	(ii)	The charges for insurance and transportation of the goods to the port / place of			
		destination both by Air/Sea.			
	(iii)	The agency commission charges, if any.			
	(iv)	Wherever applicable, the cost towards the installation, commissioning, spares,			
		extended warranty, AMC/CMC, site preparation and training including any			
		incidental services, if any.			

- 1.12.3 The terms FOB, FCA, CIF, CIP etc. shall be governed by the rules prescribed in the current edition of the Incoterms published by the International Chambers of Commerce, Paris.
- 1.12.4 Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offer shall be rejected as incomplete.
- 1.12.5 The price quoted shall remain fixed during the contract period and shall not vary on any account
- 1.12.6 All lots and items must be listed in Unpriced bid and priced separately as per BoQ/Price Schedule. If the Unpriced bid shows items listed but not priced in BoQ/Price Schedule, their prices shall be assumed to be included in the prices of other items. Lots or items not listed in the Price Schedule shall be assumed to be not included in the bid.
- 1.12.7 (a) In case of imports the freight & insurance will be paid by the Purchaser, as the consignments are to be shipped through the Purchaser nominated freight forwarder.
 - (b) Custom Duty is levied on all import meant for CSIR-NAL. Hence, the suppliers are requested to quote only on FOB/FCA basis, freight, insurance and custom duty as applicable to R&D Institutions will be paid by the Purchaser.
- 1.12.8. In case of INR bids the price criteria should be on Free Delivery to CSIR-NAL. Govt. Levies like GST etc., if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST etc., if any.
- 1.12.9 (a) CSIR-NAL is a Public Funded Research Institute under Department of Scientific & Industrial Research, Government of India and concessional Custom duty @ 5.15% is applicable for the goods purchased for Research purpose vide Government of India vide Notification No.51/96–Customs dated 23-July-1996, as amended from time to time.
 - (b) CSIR-NAL is a Public Funded Research Institute under Department of Scientific & Industrial Research, Government of India and concessional GST is applicable for the Goods purchased for Research purpose vide Ministry of Finance (Department of Revenue) vide Notification No. 47/2017-Integrated Tax (Rate) dated 14-Nov-2017 and Notification No.45/2017-Central Tax and Notification No.45/2017-State-Tax(Rate) dated 14th November, 2017, as amended from time to time.
 - (c) The Certificates is issued without any commitment by CSIR-NAL. Hence, the supplier should ensure its applicability for their own interest.
- 1.12.10 Please state specifically in your offer whether the duties and taxes are extra over the prices quoted, failing which it will be presumed that the prices are inclusive of taxes and duties and no claim would be entertained for statutory variations at a later date.
- 1.12.11 Stipulations like "GST is presently not applicable but the same will be charged if it becomes leviable later on" is not acceptable unless in such cases it is clearly stated that GST will not be charged if the same becomes applicable later on due to increase in turn over etc. If a bidder fails to comply with this requirement, his quoted price shall be loaded with the quantum of duty which is normally applicable on the item in question for the purpose of comparison with the prices of other tenderers.

- 1.12.12 a) All payments due under the contract shall be paid after deduction of statutory levies (at source) (like TDS, IT, TCS etc.) wherever applicable. In this connection GOI notification may be referred to before submitting quote on their own interest. Statutory deductions will be done accordingly at the time of payment.
 - b) If the supplier have not filed Income Tax Returns for the latest FY, TDS/TCS is applicable as per Income Tax Act.
 - c) Withholding Taxes are applicable on Foreign payments such as but not limited to Royalty, Fees for Technical Services etc..

1.13. <u>Bid Currencies</u>

1.13.1 Prices shall be quoted in Indian Rupees for offers received for supply within India and in freely convertible foreign currency in case of offers received for supply from foreign countries i.e. domestic tenderers are to quote and accept their payment in Indian currency; Indian agents of foreign suppliers are to receive their agency commission in Indian currency; cost of imported goods & services rendered in India, which are directly imported against the contract, may be quoted in foreign currency (currencies). Multicurrency BoQ shall have provision to quote prices in multiple currencies including Indian Rupees

1.14. <u>Documents Establishing Bidder's Eligibility and qualifications</u>

- 1.14.1 The bidder shall furnish, as part of its bid, documents establishing the bidders' eligibility to bid and its qualification (as specified in Chapter-6) to perform the contract if its bid is accepted.
- 1.14.2 The documentary evidence of the bidder's qualification to perform the contract if the bid is accepted shall establish to the purchaser's satisfaction that;
 - (a) The bidder meets the qualification criteria listed in bidding documents if any.
 (b) Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form (MAF) using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods
 (c) In case a bidder not doing business within India, it shall furnish the certificate to the effect that the bidder is or will be represented by an agent in India equipped and able to carry out the supply, maintenance, repair obligations etc. during the warranty and post warranty period or ensure a mechanism at place for carrying out the supply, maintenance, repair obligations etc. during the warranty period.
- 1.14.3 Conditional tenders/offers shall not be accepted. Alternate offers/makes/models will not be considered.
- 1.15 Documents Establishing Goods' Eligibility and Conformity to Bidding Documents
- 1.15.1 To establish the goods' eligibility, the documentary evidence of the goods and services eligibility shall consist of a statement on the country of origin of the goods and services offered which shall be confirmed by a certificate of origin at the time of shipment.
- 1.15.2 To establish the conformity of the goods and services to the specifications and schedule of requirements of the bidding document, the documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings and data, and shall consist of:
 - (a) A detailed description of the essential technical and performance characteristics of the goods;
 (b) A list giving full particulars, including available sources and current prices, of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods during the warranty period following commencement of the use of the goods by the Purchaser in the Priced-bid; and
 (c) An item-by-item commentary on the Purchaser's Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications or a

statement of deviations and exceptions to the provisions of the Technical Specifications.

1.15.3 For purposes of the commentary to be furnished pursuant to above, the Bidder shall note that standards for workmanship, material and equipment, designated by the Purchaser in its Technical

Specifications are intended to be descriptive only and not restrictive. The Bidder may substitute these in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

1.16. Bid Security (BS) / Earnest Money Deposit (EMD)

1.16.1 The Bidder shall furnish, as part of its bid, a bid security (BS) / Earnest Money Deposit (EMD) for an amount as specified in the Invitation for Bids in the form of Bank Guarantee / Demand Draft drawn on any Nationalized/ Scheduled bank in favour of the "Director, National Aerospace Laboratories, Bengaluru", as the case may be.

A. In the case of foreign bidder(s):

a)	The BS /EMD shall be submitted either by the principal or by the Indian agent.			
b)	The bidder who submits the tender on behalf of their principals should produce			
	documentary evidence in support of their authority to quote.			
c)	The Bank Guarantee (BG) is insisted due to steep fluctuations in foreign exchange			
	hence the foreign DDs are not accepted towards BS/EMD.			
d)	In case a bidder desires to submit a BG issued from a foreign bank, then the same			
	should be confirmed by a Scheduled / Nationalised bank in India.			

B. In the case of Indigenous Bidder(s):-

The BS/EMD shall be submitted by the manufacturer or their specifically authorized dealer/bidder.

- 1.16.2 E-bids submitted without BS/EMD will stand rejected. BS/EMD will not be accepted in the form of Cash/Cheque or any other form other than DD/Bank Guarantee as per format given in Chapter-8, as the case may be. No Interest is payable on BS/EMD.
- 1.16.3 The bid security is required to protect the Purchaser against the risk of Bidder's conduct, which would warrant the security's forfeiture.
- 1.16.4 The bid security shall be in Indian Rupees for offers received for supply within India and denominated in the currency of the bid or in any freely convertible foreign exchange in the case of offers received for supplies from foreign countries in equivalent Indian Rupees. The bid security shall be in one of the following forms at the bidders' option:

	(a)	A Bank guarantee (BG) or stand-by Letter of Credit issued by a Nationalized/ Scheduled				
		bank /Foreign Bank operating in India in the form provided in the bidding document				
		and valid for 45 days beyond the Validity of the Bid. In case a Bidder desires to submit				
		a BG from the Foreign Bank, then the same should be confirmed by a				
		Nationalised/Scheduled Indian Bank				
Γ	(b)	A Banker's cheque or Account Payee demand draft in favour of the purchaser issued by				
		any Nationalized/ Scheduled bank or				
ſ	(c)	A Fixed Deposit Receipt pledged in favour of the Director, CSIR-NAL, Bengaluru.				
F	(d)	Rid Securing Declaration				

- 1.16.4 The bid security shall be payable promptly upon written demand by the purchaser in case the conditions listed in the **ITB clause 1.16.11** are invoked.
- 1.16.5 The bid security should be submitted in its original form to the address mentioned below:-

Sr. CONTROLLER OF STORES & PURCHASE CSIR-NATIONAL AEROSPACE LABORATORIES PB NO.1779, HAL AIRPORT ROAD, KODIHALLI, BENGALURU – 560017 KARNATAKA-INDIA

Scanned Copy of Demand Draft/Bank Guarantee towards bid security should be uploaded along with the E-bid. The envelope enclosing EMD should be superscribed with Tender Number and specifying as "EMD" on the envelop.

1.16.6 Bidders that are currently registered with the purchaser or registered as MSEs will continue to remain registered during the tender validity period also and are exempted from payment of EMD. In case the tenderer falls in these categories, the bidder should furnish a certified copy of its valid registration details. Except for MSEs, this exemption is valid for the trade group and monetary value of registration only. The MSEs are provided tender document free of cost and are exempted from the payment of Bid Security provided the goods are produced and the services are rendered by them and

not for any trading activities undertaken by them. Further firms who are having Udyog Aadhar Memorandum are entitled to all benefits available for MSEs under the Public Procurement Policies for MSEs and can get registered with any of the following agencies:

(a)	District Industries Centre	
(b)	Khadi and Village Industries Commission	
(c)	Khadi and Village Industries Board	
(d)	Coir Board	
(e)	National Small Industries Corporation	
(f)	Directorate of Handicraft and handloom and	
(g)	Any other body specified by the Ministry of MSME	
(h)	UdyogAadhaar Acknowledgement/UgyogAadhaar Memorandum issued by MoMSME	

- 1.16.7 The bid security of unsuccessful bidder will be discharged /returned as promptly as possible positively within a period of 30 days after the expiration of the period of bid validity or placement of order whichever is later, without any interest.
- 1.16.8 The successful Bidder's bid security will be discharged upon the Bidder furnishing the performance security, without any interest. Alternatively, the BS/EMD could also be adjusted against Performance Security, if it is paid through Demand Draft / Banker's Cheque.
- 1.16.9 Where any aggregator has been appointed by the Ministry of MSME, themselves quote on behalf of some MSE units, such offers will be considered as offer from MSE units and all such facilities would be extended to these aggregators also.
- 1.16.10 The receipt of Bid Security before time and date of submission of bid is mandatory requirement. The bid is liable to be rejected if the Bid Security is not received within the stipulated time.
- 1.16.11 The bid security may be forfeited:
 - (a) If a Bidder withdraws or amends or modifies or impairs or derogates its bid during the period of bid validity specified by the Bidder on the Bid Form; or
 (b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance within 14 days of the order or fails to sign the contract and/or fails to furnish Performance Security within 21 days from the date of contract/ order.
- 1.16.12 Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then the Bidder should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.
- 1.16.13 The bidder who seek exemption for EMD/BS or when EMD/BS specified in NIT is NIL, then Bidder should submit Bid securing Declaration as per Format specified in Chapter-8.

1.17. Period of Validity of Bids

- 1.17.1 Bids shall remain valid for minimum of 90 days after the date of bid opening prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 1.17.2 In exceptional circumstances, the Purchaser may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing (by post, fax or e-mail). The bid security provided shall also be suitably extended failing which the bid would be summarily ignored. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required nor permitted to modify its bid.
- 1.17.3 Bid evaluation will be based on the bid prices without taking into consideration the above corrections.

1.18. Format and Signing of Bid

- 1.18.1 The bids may be submitted as Single-bid or Two-bid as specified in the Invitation for Bids / NIT.
- 1.18.2 In case the bids are invited on single bid basis, then the Bidder shall submit E-bid comprising all documents listed under ITB clause 1.10 relating to documents comprising the bid.

- 1.18.3 In case the bids are invited on two-bid system, the Bidder shall submit E-bid in two separate parts. First part shall contain Technical bid comprising all documents listed under clause relating to Documents Comprising the Bid. The second part shall contain the Price-Bid as per the BoQ.
- 1.18.4 The scanned copies of the E-bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid detailing his/her name and contact details.
- 1.18.5 Any interlineations, erasures or overwriting shall be valid only if they are initialed by the persons or persons signing the bid.

D. Submission and sealing of E-Bids

1.19. Submission, Sealing and Marking of Bids

- 1.19.1 Bids shall be submitted online only at CPPP website https://etenders.gov.in
 (Bids received by Manual/ Offline bids/ FAX/E-mail shall not be accepted under any circumstances.)
- 1.19.2 The Bidder shall download the Tender Enquiry Document directly from the website https://etenders.gov.in and shall not tamper/modify it in any manner. In case if the same is found to be tampered/modified in any manner, Tender/Bid will be summarily rejected and EMD would be forfeited.
- 1.19.3 The complete bidding process is online. Bidders should be in possession of valid Digital Signature Certificate (DSC) of class III for online submission of bids. Prior to bidding DSC need to be registered on the website mentioned above. If the envelope is not digitally signed & encrypted the Purchaser shall not accept such open Bids for evaluation purpose and shall be treated as non-responsive and rejected.
- 1.19.4 Bidders are advised to go through "Bidder Manual Kit", "System Settings" & "FAQ" links available on the login page of the e-Tender portal for guidelines, procedures & system requirements. In case of any technical difficulty, Bidders may contact the help desk numbers & email ids mentioned at the e-tender portal. Every Bidder will be required to obtain a Class-III Digital Signature (DSC) for submission of Bids.
- 1.19.5 Bidders are advised to visit CPPP website https://etenders.gov.in regularly to keep themselves updated, for any changes/modifications in the Tender Enquiry Document.
- 1.19.6 Intending bidders are advised to visit CPPP website https://etenders.gov.in regularly till closing date of submission of bid, for any corrigendum.
- 1.19.7 The Bid Security/Earnest Money Deposit shall be deposited through Bank Guarantee / Demand Draft drawn in favour of "The Director, National Aerospace Laboratories, Bengaluru". The original Bid Security/EMD must be delivered at address mentioned in Sr.No.2 of NIT till bid submission date and time as mentioned in "Date Sheet" failing which the bid shall be summarily rejected.
- 1.19.8 Purchaser shall receive the bids online through CPPP portal only. The e-Tender portal shall automatically stop accepting bids after the scheduled date and time specified in the Tender Document. Partially submitted bids shall be treated as invalid and shall not be processed.

1.20. <u>Deadline for Submission of Bids</u>

- 1.20.1 EMD/BS must be received by the Purchase at the address specified in NIT not later than the time and date specified in NIT.
- 1.20.2 Bidders are advised to upload and submit their E-bids timely within due date for submission of E-Bids in view of the electronic process so as to avoid last minute issues.
- 1.20.2 The Purchaser may, at its discretion, extend the deadline for submission of bids by amending the bid documents in accordance with Clause relating to Amendment of Bidding Documents in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

1.21. Late Submission of EMD / BS

- 1.21.1 Any Bid Security/EMD received by the Purchaser after the due date for submission of bids prescribed by the Purchaser is liable to be rejected.
- 1.21.2 Bidders must note that the e-tender portal shall not permit uploading of bids after the scheduled time of submission.

1.22 Withdrawal, substitution and Modification of Bids

- 1.22.1 The bidder may withdraw, correct or modify his digitally signed bid after submission prior to the deadline for submission of bids, through provisions of e-tendering portal.
- 1.22.2 The bidder is not allowed to modify or withdraw bid after deadline for submission of bids.

E. Opening and Evaluation of E-Bids

1.23 Opening of E-Bids by the Purchaser

- 1.23.1 The E-bids shall be opened online by authorised officials of the Purchaser as per schedule given in Date Sheet. In case of two bid tender, the Price bid of only those bidders who qualified in technical evaluation, shall be opened.
- 1.23.2 In the event of the specified date of Bid opening being declared a holiday for the Purchaser, the Bids shall be opened at the appointed time and location on the next working day. In two-part bidding, the financial bid shall be opened only after technical evaluation. No separate intimation shall be sent to the bidders in this regard.
- 1.23.3 Since, E-bid is an online process; the E-bid opening or any other process may be delayed due to any technical/server issue. If any such issue arises, this will not be tantamount to process delay and CSIR-NAL will not be responsible for the same.
- 1.23.4 On opening of bids online, accepting the bid will not mean that the firm is technically or financially qualified.
- 1.23.5 Bids will be opened online on the specified date and time. There is no need to visit purchaser's premises to attend bid opening. If the bids cannot be opened on due date/ time due to any technical or administrative issues (network/connectivity issues, holidays, office closure etc.) these will be opened as soon as the issue is resolved or next working day as the case maybe. Bids submitted online on CPPP portal are safe, secure, and confidential and can be seen only after opening following the due process

1.24. Confidentiality

- 1.24.1 Information relating to the examination, evaluation, comparison, and post qualification of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.
- 1.24.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post qualification of the bids or contract award decisions may result in the rejection of its Bid.

1.25. Clarification of Bids

1.25.1 To assist in the examination, evaluation, comparison and post qualification of the bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted. However, no negotiation shall be held except with the lowest bidder, at the discretion of the purchaser. Any clarification submitted by a bidder in respect to its bid which is not in response to a request by the purchaser shall not be considered.

1.26. <u>Preliminary Examination</u>

1.26.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in **ITB Clause 1.10** have been provided, and to determine the completeness of each document submitted.

- 1.26.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the offer shall be rejected.
 - All the tenders received will first be scrutinized to see whether the tenders meet the basic requirements as incorporated in the tender enquiry document. The tenders, who do not meet the basic requirements, are to be treated as unresponsive and ignored. The following are some of the important points, for which a tender may be declared as unresponsive and to be ignored, during the initial scrutiny: The Bid is unsigned (ii) The Bidder is not eligible. The Bid validity is shorter than the required period. (iii) (iv) The Bidder has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer. Bidder has not agreed to give the required performance security or has not furnished the bid security. (vi) The goods quoted are sub-standard, not meeting the required specification, etc. (vii) Against the schedule of Requirement (incorporated in the tender enquiry), the bidder has not quoted for the entire requirement as specified in that schedule. (viii) The bidder has not agreed to some essential condition(s) incorporated in the tender enquiry. (b) BoO (Price Bid) of the technically qualified bidders shall be liable to rejection, if any condition is added in BoQ which contradicts the technical bid/unpriced bid.

1.27 Bidder's right to question rejection.

1.27.1 A Bidder shall have the right to be heard in case Bidder feels that a proper procurement process is not being followed and/or tender has been rejected wrongly. Only a directly affected bidder can represent in this regard as under:

:\	Owl	a hidder who has portisinated in the appearand procurement process is any		
i)		y a bidder who has participated in the concerned procurement process i.e. pre-		
	qualification, bidder registration or bidding, as the case may be, can make such			
	representation;			
ii)	In case pre-qualification bid has been evaluated before the bidding of Technical bids, an			
	application for review in relation to the technical bid may be filed only by a bidder who has			
	qua	lified in pre-qualification bid;		
iii)	In case technical bid has been evaluated before the opening of the financial bid, an			
,	application for review in relation to the financial bid may be filed only by a bidder whose			
		nnical bid is found to be acceptable.		
iv)	Following decisions of the purchaser in accordance with the provision of internal			
10)		· · · · · · · · · · · · · · · · · · ·		
	guidelines shall not be subject to review:			
	a) Determination of the need for procurement;			
	b) Selection of the mode of procurement or bidding system;			
	c) Choice of selection procedure;			
	d)	Provisions limiting participation of bidders in the procurement process;		
	e)	The decision to enter into negotiations with the L1 bidder;		
	f) Cancellation of the procurement process except where it is intended to subsequently			
	re-tender the same requirements;			
	g) Issues related to ambiguity in contract terms may not be taken up after a contra			
	has been signed, all such issues should be highlighted before consummation of th			
	contract by the Vendor/Bidder/contractor; and			
	h)	Complaints against specifications except under the premise that they are either		
	,	vague or too specific so as to limit competition may be permissible.		
		ragas or too opposition do do to illinit composition may be permissible.		

1.27.2 In case a Bidder feels aggrieved by the decision of the purchaser, the Bidder may then send their representation in writing to the Purchaser's address as indicated in Special Conditions of Contract (SCC) within 05 working days from the date of communication of the purchaser intimating the rejection for reconsideration of the decision by the purchaser.

1.28 Responsiveness of Bids

- 1.28.1 Prior to the detailed evaluation, the purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of this clause, a substantive responsive bid is one, which conforms to all terms and condition of the bidding documents without material deviations, reservations or omissions. A material deviation, reservation or omission is one that:
 - (a) Affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or

- (b) Limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser's rights or the Bidder's obligations under the Contract; or
- (c) If rectified, would unfairly affect the competitive position of other bidders presenting substantially responsive bids.
- 1.28.2 The purchasers' determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.
- 1.28.3 If a bid is not substantially responsive, it will be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation or omission.
- 1.28.4 If a bidder quotes Nil Charges/consideration, the bid shall be treated as unresponsive and will not be considered.

1.29 Non-Conformity, Error and Omission

- 1.29.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformities or omissions in the Bid that do not constitute a material deviation.
- 1.29.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.
- 1.29.3 Provided that the Bid is substantially responsive, the Bid shall be evaluated as per BoQ.
- 1.29.4 Provided that a bid is substantially responsive, the purchaser may request that a bidder may confirm the correctness of arithmetic errors as done by the purchaser within a target date. In case, no reply is received then the bid submitted shall be ignored and its Bid Security may be forfeited.

1.30 Examination of Terms & Conditions, Technical Evaluation

- 1.30.1 The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.
- 1.30.2 The Purchase shall examine the Bid to confirm that Eligibility and Qualification criteria as specified is fulfilled by the Bidder.
- 1.30.3 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with **ITB**Clause 1.15, to confirm that all requirements specified in Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.
- 1.30.4 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with **ITB Clause 1.28**, it shall reject the Bid.
- 1.30.5 Any bidder seeking benefit/preference under MSME / Make in India or any other policy/scheme of the Government of India, which is currently in force MUST at the time of bidding itself enclose all relevant documents / certificates etc. for claiming such benefits. The bidder must also clearly highlight the provisions of the policy and the kind of benefit being sought by it for which it meets the conditions for claiming such benefits. It may be noted that no other benefit / preference /concessions which is beyond the scope of the policy or the bidder's entitlement under the policy shall be given / considered by us. If the bidder fails to claim such benefit and/or fail to submit necessary documents/certificates in support of its claim at the time of bidding itself, its claim shall not be entertained at a later stage in the bidding process and no opportunity shall be provided to it to submit any document / certificate.

1.31 Conversion to Single Currency

1.31.1 To facilitate evaluation and comparison, the Purchaser will convert all quoted prices expressed in various currencies in which the bid prices are payable to Indian Rupees at the selling exchange rate established by any bank in India as notified in the Newspapers on the date of bid opening in the case of single bid and the rates prevalent on the date of opening of the Technical Bids in case of two-bid. For this purpose, "Bill Currency Selling" exchange rate notified in www.xe.com or www.rbi.org or any other website could also be used by the purchaser.

1.32 Evaluation and comparison of bids

- 1.32.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 1.32.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined below. No other criteria or methodology shall be permitted.
- 1.32.3 Price Preference
- 1.32.3.1 Price preference to Local suppliers as per Make in India procurement policy of Govt of India
 Only Class-I and Class-II local suppliers are eligible to bid for all procurements other than
 Global Tender Enquiry and Purchase preference shall be given as specified below:

1) Definitions of terms applicable to Make in India procurement policy of Govt of India

a)	'Local content' means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
b)	'Class-I Local supplier' means a supplier provider whose product offered for procurement meets the local content of 50% and above.
c)	'Class-II Local supplier' means a supplier provider whose product offered for procurement meets the local content of 20% and above but less than 50%.
d)	'Non-Local supplier' means a supplier provider whose product offered for procurement meets the local content of less than 20%.
e)	'L1' means the lowest tender or lowest bid or the lowest quotation received in this tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.
f)	'Margin of purchase preference ' means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.

- 2) Tendered goods are divisible in nature, the following procedure shall be followed to evaluate L1 bidder and bidder for award of contract with the margin of purchase preference of 20% to Class-I Local supplier:
 - a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a Class-l local supplier, the contract for full quantity will be awarded to L1.
 - b) If L1 bid is not from a Class-I local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the Class-I local suppliers, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling with in the margin of purchase preference, and contract for that quantity shall be awarded to such Class-I local supplier subject to matching the L1 price. In case such lowest eligible Class-I local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher Class-I local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- 3) Tendered goods are **not divisible** in nature, the following procedure shall be followed to evaluate L1 bidder and bidder for award of contract **with** the **margin of purchase preference of 20%** to Class-I Local supplier:
 - a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a Class-local supplier, the contract will be awarded to L1.
 b) If L1 is not from a Class-local supplier, the lowest bidder among the Class-local suppliers, will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such Class-local supplier subject to matching the L1 price.
 - c) In case such lowest eligible Class-I local supplier fails to match the L1 price, the Class-I local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the Class-I local suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.
 - Only Class-II Local suppliers are not eligible to get price preference under this clause.

4) For more clarity in this regard, following table is furnished:

Quantity of Tendered goods	Price quoted by Class-I Local supplier	Finalization of tender
Can be Split	L1	Full order on Local supplier
Can be Split	Not L1 but within L1 + 20%	50% order on Class-I Local supplier
		subject to matching L1 price
Cannot be Split	L1	Full Order on Local supplier
Cannot be Split	Not L1 but within L1+20%	Full Order on Class-I Local supplier
		subject to matching L1 price

5) Verification of local content

	erinication of local content				
a)	The 'Class-I local Supplier'/ 'Class-II local Supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide selfcertification (Chapter-8: Annexure-M & N) that the item offered meets the local content requirement for 'Class-I local Supplier'/ 'Class-II local Supplier', as the case may be.				
b)	Bidder shall also give price break up and the location(s) at which the local value addition is made in the form of Annexure-I (Chapter-8). Annexure-J (Chapter-8) should be enclosed with Technical bid and Annexure-N should be enclosed as part of Price bid. Bidder cannot claim the services such as transportation, insurance, installation, commissioning, training, after sales service (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local value addition.				
c)	In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local Supplier'/'Class-II local Supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of Contractors other than companies) giving the percentage of local content.				
d)	False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Finance Rules along with such other actions as may be permissible under law.				

1.32.3.2 Price Preference to MSMEs

- 1) In case MSME bidder is L1 entire value of the tender is to be ordered on the L1 MSME bidder.
- 2) In tender, participating Micro and Small Enterprises quoting price within price band of L1 + 15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply upto 25 percent of the total tendered value (where the tender quantity can be split).
- 3) In case of more than one such MSMEs are in the price band of L1 + 15% and matches the L1 price, the supply may be shared proportionately if the goods can be split.
- 4) In case the tendered quantity of goods cannot be split, MSME shall be allowed to supply total tendered quantity provided their quoted price is within a price band of L1 + 15% and they match the L1 price.
- 5) If the quantity cannot be split and there are more than one eligible MSME bidders (price band within L1+15%) then the opportunity to match the L1 rate of the tender shall be given first to MSME (who have quoted lowest rate among the MSMEs within the price band of L1+15%) and the total quantity shall be awarded to him after matching the L1 price of the tender.
- 6) If the MSME who have quoted lowest rate among the MSMEs in the price band of L1 + 15% do not agree to match the rate of L1 of the tender, then the next ranked MSME bidder who has quoted within the price band of L1 + 15% in order shall be given chance to match the rate of L1 for award of the quantity/order.

7) For more clarity in this regard, following table is furnished:

Quantity of	Price quoted by MSME	Finalization of tender
Tendered goods		

Can be Split	L1	Full order on MSME
Can be Split	Not L1 but within	25% order on MSME subject to matching
	L1+15%	L1
Cannot be Split	L1	Full Order on MSME
Cannot be Split	Not L1 but within L1+15%	Full Order on MSME subject to matching
		L1 price

- 8) The purchase preference to MSME is not applicable for works contracts where supply of goods not produced by MSMEs is also involved.
- 9) Price preference shall be made applicable subject to bidder meeting the following conditions as MSME firm:

a)	MSMEs participating in the tender must submit valid & authorised copy of certificate of registration with any one of the above agencies. In case of bidders submitting DIC registration certificate shall attach original notarised copy of the DIC certificate. The MSME's Bidder to note and ensure that nature of services and goods/items manufactured mentioned in MSME's certificate matches with the nature of the services and goods/items to be supplied as per Tender.
b)	Traders / resellers / distributors / authorized agents will not be considered for availing benefits under Public Procurement policy 2012 for MSMEs as per MSME guidelines issued by MoMSME.
c)	The registration certificate issued from any one of the above agencies must be valid as on Bid closing date of the tender. Bidder shall ensure validity of registration certificate in case bid closing date is extended.
d)	The MSMEs who have applied for registration or renewal of registration with any of the above agencies / bodies, but have not obtained the valid certificate as on close date of the tender, are not eligible for EMD exemption / preference.
e)	Where any aggregator has been appointed by the Ministry of MSME, themselves quote on behalf of some MSE units, such offers will be considered as offer from MSE units and all such facilities would be extended to these aggregators also.

1.32.4 The bids shall be evaluated on the basis of final landing cost which shall be arrived as under and as per Format given in BoQ of e-tender:

(a) For Goods manufactured in India

i)	The price of the goods quoted ex-works including all taxes already paid.
ii)	GST and other taxes, if any which will be payable on the goods if the contract is
	awarded.
iii)	Charges for inland transportation, insurance and other local services required for
	delivering the goods at the desired destination.
iv)	Wherever applicable, the cost towards the installation, commissioning, spares, extended warranty, AMC/CMC, site preparation and training including any incidental services, if any.
	j services, ii dily.

(b) For Goods manufactured abroad

i)	The price of the goods, quoted on FCA (named place of delivery abroad) or FOB
	(named port of shipment), as specified in the bidding document.
ii)	The charges for insurance and transportation of the goods to the port/place of
	destination.
iii)	The agency commission etc., if any.
iv)	Wherever applicable, the cost towards the installation, commissioning, spares,
	extended warranty, AMC/CMC, site preparation and training including any incidental
	services if any

1.32.5 The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/CIP basis respectively. However, the CIF/CIP prices quoted by any foreign bidder shall be loaded further as under:

(a)	Towards customs duty and other statutory levies – as per applicable rates.
(b)	Towards custom clearance, inland transportation etc 2% of the CIF/CIP value.

1.32.6 In case of Purchase of many items against one tender, which are not inter-dependent or where compatibility is not a problem, normally the comparison would be made on Ex-Works, (in case of Indigenous items) and on FOB/FCA (in case of Imports) prices quoted by the firms for identifying the lowest quoting firm for each item.

- 1.32.7 Orders for imported Goods need not necessarily be on FOB/FCA basis rather it can be on the basis of any of the incoterm latest edition as may be amended from time to time by the ICC or any other designated authority and favourable to the purchaser
- 1.32.8 Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the Contract would be made on CIF / CIP basis only.
- 1.32.9 The GCC and the SCC shall specify the mode of transport i.e., whether by Air/Sea/Road/Rail.
- 1.32.10 There is <u>no provision to purchase optional items</u>. The specifications embodied in the tender documents would be the basis of evaluating the responsiveness of bids received.
- 1.32.11 The Purchaser shall compare all substantially responsive bids to determine the lowest valuated bid, in accordance with ITB Clause 1.32.
- 1.32.12 Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. such offers shall be rejected as incomplete.

1.33 Contacting the Purchaser

- 1.33.1 Subject to ITB Clause 1.25, no Bidder shall contact the Purchaser on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.
- 1.33.2 Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison or contract award may result in rejection of the Bidder's bid.

1.34 Post qualification

- 1.34.1 In the absence of pre-qualification, the Purchaser will determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated responsive bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in **ITB Clause 1.15.**
- 1.34.2 The determination will take into account the eligibility criteria listed in the bidding documents and will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the Purchaser deems necessary and appropriate.
- 1.34.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's bid.

F. AWARD OF CONTRACT

1.35 Negotiations

1.35.1 Normally, there shall not be any negotiation. Negotiations, if at all, shall be an exception and only in the case of items with limited source of supply. Negotiations shall be held with the lowest evaluated responsive bidder. Counter offers tantamount to negotiations and shall be treated at par with negotiations.

1.36 Award Criteria

1.36.1 Subject to ITB Clause 1.39, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. The details of the award would be hosted on the website of the Purchaser and CPPP website https://etenders.gov.in.

1.37 Purchaser's right to vary Quantities at Time of Award

1.37.1 The Purchaser reserves the right at the time of Contract award to increase or decrease the quantity of goods and services originally specified in the Schedule of Requirements to the extent of 25% without any change in unit price or other terms and conditions of the Purchase Order.

1.38 Option Clause

1.38.1 The Purchaser reserves the right to increase or decrease the quantity of the required goods up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

1.39 Purchaser's right to accept Any Bid and to reject any or All Bids

1.39.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders.

1.40 Notification of Award

- 1.40.1 **Prior to the expiration of the period of bid validity**, the Purchaser will notify the successful bidder in writing by registered letter or by cable or telex or fax or e mail that the bid has been accepted and a separate purchase order shall follow through post.
- 1.40.2 Until a formal contract is prepared and executed, the notification of award should constitute a binding contract.
- 1.40.3 Upon the successful Bidder's **furnishing of the signed Contract Form** and performance security pursuant to **ITB Clause 1.43**, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security.

1.41 Signing of Contract

- 1.41.1 Promptly after notification, the Purchaser shall send the successful Bidder the Agreement/Purchase Order.
- 1.41.2 Within twenty-one (21) days of date of the Purchase Order, the successful Bidder shall sign, date, and return it to the Purchaser.

1.42 Order Acceptance

- 1.42.1 The successful bidder should submit Order acceptance within 14 days from the date of issue of order/signing of contract, failing which it shall be presumed that the Bidder is not interested and the bid security is liable to be forfeited pursuant to ITB Clause 1.16.11.
- 1.42.2 The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation beyond the original date. Even after extension of time, if the order confirmation is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, 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.

1.43 Performance Security

1.43.1 Within 21 days of receipt of the notification of award/Purchase Order as per **GCC Clause 2.12**, the supplier shall furnish Performance Security for the amount specified in SCC, valid for the time 60 days beyond the fulfillment of all contractual obligations including warranty.

1.44 <u>Integrity Pact</u>

- 1.45.1 Integrity Pact binds both buyers and sellers to ethical conduct and transparency in all activities from pre-selection of bidders, bidding and contracting, implementation, completion and operation related to the contract.
- 1.45.2 The Integrity pact essentially 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 the contract. Only those vendors/bidders, who commit themselves to such a Pact with the buyer, would be considered competent to participate in the bidding process. In other words, entering into this Pact would be a preliminary qualification. The essential ingredients of the Pact include:

(i)	Promise on the part of the Purchaser to treat all bidders with equity and reason and not
	to seek or accept any benefit, which is not legally available;
(ii)	Promise on the part of bidders not to offer any benefit to the employees of the Purchaser
	not available legally and also not to commit any offence under Prevention of Corruption
	Act, 1988 or Indian Penal Code 1860;
(iii)	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.
(iv)	Undertaking (as part of Fall Clause) by the bidders that they have not and will not sell the
	same material/equipment at prices lower than the bid price;
(v)	Foreign bidders to disclose the name and address of agents and representatives in India
	and Indian Bidders to disclose their foreign principals or associates;
(vi)	Bidders to disclose the payments to be made by them to agents/brokers or any other
	intermediary;
(vii)	Bidders to disclose any past transgressions committed over the specified period with any
	other company in India or Abroad that may impinge on the anti-corruption principle;
(viii)	Integrity Pact lays down the punitive actions for any violation.

- 1.45.3 Each page of such Integrity pact proforma would be duly signed by Purchaser's competent signatory. All pages of the Integrity Pact are to be returned by the bidder (along with the technical bid) duly signed by the same signatory who signed the bid, i.e. who is duly authorized to sign the bid and to make binding commitments on behalf of his company. Any bid not accompanied by Integrity Pact duly signed by the bidder shall be considered to be a non-responsive bid and shall be rejected straightway.
- 1.45.4 The SCC shall specify whether there is a need to enter into a separate Integrity pact or not.
- 1.45.5 The Integrity Pact would be effective from the date of invitation of bids till complete execution of the contract.
- 1.45.6 The names and contact details of the Independent External Monitors (IEM) on the event of the need of IP is as detailed in the SCC.
- 1.45.7 The modal format of IP is at Chapter-7.
- 1.45.8 As a first option, dispute resolution is available through panel of IEMs' apart from arbitration clause. However, the fees / exemptions on the said account shall be equally shared by the parties.
- 1.46 <u>Assistance to Bidders:</u>
- 1.46.1 Any queries relating to the Tender Enquiry Document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the NIT.
- 1.46.2 Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

CHAPTER 2 CONDITIONS OF CONTRACT A GENERAL CONDITIONS OF CONTRACT (GCC)

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2.42	Integrity Pact
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Note: The General Conditions of Contract shall form the part of Purchase Order / Contract.

GENERAL CONDITIONS OF CONTRACT (GCC)

2.1 <u>Definitions</u>

2.1.1 The following words and expressions shall have the meanings hereby assigned to them:

Sr.	Words /	Meaning
No.	Expressions	u
(a)	Contract	The Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
(b)	Contract Documents	The documents listed in the Contract Agreement, including any amendments thereto.
(c)	Contract Price	The price payable to the Bidder as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.
(d)	Day	Calendar day
(e)	Completion	The fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
(f)	GCC	The General Conditions of Contract.
(g)	Goods	All of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract
(h)	Services	The services incidental to the supply of the goods, such as transportation, insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.
(i)	SCC	The Special Conditions of Contract.
(j)	Subcontractor	Any natural person, private or government entity, or a combination of the above, to which any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
(k)	Bidder	The natural Person, Private or Government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.
(I)	Council	The Council of Scientific & Industrial Research (CSIR), registered under the Societies Registration Act, 1860 of the Government of India having its registered office at 2, Rafi Marg, New Delhi-110001, India.
(m)	Purchaser	Any of the constituent Laboratory/Institute of the Council situated at any designated place in India as specified in SCC
(n)	The final destination	The place named in the SCC.

2.2 <u>Contract Documents</u>

- 2.2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
- 2.2.2 Successful bidder shall have to enter into Contract Agreement as per Contract Agreement as per Contract Form given in Chapter-7 within 14 days of Placement of Purchase Order having above Rs.10 Lakh or equivalent amount in Foreign Currency.

2.3 <u>Fraud, Corruption and Code of Integrity</u>

2.3.1 The Purchase requires that Bidders, suppliers, contractors and consultant, if any, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy,

(a) The terms set forth below are defined as follows:

I	Corrupt practice	The offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution
Ш	Fraudulent	A misrepresentation or omission of facts in order to influence a
	practice	procurement process or the execution of a contract

III	Collusive practice	A scheme or arrangement between two or more bidders, with
		or without the knowledge of the Borrower, designed to
		establish bid prices at artificial, non-competitive levels
IV	Coercive practice	Harming or threatening to harm, directly or indirectly, persons
		or their property to influence their participation in the
		procurement process or affect the execution of a contract

2.3.2 Without prejudice to and in addition to the rights of the Purchaser to other penal provisions as per the bid documents or contract, if the Purchaser comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the Purchaser may take appropriate measures including one or more of the following:

Ш	ore o	e of the following.		
	a)	Cancellation of the relevant contract and recovery of compensation for loss incurred by		
		the purchaser;		
	b)	Forfeiture or encashment of any other security or bond relating to the procurement;		
Ī	c)	Recovery of p	payments including advance payments, if any, made by the Purchaser along	
		with interest	thereon at the prevailing rate.	
	d)	Provisions in addition to above:		
		I from the list of registered suppliers and banning/debarment of the bidder ticipation in future procurements of the purchaser for a period not less than c;		
			of anti-competitive practices, information for further processing may be filed signature of the Joint Secretary level officer, with the Competition Commission	
		3) Initiation	of suitable disciplinary or criminal proceedings against any individual or staff	

2.4 <u>Joint Venture, Consortium or Association</u>

found responsible

2.4.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfilment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.

2.5 Scope of Supply

2.5.1 Scope of Supply (i.e. the Goods and Related Services to be performed) shall be as specified in Chapter 4 i.e. Specifications and allied technical details.

2.6 Suppliers' Responsibilities

2.6.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply-Clause
2.5 of the GCC and the Delivery and Completion Schedule, as per GCC Clause relating to delivery and document.

2.7 Contract price

2.7.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.

2.8 Copy Right and Patent Indemnity

2.8.1 Copy Right

The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

2.8.2 Patent Indemnity

a) The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 2.12.2 Indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- (a) the installation of the Goods by the Supplier or the use of the Goods in India; and
- (b) the sale in any country of the products produced by the Goods
- b) If any proceedings are brought or any claim is made against the Purchaser, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

2.9 Application

2.9.1 These General Conditions shall apply to the extent that they are not superseded by provisions in other parts of the Contract.

2.10 Standards

2.10.1 The Goods supplied and services rendered under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standard appropriate to the Goods' country of origin and such standards shall be the latest issued by the concerned institution.

2.11 Use of Contract Documents and Information

- 2.11.1 The Supplier shall not, without the Purchaser's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.
- 2.11.2 The Supplier shall not, without the Purchaser's prior written consent, make use of any document or information enumerated above except for purposes of performing the Contract.
- 2.11.3 Any document, other than the Contract itself, enumerated above shall remain the property of the Purchaser and shall be returned (in all copies) to the Purchaser on completion of the Supplier's performance under the Contract if so required by the Purchaser.

2.12 Performance Security

- 2.12.1 Within 21 days of receipt of the notification of award of Contract/Purchase Order, the Supplier shall furnish performance security in the amount specified in SCC, valid till 60 days after the warranty period. Alternatively, the PS may also be submitted at the time of release of final payment in cases where part payment is made against delivery & part on installation. The PS, where applicable, shall be submitted in advance for orders where full payment is to be made on Letter of Credit (LC) or on delivery. In this case, submission of PS at the time of negotiation of documents through Bank would be stipulated as a condition in the LC and the BS should be kept valid till such time the PS is submitted.
- 2.12.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 2.12.3 The Performance Security shall be denominated in Indian Rupees for the offers received for supplies within India and denominated in the currency of the contract in the case of offers received for supply from foreign countries or in equivalent Indian Rupees in case the Performance Security is submitted by the Indian Agent.
- 2.12.4 In the case of imports, the PS may be submitted either by the principal or by the Indian agent and, in the case of purchases from indigenous sources, the PS may be submitted by either the manufacturer or their authorized dealer/bidder.

2.12.5 The Performance security shall be in one of the following forms:

(a)	A Bank guarantee or stand-by Letter of Credit issued by a Nationalized/ Scheduled bank located in India or a Foreign bank with its operating branch in India in the form provided in the hidding documents or
	in the bidding documents or
(b)	A Banker's cheque or Account Payee demand draft in favour of the purchaser issued by
	any Nationalized/ Scheduled bank or
(c)	A Fixed Deposit Receipt pledged in favour of the Director, CSIR-NAL, Bengaluru.

- 2.12.6 The performance security will be discharged by the Purchaser and returned to the Supplier not later than 60 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified otherwise in SCC, without levy of any interest.
- 2.12.7 In the event of any contract amendment, the supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the performance security, rendering the same valid for the duration of the contract, as amended for further period of 60 days thereafter.
- 2.12.8 The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation and submission of Performance Security (PS). Even after extension of time, if the order confirmation /PS are not received, the contract shall be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, 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.
- 2.12.9 Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then Bidder should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.
- 2.13 Installation, Commissioning, Demonstration, <u>Inspections, Tests and Training.</u>
- 2.13.1 The inspections & test, training required would be as detailed in Chapter-4 of the Bidding Document relating to Specification and Allied Technical details.
- 2.13.2 The Bidder shall be responsible for Installation, Commissioning, Demonstration, Inspection, Tests and Training wherever applicable and for after sales service during the warranty and thereafter as specified in Chapter-4

2.14 Packing

- 2.14.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
- 2.14.2 The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be provided for in the Contract including additional requirements are as given below or /and as specified in SCC and in any subsequent instructions ordered by the Purchaser:

The marking and documentation within and outside the packages shall be:

(a)	Each package should have a packing list within it detailing the part No(s), description,			
	quantity etc.			
(b)	Outside each package, the contract No., the name and address of the purchaser and the			
	final destination should be indicated on all sides and top.			
(c)	Each package should be marked as $1/x$, $2/x$, $3/x$ x/x , where "x" is the total No. of			
	packages contained in the consignment			
	All the sides and top of each package should carry an Appropriate indication/ label/			
(d)	stickers indicating the precautions to be taken while handling/storage.			

2.15 <u>Delivery and Documents</u>

2.15.1 Delivery of the Goods and completion and related services shall be made by the supplier in accordance with the terms specified by the Purchaser in the contract. The details of shipping and/or other documents are given below or/and to be furnished by the supplier are specified in SCC.

SCC.	
Deta	nils of Shipping and other Documents to be furnished by the Bidder are :
A)	For goods manufactured or supplied within India
	Within 24 hours of dispatch, the Supplier shall notify the purchaser the complete details of
	dispatch and also supply following documents by registered post / speed post and copies
	thereof by FAX/email
(a)	Two copies of Supplier's Invoice indicating, inter-alia description and specification of the
, ,	goods, quantity, unit price, total value
(b)	Packing list
(c)	Certificate of country of origin
(d)	Insurance certificate, if required under the contract
(e)	Railway receipt/Consignment note
(f)	Manufacturer's warrantee certificate and in-house inspection certificate, if any
(g)	Inspection certificate issued by purchaser's inspector, if any
(h)	Any other document(s) as and when required in terms of the contract
NOT	
1	The nomenclature used for the item description in the invoice(s), packing list(s) and the
_	delivery note(s) etc. should be identical to that used in the contract. The dispatch
	particulars including the name of the transporter should also be mentioned in the
	Invoice(s).
2	The above documents should be received by the Purchaser before arrival of the Goods and,
_	if not received, the Bidder will be responsible for any consequent expenses.
B)	For goods manufactured or supplied from abroad
	Within 24 hours of dispatch, the Supplier shall notify the purchaser the complete details of
	dispatch and also supply following documents by Registered Post / Courier and copies
	thereof by FAX/Email.
(a)	Two copies of Bidder's Invoice giving full details of the goods including quantity, value,
()	etc.
(b	Packing list
(c)	Certificate of country of origin
(d)	Manufacturer's guarantee and Inspection certificate, if any
(e)	Inspection certificate issued by the Purchaser's Inspector, if any
(f)	Insurance Certificate, if required under the contract
(g)	Name of the Vessel / Carrier
(h)	Bill of Lading / Airway Bill
(i)	Port of Loading
(j)	Date of Shipment
(k)	Port of Discharge & expected date of arrival of goods
(I)	Any other document(s) as and when required in terms of the contract
NOT	
1	The nomenclature used for the item description in the invoice(s), packing list(s) and the
_	delivery note(s) etc. should be identical to that used in the contract. The dispatch
	particulars including the name of the transporter should also be mentioned in the
	Invoice(s).
2	The above documents should be received by the Purchaser before arrival of the Goods and,
_	if not received, the Bidder will be responsible for any consequent expenses.
3	The clearing of the consignment at Bengaluru Airport shall be done by our authorized
3	Custom House Agents (CHA). The corresponding shipping documents may be forwarded to
	them accordingly. It is advised to give us and our CHA, a pre-alert before the consignment
	is dispatched. If there is delay in clearing of the consignment for <u>not</u> giving timely pre-alert
	then demurrage (Ware house charges), if applicable has to be refunded to us.
	then demanded (ware nedge enaiges), it applieds to the retained to do.

- 2.15.2 The terms FOB, FCA, CIF, CIP, etc. shall be governed by the rules prescribed in the current edition of the Inco terms published by the International Chambers of Commerce(ICC), Paris.
- 2.15.3 The mode of transportation shall be as specified in SCC. In case the purchaser elects to have the transportation done through Air, then air lifting needs to be done through Air India only. In case Air India does not operate in the Airport of dispatch, then the bidder is free to engage the services of any other Airlines.

- 2.15.4 High-sea sales delivery-term is not acceptable.
- 2.15.5 The Bidders may please note that the delivery of the Goods should be strictly within Delivery Schedule mentioned in the Chapter-4/Purchase Order
- 2.15.6 Goods should not be dispatched until the Bidder/Supplier received a firm Purchase Order.

2.16 Insurance

- 2.16.1 Indigenous goods, the Goods supplied under the Contract shall be fully insured in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.
- 2.16.2 Import Goods, the purchaser elect to buy on CIF/CIP basis, the Goods supplied under the Contract shall be fully insured against any loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in the manner specified in SCC.
- 2.16.3 Where delivery of the goods is required by the purchaser on CIF/ CIP basis for Imported Goods or FOR destination for Indigenous Goods, the supplier shall arrange and pay for Marine / Transit Insurance, naming the purchaser as beneficiary and initiate & pursue claims till settlement, on the event of any loss or damage.
- 2.16.4 Where delivery is on FOB or FCA basis for Imported Goods or FOR dispatch Station for Indigenous Goods, the Insurance would be the responsibility of the purchaser.
- 2.16.5 With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.

2.17 Transportation

- 2.17.1 Where the Supplier is required under the Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 2.17.2 Where the Supplier is required under the Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 2.17.3 In the case of supplies from within India, where the Supplier is required under the Contract to transport the Goods to a specified destination in India, defined as the Final Destination, transport to such destination, including insurance and storage, as specified in the Contract, shall be arranged by the Supplier, and the related costs shall be included in the Contract Price.
- 2.17.4 The clearing of the consignment at Bengaluru Airport shall be done by our authorized Custom House Agents (CHA) for CIP / CIF consignments. The details of CHA will be given in the Purchase Order. The corresponding shipping documents may be forwarded to them accordingly. It is advised to give us and our CHA, a pre-alert before the consignment is dispatched. If there is delay in clearing of the consignment for not giving timely pre-alert then demurrage (Ware house charges) and/or penalty imposed by Indian Customs for late custom clearance, if payable has to be refunded to us by the Supplier / Indian Agent or the same will be deducted from any payment due to Supplier / Indian Agent against this order or any other Purchase order.

2.18 Incidental Services

2.18.1 The supplier may be required to provide any or all of the services, including training, if any, specified in chapter 4.

2.19 Spare Parts

2.19.1 The Supplier shall be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

(a)	Such spare parts as the Purchaser may elect to purchase from the Supplier, providing					
	that this election shall not relieve the Supplier of any warranty obligations under the					
	Contract; and					
(b)	In the event of termination of production of the spare parts:					
	(i)	Advance notification to the Purchaser of the pending termination, in sufficient time				
		to permit the Purchaser to procure needed requirements; and				
	(ii)	Following such termination, furnishing at no cost to the Purchaser, the blueprints,				
		drawings and specifications of the spare parts, if requested.				

2.20 Warranty

- 2.20.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.
- 2.20.2 The Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in India.
- 2.20.3 Unless otherwise specified in the SCC, the warranty shall remain valid for Twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for Eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.
- 2.20.4 The warranty on the associated software should cover providing of upgraded version/s, if any, released during the warranty period free of cost.
- 2.20.5 The bidder shall assure the supply of spare parts after warranty is over for maintenance of the equipment supplied if and when required for a period of 10 years from the date of supply of equipment on payment on approved price list basis.
- 2.20.6 The equipment must be supported by a Service Centre manned by the principal vendor's technical support engineers. The support through this Centre must be available 24 hours in a day, seven days a week and 365 days a year. Also it should be possible to contact the Principal's vendor support Centre on a toll free number/web/mail.
- 2.20.7 An undertaking from the manufacturer is required in this regard stating that they would facilitate the Bidder, Service provider on regular basis with technology / product updates & extend support for the warranty as well.
- 2.20.8 Supplier will have to arrange for all the testing equipment & tools required for installation, testing & maintenance etc.
- 2.20.9 The Principal Supplier must have a local logistics support by maintaining a local spares depot in the country of deployment of the equipment. This is to ensure immediate delivery of spares parts from Principal Supplier of equipment to its channel partner/system integrator.
- 2.20.10 Details of onsite warranty, Name of Agency that shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive Service Maintenance Contract beyond warranty shall be given in the offer. In case of foreign quote, the name of Indian Agent who shall maintain during warranty and AMC beyond warranty shall be given in the Technical Offer.
- 2.20.11 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.

- 2.20.12 Upon receipt of such notice, the Supplier shall, within a reasonable period of time, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.
- 2.20.13 If having been notified, the Supplier fails to remedy the defect within a reasonable period of time; the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
- 2.20.14 In case the Equipment / System remains non-operational or performs below the desired level for more than 1 week after intimation of the fault in the Equipment / System then Warranty period shall be extended for further period for which Equipment / System remained non-operational or performed below the desired level, without prejudice to any other terms and conditions of the Contract. The defects, if any, during the warranty period are to be rectified free of charge by arranging free replacement wherever necessary.
- 2.20.15 In case of any replacement during the warranty period the same shall be made free of cost i.e. DDP for import replacement and/or free delivery to NIO for indigenous replacement. All the duties / taxes relating to these replacements have to be borne by the supplier. Dispatch details of such warranty replacements have to be informed in advance to enable us to provide documents for custom clearance.
- 2.20.16 Any replacements during warranty period should be free of cost. If the defective item has to be sent back to the Principal Supplier, for such replacements / returns to the Principal Supplier / Indian Agent has to bear documentation charges. If the cost of replacement is upto Rs.5 Lakh then the documentation charges will be Rs.5,000/- and above Rs. 5 Lakh it is Rs. 10,000/-. Such charges have to be paid in favour of The Director, NIO, Goa. These charges are only for documentation. Any charges regarding packing, forwarding, freight, insurance, etc. should be borne by the Principal supplier / Indian Agent for returning of defective items. In other words, any warranty replacement has to be done immediately/within a week (7 days) without expecting NIO to export the defective items to Principal supplier for repair/replacements. All charges involved for re-export of defective items have to be borne by Principal supplier / Indian Agent.

2.21 Terms of Payment

- 2.21.1 The method and conditions of payment to be made to the Supplier under this Contract shall be as specified in the SCC.
- 2.21.2 The Supplier's request(s) for payment shall be made to the Purchaser in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted pursuant to Delivery and document Clause of the GCC and upon fulfilment of other obligations stipulated in the contract.
- 2.21.3 Payments shall be made promptly by the Purchaser but in no case later than thirty (30) days after submission of the invoice or claim by the Supplier. While claiming the payment, the supplier should certify in the bill/invoice that the payment being claimed strictly in terms of the contract and all obligations on the part of the supplier for claiming the payment have been fulfilled as required under the contract.

Mandatory fields in Tax Invoice and Receipt	Name, address and GSTIN of the supplier
Vouchers	
Invoice Number and Date	Customer Name & GSTIN [CSIR-NAL]
Shipping and billing Address	Place of Supply
HSN Code/SAC Code	Item details i.e. description, quantity
	(number), unit, the total value
Taxable value and discounts	Rate and amount of taxes i.e.
	CGST/SGST/IGST
Signature of the Supplier	

- 2.21.4 Payment shall be made in currency as indicated in the contract.
- 2.21.5 Advance payment will be paid in exceptional cases only against equivalent amount of Bank Guarantee or Stand by Letter of credit valid till acceptance of all ordered goods and services. Advance payment shall not exceed 30% of Purchase Order value.

2.22 Change Orders and Contract Amendments

2.22.1 The Purchaser may at any time, by written order given to the Supplier pursuant to Clause on Notices of the GCC make changes within the general scope of the Contract in any one or more of the following:

(;	a)	Increase or decrease in the quantity required, exercise of quantity opinion clause;	
(b)	Changes in schedule of deliveries and terms of delivery;	
(c)	The changes in inspection arrangements;	
(d)	Changes in terms of payments and statutory levies;	
(e)	Changes due to any other situation not anticipated;	

- 2.22.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be ascertained within fifteen (15) days from the date of the Supplier's receipt of the Purchaser's change order.
- 2.22.3 No variation or modification in the terms of the contract shall be made except by written amendment signed by the parties.

2.23 Assignment

2.23.1 The Supplier shall not assign, in whole or in part, its obligations to perform under the Contract, except with the Purchaser's prior written consent.

2.24 <u>Subcontracts</u>

2.24.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or duties or obligation under the contract.

2.25 Extension of time.

- 2.25.1 Delivery of the Goods and performance of the Services shall be made by the Supplier in accordance with the time schedule specified by the Purchaser.
- 2.25.2 If at any time during performance of the Contract, the Supplier or its sub-contractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may, at its discretion, extend the supplier's time for performance with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.
- 2.25.3 Except as provided under the Force Majeure clause of the GCC, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to liquidated damages Clause of the GCC unless an extension of time is agreed upon pursuant to above clause without the application of penalty clause.

2.26 Penalty Clause / Liquidated Damages

2.26.1 Subject to GCC Clause on Force Majeure, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as penalty, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services or contract value in case the delivered price of the delayed goods or unperformed services cannot be ascertained from the contract, for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the Percentage specified in SCC. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause on Termination for Default. The SCC shall also indicate the basis for ascertaining the value on which the penalty shall be applicable.

2.27 <u>Termination for Default</u>

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

(a)	If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the
	contract, or within any extension thereof granted by the Purchaser pursuant to GCC
	Clause on Extension of Time; or
(b)	If the Supplier fails to perform any other obligation(s) under the Contract.
(c)	If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent or
	collusive or coercive practices etc as defined in GCC Clause and ITB clause on code of
	integrity in competing for or in executing the Contract.

2.27.2 In the event the purchaser terminates the contract in whole or in part, he may take recourse to any one or more of the following action:

(a)	The Performance Security is to be forfeited;
(b)	The purchaser may procure, upon such terms and in such manner as it deems
	appropriate, stores similar to those undelivered, and the supplier shall be liable for all
	available actions against it in terms of the contract.
(c)	However, the supplier shall continue to perform the contract to the extent not
1	terminated.

2.28 Force Majeure

- 2.28.1 Notwithstanding the provisions of GCC Clauses relating to extension of time, Liquidated damages and Termination for Default the Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 2.28.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 2.28.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof within 21 days of its occurrence. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 2.28.4 If the performance in whole or in part or any obligations under the contract is prevented or delayed by any reason of Force Majeure for a period exceeding 60 days, either party may at its option terminate the contract without any financial repercussions on either side.

2.29 <u>Termination for Insolvency</u>

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

2.30 <u>Termination for Convenience</u>

- 2.30.1 The Purchaser, by written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 2.30.2 The Goods that are complete and ready for shipment within 30 days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:
 - (a) To have any portion completed and delivered at the Contract terms and prices; and/or
 (b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and for materials and parts previously procured by the Supplier.

2.31 Settlement of Disputes

- 2.31.1 The Purchaser and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 2.31.2 If, after twenty-one (21) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.
- 2.31.3 The dispute settlement mechanism/arbitration proceedings shall be concluded as under:
 - (a) If any dispute or difference arises between the parties hereto as to the construction, interpretation, effect and implication of any provision of this agreement including the rights or liabilities or any claim or demand of any party against other or in regard to any other matter under these presents but excluding any matters, decisions or determination of which is expressly provided for in this Agreement, such disputes or differences shall be referred to an Arbitral Bench consisting of three Arbitrators, one each to be appointed by each party and the two Arbitrators shall appoint a third Arbitrator who shall be the presiding Arbitrator. A reference to the Arbitration under this Clause shall be deemed to be submission within the meaning of the Arbitration and Conciliation Act, 1996 and the rules framed thereunder for the time being in force. Each party shall bear and pay its own cost of the arbitration proceedings unless the Arbitrators otherwise decides in the Award. The venue of arbitration should be the place from where the Contract has been issued.
 - (b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.
- 2.31.4 The venue of the arbitration shall be the place from where the purchase order or contract is issued.
- 2.31.5 Notwithstanding, any reference to arbitration herein,
 - (a) The parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
 - (b) the Purchaser shall pay the Supplier any monies due the Supplier.

2.32 Governing Language

2.32.1 The contract shall be written in English language which shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the English language only.

2.33 Applicable Law / Jurisdiction

2.33.1 The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction as specified in SCC.

2.34 Notices

- 2.34.1 Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX, e-mail or and confirmed in writing to the other party's address specified in the SCC.
- 2.34.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

2.35 <u>Taxes and Duties</u>

2.35.1 For goods manufactured outside India, the Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside India.

- 2.35.2 For goods Manufactured within India, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred till its final manufacture/production.
- 2.35.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in India, the Purchaser shall make its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent without any commitment.
- 2.35.4 a) All payments due under the contract shall be paid after deduction of statutory levies (at source) (like TDS, IT, TCS etc.) wherever applicable. In this connection Gol notification may be referred to before submitting quote on their own interest. Statutory deductions will be done accordingly at the time of payment.
 - b) If the supplier have not filed Income Tax Returns for the latest FY, TDS/TCS is applicable as per Income Tax Act.
 - Withholding Taxes are applicable on Foreign payments such as but not limited to Royalty, Fees for Technical Services etc..

2.35.5 Customs Duty:

- a) If the supply is from abroad this Institute is permitted to import goods as per notification No.51/96 – Customs and pay a concessional duty up to 5% plus surcharges, if any as per notification 24/2002 – Customs on all imports.
- b) The Certificates is issued without any commitment by CSIR-NAL. Hence, the supplier should ensure its applicability for their own interest.

2.35.6 **GST**

- (a) The Purchaser is registered with Dept. of Scientific & Industrial Research, Govt. of India and concessional customs duty and GST & IGST are leviable vide notification No. 54/2002-Customs on all imports covered under Notification No.51/96-Customs dated 23.07.1996, Notification No.47/2017-Integrated Tax (Rate) and Notification No. 45/2017-Central Tax (Rate) both dated 14th November, 2017.
- (b) The Certificates is issued without any commitment by CSIR-NAL. Hence, the supplier should ensure its applicability for their own interest.

2.36 Right to use Defective Goods

2.36.1 If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

2.37 Protection against Damage

2.37.1 The system shall not be prone to damage during power failures and trip outs. The normal voltage and frequency conditions available at site as under:

(a)	Voltage 230 volts - Single phase/ 415 V 3 phase (+_ 10%)
(b)	Frequency 50 Hz.

2.38 <u>Site preparation and installation</u>

2.38.1 The Purchaser is solely responsible for the construction of the equipment sites in compliance with the technical and environmental specifications defined by the Supplier. The Purchaser will designate the installation sites before the scheduled installation date to allow the Supplier to perform a site inspection to verify the appropriateness of the sites before the installation of the Equipment, if required. The supplier shall inform the purchaser about the site preparation, if any, needed for installation, of the goods at the purchaser's site immediately after notification of award/contract.

2.39 Import and Export Licenses

- 2.39.1 If the ordered materials are covered under restricted category of EXIM policy in India the Bidder/ Agent may intimate such information for obtaining necessary, license in India.
- 2.39.2 If the ordered equipment is subject to Bidder procuring an export license from the designated government agency / country from where the goods are shipped / sold, the Vendor/Bidder has to mention the name, address of the government agency / authority. The Bidder must also mention the time period within which the license will be granted in normal course.

2.40 Risk Purchase Clause

2.40.1 If the supplier fails to deliver the goods within the maximum delivery period specified in the contract or Purchase Order, the purchaser may procure, upon such terms and in such a manner as it deems appropriate, Goods or Services similar to those undelivered and the Supplier shall be liable to the purchaser for any excess costs incurred for such similar goods or services.

2.41 Option Clause / Purchaser's right to vary quantities

2.41.1 The Purchaser reserves the right to increase or decrease the quantity of the required goods up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period (or the extended delivery period)

2.42 Integrity Pact

- 2.42.1 As per directive of the CVC all organizations including CSIR laboratories / institutes have to adopt an Integrity pact (IP) to ensure transparency, equity and competitiveness in major Public procurement having procurement value above Rs.3 Crore. The integrity pact envisages an agreement between the prospective bidders / vendors with the buyer committing the persons / officials of both the parties with the aim not to exercise any corrupt influence on any aspect of the contract. Only those bidders / vendors, who are willing to enter in to such an integrity pact with the Purchaser, would be competent to participate in the bidding.
- 2.42.2 The SCC shall specify whether there is a need to enter into a separate Integrity pact or not.
- 2.42.3 The names and contact details of the Independent External Monitors (IEM) on the event of the need of IP is as detailed in the SCC.

2.43 Order Acceptance

- 2.43.1 The successful bidder should submit Order acceptance within 14 days from the date of issue of order/signing of contract, failing which it shall be presumed that the Bidder is not interested and his bid security is liable to be forfeited pursuant to ITB clause 1.16.11.
- 2.43.2 The order confirmation must be received within 14 days. However, the Purchaser has the powers to extend the time frame for submission of order confirmation beyond the original date. Even after extension of time, if the order confirmation is not received, the contract is liable to be cancelled provided that the purchaser, on being satisfied that it is not a case of cartelization and the integrity of the procurement process has been maintained, may, for cogent reasons, 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.

CHAPTER 2

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) shall supplement and / or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

SI.No.	GCC Clause Ref	Condition
1	GCC 2.1.1(I)	The Purchaser is:
		The Director
		CSIR- National Aerospace Laboratories
		HAL Airport Road, Kodihalli, Bengaluru – 560017
		Karnataka-India
		Tel #: 00 91 80 2508 6040/6041/6044
		Fax #: 00 91 80 25269611
		Email: purchasek@nal.res.in/mkala@nal.res.in
		Bill to address is same as above
2	GCC 2.1.1(m)	The Final Destination is:
		CSIR- National Aerospace Laboratories
		HAL Airport Road, Kodihalli, Bengaluru – 560017
		Karnataka-India
		Tel #: 00 91 80 2508 6040/6041/6044
		Fax #: 00 91 80 25269611
		Email: purchasek@nal.res.in/mkala@nal.res.in
3	GCC 2.13.1	Performance Security
		The amount of the Performance Bank Guarantee shall be 3% of the contract
		value to be submitted within 21 days from the date of PO valid up to 60 days
		after the date of completion of performance obligations including warranty
		obligations.
4	GCC 2.16.3	Delivery - Mode of Transportation/Shipment
		a) In case of supplies from within India, the mode of transportation shall
		be by Road/Rail/etc.,
		b) In case of supplies from abroad, the mode of transportation shall be by
		AIR/SEA
		c) DELIVERY TERM: CSIR-NAL, Delivery
5	GCC 2.17.1	Insurance
		From Abroad
		The Insurance shall be for an amount equal to 110% of the CIF or CIP value
		of the contract from within "warehouse to warehouse (final destination)" on
		"all risk basis" including strikes, riots and civil commotion.
		Mish in India
		Within India The Insurance shall be far an amount equal to 44.00% of the invalor value of
		The Insurance shall be for an amount equal to 110% of the invoice value of
		the contract from "warehouse to warehouse (final destination)" on "all risk basis" including strikes, riots and civil commotion.
6	GCC 2.21.3	The period of validity of the Warranty shall be
	2005 55 /	The Warranty details are as per Chapter-4
7	GCC 2.22.1	Payment Terms
		The method and conditions of payment to be made to the Supplier under this
		Contract shall be as follows:
		A Payment for Goods supplied from abroad
		Payment of foreign currency portion shall be made in currency of the
		Contract by Irrevocable Letter of Contract for 100% value of Purchase Order in the following manner:
		(a) On Shipment: 90 percent (90%) of the Contract Price of the Goods
		shipped shall be paid through irrevocable letter of credit opened in
		favour of the Supplier in a bank in its country, upon submission of
		documents specified in GCC Clause 2.15
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	1	
		(b) On Acceptance: 10 percent (10%) of the Contract Price of Goods received shall be paid on successful installation, commissioning & training upon submission of claim supported by the acceptance certificate issued by the Purchaser subject to validity of Performance Security, if any.
		(c) The LC for 100% value of the contract shall be established after deducting the agency commission payable if any, to the Indian agent from the FOB/FCA value.
		 (d) > The L/C will be confirmed at the supplier's cost, if requested specifically by the supplier. > All bank charges abroad shall be to the account of the beneficiary i.e. supplier and all bank charges in India shall be to the account of the opener i.e. purchaser.
		➢ If L/C is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the suppliers' account.
		(e) Payment of local currency portion shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed.
		B Payment for Goods and Services supplied from India
		The payment shall be made in Indian Rupees, as follows:
		(a) 100% after Supply, Installation, Commissioning, Training and Acceptance, subject to validity of Performance Security to cover warranty obligations
		(b) 100% through Inland Letter of Credit opened in favour of supplier through CSIR-NAL Bank (State Bank of India), will be decided, as the case may be.
		(c) E-Payment: All payments, CSIR-NAL prefers to make Electronic
		Transfers (RTGS) through State Bank Of India, NAL Branch, Bengaluru.
		(d) All payments due under the Contract shall be paid after deduction of statutory levies at source (like TDS, Income Tax, TCS etc.), wherever
		applicable.
8	GCC 2.27.1	Liquidated Damages (LD)/Penalty
		(a) As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to, otherwise will have to forfeit the EMD/PS and also LD clause will be applicable / enforced.
		(b) If the Supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay LD/penalty of 0.5% of order value per week of delay subject to maximum of 10% beyond the due date. Such money
		will be deducted from any amount due or which may become due to
		the Supplier (c) CSIR-NAL reserves the right to cancel the Purchase Order in case the
		(c) CSIR-NAL reserves the right to cancel the Purchase Order in case the delay in supply is more than 10 weeks. Penalties, if any, will be
		deducted from the EMD/PS
		(d) The maximum amount of penalty shall be 10%
		(e) The LD/Penalty shall be levied on the delivered price of the delayed
0		Goods or unperformed Services or Contract Value.
9	-	Applicable Law / Jurisdiction The place of jurisdiction is Bengaluru, India.
10	GCC 2.35.1	For notices, the Purchaser's address is
		The Director
		Attention: The Sr. Controller of Stores & Purchase
		CSIR- National Aerospace Laboratories
		PB No.1779, HAL Airport Road, Kodihalli, Bengaluru – 560017, Karnataka-India
		Tel #: 00 91 80 25086040/6041/6044
		Fax #: 00 91 80 25080040/ 6041/ 6044
i	1	
		Email: purchasek@nal.res.in, mkala@nal.res.in
11	GCC 2.43.1	Email: purchasek@nal.res.in , mkala@nal.res.in Integrity Pact - The integrity pact is not to be signed. However, efforts must

CHAPTER 3

(To be filled by the bidder and enclosed with the Technical Bid)

SCHEDULE OF REQUIREMENT

The Schedule of Requirement must clearly specify the time frame required (Schedule) for delivery of goods and services to be completed by the bidder (in reference to Scope of Supply given in Clause-4.2 of Chapter-4) if the Contract is awarded for the offer / proposal submitted by the bidder in response to this Tender.

. No.	/ Schedule: Brief Description of Goods	Quantity &	Delivery Schedule		
. 140.	and Services	Unit	Donvory Ochedule		
Poriod /	of delivery shall start from :	1			
renou	or delivery shall start from				
	Delivery / Delivery Term (named port of ls from Abroad	shipment or named pl	lace of delivery:		
GOOD	is ITOTII ADTOAU				
Good	ls from India				
Scope	of Supply:				
	ame required for conducting installation				
training Sr. N	, etc. after the arrival of consignment or o. Activit		uipment: Time Frame		
SI. N	o. Activit	у	Time Frame		
1	Site Preparation (if required)	Site Preparation (if required)			
2	Installation & Commissioning				
	Assertance Test				
3	Acceptance Test				
4	Training				
5	(Location, No. of persons, period of	training, nature of trai	ning)		
e :	S	ignature of the Bidder			
		ignature of the Blader			
e :					
es for Bio		-i			
		e delivery schedule shall clearly indicate the time period within which the successful biddenst deliver the consignment in full from the date of establishment of LC or from the date of			
co	ontract or from the date of advance pay	ment etc. It should al	so indicate separately the ti		
	eriod desired for installation and con		equipment after arrival of		
	onsignment at the premises of the Purch ne date or period for delivery should be c		ng into account the implicati		
of	delivery terms stipulated in the Instruc	tions to Bidders pursu	ant to the Incoterms rules (
	XW, or CIF, CIP, FOB, FCA terms—that "d				
	arriers), and the date prescribed herein f ward, contract signature, opening or co				
	wara, contract signature, opening of Cl	Annination of the 16th	ici di dicuit, date di leleat		

<u>Chapter 4</u> <u>Specifications and Allied Technical Details for 100 kN Universal Testing machine system with Dual Test Space (Test area above and below the moving cross head)</u>

4.1 End Use:

To evaluate material properties of composite & metal test specimens for LCA-Tejas & other aircraft programmes and projects of the laboratory.

4.2 **Detailed Specifications**

SI.No	Item Description	Qty
	Load frames	01 set
	 a) The dual column loading frame shall be capable of tension, compression, flexure, shear, and reverse stress testing. It should include a digital closed loop command and feedback motion control system with a high performance, brushless AC servomotor. Suitable front transparent safety door/shield should be provided on the load frame. The safety door should slide sideways. (Left side). b) Remote control unit with display. It shall have live display for load and cross head displacement, start, stop and return functions, functions keys, machine and test status indicators, variable speed jog and specimen protection. The remote unit must have clearly labeled buttons to jog the cross head UP/DOWN. When released, the frame crosshead should stop. It shall have provisions to move cross head up and down from minimum to maximum test space height. It should be attached on the right hand side of Load frame. It shall also have a fine position wheel/knob to move the frame crosshead in small increments to aid in the installation and removal of fixtures. c) The load frame axial stiffness should be > 110 kN/mm d) For maintenance of load frame, suitable grease gun and grease shall 	O1 set
	be provided. e) The test area (height and width) of the load frame should be suitable	
1	 Lower Test Area (Test Area between moving Crosshead and the bottom base support of Load frame) 100kN Load cell is to be fixed in this test space (for room temperature and elevated temperature test with environmental Chamber) a) 100 kN load cell to be mounted in this test space (suitable adapters, connectors, pins any other accessories required are to be provided). b) Alignment correction tool/fixture is to be mounted (suitable adapters, connectors, pins/any other accessories required are to be provided). c) Environmental Chamber is to be used in this bottom test space for all elevated and/cold temperature tests. d) Tensile Test (ASTM D3039) at room temperature and elevated temperature. (-70°C to 250°C) in environmental chamber for 250 mm length of specimen. (Suitable adapters, pins, push & pull rod and any other attachments are to be provided so that tensile test can be performed inside the environmental chamber). e) Compression Tests (ASTM D3410, ASTM D695, ASTM D6641, ASTM D6484, ASTM D6742, ASTM C365) at room temperature and elevated temperature (-70°C to 300°C) in environmental chamber (suitable adapters, pins, push & pull rod are to be provided so that all the above mentioned tests can be performed inside the environmental chamber). All accessories are to be suitable to Wyoming Test fixtures. 	

- f) Suitable for other Tensile mode tests (ASTM D5766, ASTM D6742, ASTM D1002, ASTM C297, ASTM D7332, ASTM D3518 and ASTM D5961) at room temperature and elevated temperature (-70°C to 250°C) in environmental chamber.
- g) Tensile and compression test for metal specimens as per ASTM standards.

All tensile mode tests are to be conducted at -70°C to 250°C. All compression mode tests to be done between -70°C to 300°C.

2. <u>Upper Test Area (Test area between moving crosshead and fixed crosshead which is at the top of the Load frame)</u>; 5 kN Load cell is to be fixed in this test space.

The upper test area should be capable of conducting the following tests:

- a) Tensile tests with suitable tensile grips for 5kN Load capacity at room temperature conditions. (Suitable adapters, pins, connectors, reducers and any other attachments are to be provided).
- b) Compression Tests (for Load capacity up to 5 kN) at room temperature conditions (suitable adapters, pins, push & pull rod, compression platens (80-90 mm Dia with locknuts are to be provided)
- c) Long beam shear test ASTM D7264 and short beam shear test ASTM D2344 at room temperature conditions to be carried out at this test space (Suitable connectors, reducers, pins are to be provided for connecting Wyoming test fixtures for these tests).
- d) The precision screws shall be fully enclosed to eliminate pinch points and protect precision surfaces from damage due to grit and contamination.
- e) The load frame/remote control unit shall include a bright red ISO approved emergency stop switch. For safety purposes, the system shall not restart the crosshead movement when the emergency stop button is released.
- f) The frame shall include dual level mechanical limit switches on the front of the frame that prevent the crosshead from traveling too high or too low. The adjustable knob on the limit rod should be a bright color, to be easily visible to the operator. The first level switch should stop the crosshead and the second level limit switch to cut the power to the frame, should the first level limits ever fail in the future.
- g) The frame shall freely stand on the floor without the need for foundation. It should have adjustable levelling feet or leg profiles by which height of the machine can be levelled/adjusted and shall have an integrated graduated measurement scale.
- h) The maximum load capacity shall be at least 100kN (10,000 kg, 22,500 lbs).
- i) Stiffness of load frame shall be suitable for continuous 100 kN load test. Load frame should have sufficient Lateral stiffness.
- j) The speed range should be 0.001 mm 1,000 mm/min and shall be settable continuously. The return speed shall be 800 mm/min or more.
- k) The steady state speed accuracy shall be within +/-0.1% of set speed measured over full speed range.
- I) The maximum load at full speed shall be at least 75 kN or better (16,860 lbs).
- m) Maximum Speed at Full Load must be 750 mm/min or better.
- n) For safety purposes, the frame shall incorporate an auto-frame standby mode that automatically stops the frame when the transducer, interface, or computer is disconnected or shutdown.

	0)	The frame shall include integrated slots on the front and rear of both	
		column covers for easy mounting of accessories.	
	p)	The movement of cross head shall be controlled through the PC and	
	β)	software.	
	100 kN	I and 5 kN shear beam load cells	01 set
			OTSEC
	-	All the load cells shall be suitable for both tension and compression.	
	b)	The system should be supplied with a 100 kN (22,500lb) capacity	
		load cell. It is to be mounted in the Lower test area.	
	c)	5 kN load cell shall be supplied. It is to be mounted on the upper test	
		area. However, this load cell shall also be usable in either of the test	
		area/space.	
	d)	Calibration certificate should be provided for both the load cells on	
		the basis of ISO.	
	e)	Any load cell provided shall have 105% over range protection that will	
		stop the frame cross head automatically. For safety purposes, the	
		maximum load for a test should be set by identification electronics	
		located in the connector directly attached to the load cell. Operators	
		should not have to select the capacity of a load cell from a list or type	
		in a value in order to calibrate different load cells. Because this	
		identification connector automatically sets the maximum load for a	
		test, this connector should not be detachable from the load cell to	
		prevent it to be used with a smaller capacity load cells.	
2	f)	Position measurement accuracy: Better or equal to ±0.0002 mm.	
	g)	Load measurement Accuracy: High precision auto- ranging load cell	
		with very low nominal deformation of less than 0.5mm and accuracy	
		$\pm 1\%$ of reading down to 1/500 of load cell capacity complying with ISO	
		7500-1.	
	h)	Strain Measurement Accuracy: ASTM E83 class B or ISO 9513 Class	
		1 extensometer.	
	i)	To avoid expensive repairs and downtime, the tension/compression	
	ŕ	load cell shall have an overload capacity without permanent zero shift	
		of 150% of force capacity. It should have high resistance to offset	
		loading.	
	j)	Suitable mounting interface, mounting stud, fittings, pins, adapters,	
	,	connectors, reducers shall be provided according to our dual space	
		testing requirements.	
	k)	The Load cells should allow the user to zero out the tare weight of a	
		grip or fixture that weighs up to 10% of force capacity, while still	
		maintaining full specified accuracy.	
	l)	Access to verify and adjust the calibration of both 5 & 100 kN load	
	,	cells to be provided.	
	Control	electronics	01 set
	a)	Each Load cell should have a separate connector housing/module in	
		the electronics unit (one connector housing/module for 100 kN load	
		cell and another connector housing/module for 5kN).	
	b)	The electronics should detect the load cell automatically. The software	
	2)	and electronics should take care of the safety limits of each load cell. It should have industry standard Ethernet interface to the computer.	
	c)	It should have Industry standard Ethernet interface to the computer for fast, reliable communication with laptop or desktop.	
3	d)	Control electronics shall also be connected to external Desktop PC	
		/Laptop in addition to the operator dash board if provided with the	
		machine.	
	e)	It shall have sufficient port and connector housing for all	
		components/modules (i.e., Load cells, extensometer, remote control	
		unit, Alignment kit, Analog output module/card, environmental	
	f)	chamber, etc.) Analog output voltage (4 outputs) shall be provided. The outputs	
	f)	should be available from both load cells (100 & 5 kN). All the 4 outputs	
<u> </u>	I	onouna so avanasio nom sour loud cons (±00 & 0 kiv). All the + butputs	

could be configured for Load/cross head extension or combination of load and cross head extension. g) It shall have provision to move the cross head up and down without switching on the software in case of emergency. h) It shall have 24-bit resolution card with data acquisition rate of minimum 500 Hz simultaneously on load, extension and strain channels. i) To save energy the controller should automatically switch to Eco mode when not in use. j) The controller should have data sampling rate of 400 kHz or better. k) It shall integrate all sub-systems and components to function as a complete operating system. Extensometer with suitable measurement module/sensor Conditioner card. a) Gauge length 10 mm, ±5% and above strain measurement b) Operating temperature -50° C to 150° C c) Extension rod shall be provided to vary the gauge length to 20 and 30 mm. e) The resolution of extensometer must be better than or equal to 0.03 µm. e) The measurement module/sensor conditioner card should provide closed loop control and data acquisition capability for transducers. f) A stand/support shall be provided on the cover of load frame to place the extensometer, so that extensometer support points are not damaged. Alignment fixture kit for 100 kN load cell flower Test Area) It shall consist of: a) Alignment or correction/verification fixture with accessories (For adjustment of eccentricity, angular misalignment of loading axis) b) Electronics unit and alignment software c) Software and electronics for measurement of specimen bending and to detect the eccentric, angular misalignment of loading axis, Software shall perform graphical display and test report generation for validation of testing system alignment. d) Instrumented sample/strain-gaged alignment cell as per ASTM E1012 shall be provided. Analog voltage output module/seard a) It shall be compatible with control electronics. b) The output module shall be synchronized with HBM or any other Data logger. C) Analog output voltage (4 outputs) shall be provided. The outputs		•		1
switching on the software in case of emergency. h) It shall have 24-bit resolution card with data acquisition rate of minimum 500 Hz simultaneously on load, extension and strain channels. i) To save energy the controller should automatically switch to Eco mode when not in use. j) The controller should have data sampling rate of 400 kHz or better. k) It shall integrate all sub-systems and components to function as a complete operating system. Extensioneter with suitable measurement module/sensor Conditioner card a) Gauge length 10 mm, ±5% and above strain measurement b) Operating temperature -50° to 150° C c) Extension rod shall be provided to vary the gauge length to 20 and 30 mm. d) The resolution of extensometer must be better than or equal to 0.03 µm. e) The measurement module/sensor conditioner card should provide closed loop control and data acquisition capability for transducers. f) A stand/support shall be provided on the cover of load frame to place the extensometer, so that extensometer support points are not damaged. Alignment fixture Kit for 100 KN load cell (lower Test Area) It shall consist of: a) Alignment correction/verification fixture with accessories (For adjustment of eccentricity, angular misalignment of loading axis. Software shall perform graphical display and test report generation for validation of testing system alignment. d) Instrumented sample/strain-gaged alignment cell as per ASTM E1012 shall be provided. e) Alignment measurement and alignment to tensile axis as per ASTM E1012 shall be compatible with control electronics. b) The output module/card a) It shall be compatible with control electronics. b) The output module shall be synchronized with HBM or any other Data logger. c) Analog voltage output module/card a) It shall be compatible with control electronics. b) The output module shall be synchronized with HBM or any other Data logger. c) Analog voltage for Load/cross head extension or combination of load and cross head extension. 100 kM Manual Wedge Action Grips with suitab		۵)	load and cross head extension.	
minimum 500 Hz simultaneously on load, extension and strain channels. i) To save energy the controller should automatically switch to Eco mode when not in use. j) The controller should have data sampling rate of 400 kHz or better. k) It shall integrate all sub-systems and components to function as a complete operating system. Extensometer with suitable measurement module/sensor Conditioner card a) Gauge length 10 mm, ±5% and above strain measurement b) Operating temperature -50° to 150° C c) Extension rod shall be provided to vary the gauge length to 20 and 30 mm. d) The resolution of extensometer must be better than or equal to 0.03 µm. e) The measurement module/sensor conditioner card should provide closed loop control and data acquisition capability for transducers. f) A stand/support shall be provided on the cover of load frame to place the extensometer, so that extensometer support points are not damaged. Alignment fixture kit for 100 KN load cell (lower Test Area) It shall consist of: a) Alignment correction/verification fixture with accessories (For adjustment of eccentricity, angular misalignment of loading axis) b) Electronics unit and alignment software c) Software and electronics for measurement of specimen bending and to detect the eccentric, angular misalignment of loading axis. Software shall perform graphical display and test report generation for validation of testing system alignment. d) Instrumented sample/strain-gaged alignment cell as per ASTM E1012. Shall be provided. Analog voltage output module/card a) It shall be compatible with control electronics. b) The output module shall be synchronized with HBM or any other Data logger. C) Analog output voltage (4 outputs) shall be provided. The outputs should be available from both load cells (100 & 5 kN). All the 4 outputs could be configured for Load/cross head extension or combination of load and cross head extension. 100 kN Manual Wedge Action Grips with suitable law inserts for flat and round inserts for Flat specimen: Diamond serrated		<i>-</i>	switching on the software in case of emergency.	
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11 mm). Operating Temperature: -70°C to 250°C, Fmax: 100 kN.				
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	e)	Specimen centering device and any additional accessories or pins.	
	5 kN M	Manual wedge action grips with suitable jaw inserts for Flat specimens	01 set
	a)	Manual wedge action grips, Fmax 5 kN - 1 pair	
	b)	Jaw Inserts for Flat specimen: Jaw inserts/faces, steel, Flat serrated.	
8		Minimum Height x width = 40 x 25 mm.	
	c)	Both wedge and jaw faces shall be suitable for testing flat specimens	
		from 0 to 10 mm.	
		mental Chamber (Operating temperature: -70 °C to 300°C or better)	01 set
		ller mountings and support frames suitable to the dual test space UTM	
	a)	This chamber should be suitable for cold and elevated temperature	
		tests as per the Lower test area requirements. (Refer serial no.1. Lower Test space/area requirements).	
	b)	Suitable high temperature (-70°C to 300°C) push and pull rods and	
		connecting pins should be provided. The measurement of	
		temperature should be measured near to the specimen.	
	c)	Provision should be available to control the chamber operation	
		through UTM software and also independent of UTM through a display	
		and control unit (with fan speed control and temperature setting	
		provision for cold and elevated temperature, internal light on/off	
		switch, etc.) fitted on the chamber. The external display and control	
		unit shall have a separate low and high speed switch control for	
		changing the fan speed. It should have an internal light with an external on/off switch.	
	d)	It shall have transparent heating windows, door handle for opening	
	۵ <i>)</i>	and closing the door. The chamber should switch off automatically	
		when the door is in open condition and switch on automatically when	
		the door is closed. It should have easy removable slot/segments to	
		facilitate roll-in or roll-out of chamber without removal of pull rods and	
		grips.	
	e)		
9		2°C.	
	f)	Accuracy: Ambient to 100°C: ± 1°C	
		101°C to 150°C : ± 1.5°C	
		151°C to 250°C : ± 2.5°C	
		251°C to 300°C : ± 3.5°C	
	g)	It should be capable of maintaining temperature below ambient up to	
		-70°C with ± 1°C accuracy.	
	h)	Tensile Test ASTM D3039(Specimen length 250 mm), IITRI	
		compression test ASTM D3410 (Specimen length 140 mm) and Open	
		hole compression test ASTM D6484 (Specimen Length 305 mm) are	
		to be carried out at 150 °C inside the chamber as a part of Inspection	
		and acceptance test. The chamber shall have suitable Internal height, width and depth to attach/detach the test fixtures, tensile grips,	
		accessories. It shall have sufficient internal height for movement of	
		cross head during testing.	
	i)	It should be capable of achieving the ramping step of 15 °C within ≤	
		5 minutes.	
	j)	LN2(liquid nitrogen) steel braided Inlet hose of 6m length and 3m	
		length with suitable connectors are to be supplied. Hoses should be	
		properly Insulated.	
	k)	LN2(liquid nitrogen) vent hose of 6m length is to be supplied. LN2 inlet	
		supply mechanism to be simple, robust & flexible to automatic control	
		of flowrate. The liquid nitrogen input manifold and the hoses should be insulated to ensure any leakage does not affect other parts of the	
	<u> </u>	be insulated to ensure any leakage does not direct other parts of the	

system. The electronics control system should be shielded from the liquid nitrogen flow area.

1 no.

I) It shall have suitable arrangement (mountings and fittings) for easy roll-out when not in use.

Machine Software

1. General

- a) The software must have three levels of user access based on his or her login name and include password protection.
- b) The software should have the capability for tension, compression, flexure, tear, adhesion and test control based on extension, Load and strain.
- c) The operating software shall allow the user to select from a list of languages to be displayed.
- d) The software should be latest Windows OS compatible.
- e) The software must have an Advanced Programming Interface (API).
- f) The software shall allow the user to add their own company logo to the software home screen.
- g) The software shall allow a user to configure a specific transducer (such as load cell or extensometer) and link it with a specific method such that the method will require that the specific transducer is used. If a different transducer is
 - connected when a test is run with that method, the test will not run. The transducer can be identified by either R-code or Serial ID.
- h) The software shall allow the user to run a test in a prompted mode, such that the user is guided through the testing process in a step by step fashion with the assistance of text, pictures, audio and video as necessary.
- i) The software should have provision to upgrade for an intuitive interface to search, filter, analyze results across multiple samples, and accelerate results analysis workflow from historical data either for single machine or from the multiple machines in the lab.
- j) The testing software should have all in one education module/package. All the master test program (for testing polymer composite material as per ASTM standards) should be provided with graphical sequence editor.
- k) The software should allow user to define their own parameter (user defined calculation) for any type of test based on load /Maximum load values.
- The machine software on a suitable media should be provided

2. User Interface

- a) The control software will be a true graphical user interface meeting all of the Microsoft Windows standards. DOS based software is not acceptable.
- b) Digital displays on the computer monitor should show live readings of all physical measurements, such as load, displacement, and optional strain and virtual measurement values in engineering units that can be selected to be Metric, S.I., U.S. customary.
- c) Multiple numbers of live display windows shall be available for display simultaneously.
- d) The software shall allow the user to define significant digits or decimal places for all live displays.
- e) The software shall allow the user to assign up to 4 Live/ soft keys on the test UI providing quick access to functionality such as: balance load/Zero Load, balance strain, reset gauge length and balance all/zero for Load and extension.
- The software shall have at least 2 user defined graphs.

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- g) The software shall provide its own raw data viewer and not require the user to go to an external program to see a table of individual data points.
- h) The software shall have auto scaling plots.

3. Test Control

- a) The software shall allow for a wide variety of tests to be performed, including tension, compression, flexure, peel, tear, friction, creep, stress relaxation, cyclic test and block testing.
- b) The software shall allow for control on any physical transducer (load, strain, crosshead extension, etc. with the exception of video-type strain devices).
- c) The software shall allow the user to create a multiple numbers of measurements for use in live displays, graphing and results. The measurements are either derived from physically connected transducers (such as load, strain or crosshead extension) or from an expression.
- d) The software shall allow the user to end a test based on up to 4 different criteria/conditions simultaneously.
- e) The software shall allow the user the option to store data in time based increments directly to the hard drive such that no data is lost from the specimen under test in the case of a power loss.
- f) The software shall allow for data collection on up to 3 different measurements, including, but not limited to load, time, and extension.
- g) The software shall allow for recording of a test with a USB camera device (such as a webcam).
- h) The software should have provision for setting two test speed for any type of test and for any specimen under test. The change over from one speed to another shall be controlled, in terms of Load and/or extension.

4. Calculations & Results

- a) The software shall have at least 2 different results tables.
- b) The software shall allow the user to define a calculation based on either a standard expression or unary expression.
- c) The software shall allow the user to define rounding rules for each calculation.
- d) The software shall allow for peak, modulus and yield calculations to be evaluated real-time during the test and displayed in the live displays.
- e) The software shall allow for results to display in the live displays.

5. Outputs & Exports

- a) The software shall allow the user to choose between MS Word, PDF or HTML report format types.
- b) The software shall allow the user to export raw data into a .CSV file per specimen.
- c) The software shall allow the user to export results into a .CSV file per sample.
- d) The software shall allow the user to create and save any number of report templates that include graphs, results tables, pictures, text, company logo, sample file name, test date and time, and sample author. The report editor must allow the user to configure the look of the report editor to include any number of these elements.
- e) The software should allow the user to Export Raw data (Load, extension, etc.) for single tested specimen as well as a group/ series of tested specimen.
-) The software should have provision to check the analog output voltages before starting the test for the Initial and final value settings

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	(minimum of 20% higher KVA	Voltage Stabilizer, Suitable to Dual Test space UTM (Fully Automatic Digital no micro controlled servo stabilizer). Reference standard: IS 9815
	,	Voltage Stabilizer, Suitable to Dual Test space UTM (Fully Automatic Digital micro controlled servo stabilizer). Reference standard: IS 9815 a) Voltage stabilizer of suitable capacity (minimum of 20% higher KVA
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I UTM capacity, Operating Temp: 0 to 50°C	quirement) should be provided. hase AC,50 Hz. Output voltage: irement. of 20% higher requirement of	Voltage Stabilizer, Suitable to Dual Test space UTM (Fully Automatic Digital micro controlled servo stabilizer). Reference standard: IS 9815 a) Voltage stabilizer of suitable capacity (minimum of 20% higher KVA rating of complete UTM power(KVA) requirement) should be provided. b) Incoming voltage: 350 V to 450 V ,3 phase AC,50 Hz. Output voltage: - Suitable to Dual test space UTM requirement. c) Rated continuous current: Minimum of 20% higher requirement of

- I) Two-year onsite warranty should be provided.
- m) It should be mounted on wheels for easy movement.
- 5-meter incoming cable with rated current should be provided for 3 phase, neutral and earthing. It should have proper earth point for connecting earth cable.

Desktop PC, Laptop & Printer

1 set

Desktop PC

- a) Processor: Latest version/Generation with Intel Turbo Boost Technology
- b) Memory: 32 GB RAM or Higher
- c) Hard Disk Drive: 1TB SSD with 3D Drive Guard.
- d) Screen Size: Minimum 27" diagonal LED-backlit HD anti-glare
- e) Webcam: Webcam 720p HD or better
- f) Graphics: Integrated HD Graphics
- g) Network connectivity: 3 No.s of Gigabit Network Connection (10/100/1000 NIC) to be provided
- h) Ports: 4 USB 3.0 ports, 1 USB 2.0 ports, 1VGA ,1 HDMI, 1 microphone in, 1 headphone/line out, 1 power connector, 3 RJ-45 (Ethernet) connection.
- Keyboard and optical mouse: Full-size spill-resistant wireless keyboard, ON/OFF button for wireless and speaker mute buttons, power button and wireless optical mouse.
- j) Operating Systems: Latest OS.
- k) MS office: License with preloaded latest version of MS office.
- I) Warranty: 1 Year Onsite Warranty with Accidental Cover.

Laptop (HP)

- a) Processor: Latest version/Generation with Intel Turbo Boost Technology.
- b) Memory: minimum 16 GB RAM or better
- c) Hard Disk Drive: -1TB SSD with 3D Drive Guard.
- d) Screen Size: -minimum of 17.0" diagonal LED-backlit HD anti-glare
- e) Webcam: Webcam integrated 720p HD or better
- f) Graphic: Integrated HD Graphics
- g) Network connectivity: Gigabit Network Connection (10/100/1000 NIC)
- h) Wireless: Integrated wireless + Bluetooth 4.0 combo
- i) Audio: High Definition Audio, stereo speaker, integrated microphone
- j) Ports: 2 USB 3.0 ports; 1 USB 2.0 ports; 1VGA ,1 HDMI; 1 microphone in; 1 headphone/line out; 1 power connector; 1 RJ-45 (Ethernet)
- k) Keyboard and optical mouse: -Full-size spill-resistant keyboard, ON/OFF button for wireless and speaker mute buttons, power button and wireless optical mouse.
- I) Battery: -4-cell Lithium-lon battery, minimum of 90W HP AC Adapter, HP Fast Charge
- m) Operating Systems: Latest OS.
- n) MS office: -License with preloaded latest version of MS office.
- o) Warranty: 1 Year Onsite Warranty with Accidental Cover

Printer

Latest Model digital LaserJet **color A4 Size**. It shall have functions for Print, Scan, copy and email with ADF and

- a) Printing speed per minute for black and color: minimum 27pages.
- b) Wireless connectivity

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	c) Dual Printing: - Automatic	
	d) 1 gigabit Ethernet, high speed USB ports and Easy access USB.	
	e) Suitable to Indian standard electrical supply	
	Spares & Accessories	
	a) One set of additional springs for both 100 kN and 5 kN grips shall be	
	provided.	
	b) One set of diamond serrated steel jaw inserts/faces (1 set = 4 pieces)	
	suitable for grips and testing Flat specimens. Specimen thickness 0 to 12	
	mm. Minimum width and Height (50 mm X 55mm). Operating	
	temperature: -70°C to 250°C, F Max: 100 kN.	
15	c) Environmental chamber internal lighting bulb, quantity 4 No.s to be provided.	
	d) A suitable rugged cabinet for storing all machine accessories, grips,	
	fixtures, etc., to be provided.	
	e) A suitable rugged working table for housing the desktop PC, printer, etc.,	
	to be provided.	
	f) Three pairs of high temperature hand gloves and three safety goggles to be provided.	

List of Deliverables (BoQ):

SI no	Item Description	Unit	Quantity
1	Dual column Load Frame and Remote control unit with Display	Set	1
2	100 kN and 5kN Shear Beam Load cell	Set	1
3	Control Electronics with touch screen display	Set	1
4	Extensometer with suitable measurement module/sensor	Set	1
	Conditioner card		
5	Alignment fixture Kit for 100 KN load cell	Set	1
6	Analog voltage output module/card	Nos	1
7	100 kN Manual wedge Action Grips with suitable jaw inserts for flat	Set	1
	and round specimens (Flat specimen.0 to 12 mm and round		
	specimen dia 4 to 11 mm). Specimen centering device and		
	accessories.		
8	5 kN Manual wedge action grips with suitable jaw inserts for Flat	Set	1
	specimens		
9	Environmental Chamber (Operating temperature: -70 °C to 300°C or	Set	1
	better) with roller mountings and support frames suitable to the dual		
	test space UTM.(Steel braided inlet hose 6m and 3m length, vent		
	hose of 6m length). Mountings and fittings.		
10	Machine software(all in one Education/academia Package)	Nos	1
11	Stainless steel Compression platen 150 to 200 mm dia(operating	Nos	2
	temperature -70°C to 300°C or more) with locknut, connectors, pins		
	suitable for 100 kN Test area		
12	Stainless steel Compression platen 80 to 90 mm dia(operating	Nos	2
	temperature -70°C to 300°C or more) with locknut, connectors, pins		
10	suitable for 5kN Test area	N.I.	4
13	Voltage Stabilizer, Suitable to Dual Test space UTM (Fully Automatic	Nos	1
	Digital micro controlled servo stabilizer). Reference standard : IS		
4.4	9815	0-4	A
14	Desktop PC, Lap top & color printer (with wireless mouse, key board.	Set	1
	Software, OS and MS office Loaded in both Desktop and Laptop)		
15	Spares and Accessories	Set	1
	a. Additional springs for 100Kn and 5Kn manual grips		
	 b. One set of steel jaw inserts for 100 kN grips (for thickness 0 to 12 mm) 		
	c. Environmental chamber lighting bulb. Quantity. 4 nos		
	d. Rugged cabinet for storing Accessories, grips, fixture etc.		
	e. Working Table		
	f. Three pairs of high temp gloves and three safety goggles		

4.3 Scope of Supply and incidental works:

Scope of Supply includes the following:

- (i) Supply of the equipment / system along with the accessories as per clause No.4.2
- (ii) Installation, Commissioning and Acceptance as per clause No.4.4.3
- (iii) Training as per clause no.4.5
- (iv) On site comprehensive Warranty as per clause No.4.6.
- (v) Delivery Schedule as per clause No.4.7.

4.4 <u>Inspection & Tests</u>

4.4.1 General

- 1. The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified here.
- 2. The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at the point of delivery and/or at the Goods final destination.
- 3. Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.
- **4.** Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
- 5. The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at final destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
- **6.** The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.
- 7. With a view to ensure that claims on insurance companies, if any, are lodged in time, the bidders and /or the Indian agent, if any, shall be responsible for follow up with their principals for ascertaining the dispatch details and informing the same to the Purchaser and he shall also liaise with the Purchaser to ascertain the arrival of the consignment after customs clearance so that immediately thereafter in his presence the consignment could be opened and the insurance claim be lodged, if required, without any loss of time. Any delay on the part of the bidder/ Indian Agent would be viewed seriously and he shall be directly responsible for any loss sustained by the purchaser on the event of the delay.
- **8.** Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance Manuals together with Drawings of the goods and equipment built. These shall be in such details as will enable the Purchase to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
- **9.** The Manuals and Drawings shall be in the ruling language (English) and in such form and numbers as stated in the Contract.
- **10.** Unless and otherwise agreed, the goods and equipment shall not be considered to be completed for the purposes of taking over until such Manuals and Drawing have been supplied to the Purchaser.
- **11.** On successful completion of acceptability test, receipt of deliverables, etc. and after the Purchaser is satisfied with the working of the equipment, the acceptance certificate signed by the Supplier and the representative of the Purchaser will be issued. The date on which such certificate is signed shall be deemed to be the date of successful commissioning of the equipment.

- 12. Unloading the consignment with suitable forklift/crane, etc., from the container at CSIR-NAL is to be managed by the supplier. The arrangement of forklift/crane is also within the scope of the supplier.
- 13. The manpower, tools and the arrangement of forklift/crane for lifting, positioning of the UTM during installation & commissioning are within the scope of the vendor.
- 14. The vendor should be able to provide any spares for a minimum period of 10 years from the date of installation.
- 15. The UTM and environmental chamber are to be suitable to Indian Standard Electrical supply (single phase/3 Phase AC) with minimum ±10% voltage tolerance limit.
- 16. One set of printed operating and trouble shouting Manual containing complete electrical and electronics wiring diagram for UTM, controller and environmental chamber should be provided.
- 17. One complete toolkit containing all essential tools for attaching/mounting the fixtures, push/pull rods etc. should be provided.
- 18. The price should be quoted for each item separately.

4.4.2 Manufacturer's Inspection Certificate`

After the goods are manufactured and assembled, inspection and testing of the goods shall be carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods are in conformity with the technical specifications. Manufacturer's test certificate with data sheet shall be issued to this effect and submitted along with the delivery documents. The purchaser reserves the options to be present at the supplier's premises during such inspection and testing.

4.4.3 <u>Installation, Commissioning and Acceptance Test</u>

The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the equipment is installed at Purchaser's site in the presence of supplier's representatives. The acceptance will involve trouble free operation. There shall not be any additional charges for carrying out acceptance test. No malfunction, partial or complete failure of any part of the equipment is expected to occur. The Supplier shall maintain necessary log in respect of the result of the test to establish to the entire satisfaction of the Purchaser, the successful completion of the test specified.

On the event of the ordered item failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which, the Purchaser reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser.

Successful conduct and conclusion of the acceptance test for the installed goods and equipment shall also be the responsibility and at the cost of the Supplier.

The acceptance tests at the final destination include the following:

The following tests should be carried out on CSIR-NAL supplied specimens.

Analog output voltages should be verified for all types of test (corresponding to Load and extension). CSIR-NAL will provide all standard Wyoming Test fixtures for the tests. Vendor to provide suitable accessories for mounting these Wyoming test fixtures to UTM.

Lower Test Area (100 kN load cell)

- 1. Tensile test as per ASTM D 3039 with extensometer connected at room temperature and at 150°C with environmental chamber (length of specimen. 250 mm).
- 2. IITRI compression test as per ASTM D3410 at 150°C with environmental chamber (length of specimen 140 mm).
- 3. Open hole compression test as per ASTM 6484 at 150°C with environmental chamber (length of specimen 305mm).

Upper Test Area (5kN Load cell)

- 1. Long beam shear test as per ASTM D7264(both three point and four-point test).
- 2. Short beam shear test as per ASTM D2344.
- 3. Tensile test with 5kN grips.
- 4. Compression test with compression platen of 80 to 90 mm diameter mounted on load cell and cross head.

4.5 Training

1)	Location	ACD, CSIR-NAL
 2)	Number of persons	2
۷)	Number of persons	2
3)	Period of Training	5 Days
4)	Nature of Training	Operation, Maintenance & Troubleshooting

4.6 Incidental Services

(i) On site Comprehensive Warranty:

- 1 Year from Installation & Commissioning and date of acceptance
- In case the Equipment / System remains non-operational for more than **30 days** then warranty period will be extended for the equivalent period for which Equipment / System remained non-operational. Warranty extension in such case shall be done without prejudice to any other Term & condition of the contract

4.7 Delivery Schedule (including supply, installation, commissioning, training & acceptance)

Delivery of the from the date of		Installation & Commissioning from the date of receipt of equipment equipment Training At CSIR_NAL, if any from the date of Installation & Commissioning		from the date of receipt of		Acceptance of the item from the date of Installation, Commissioning & Training
Days/ Weeks/Months	Location	Days/ Weeks/Months	Location	Days/ Weeks/Months	Days/ Weeks/Months	
120 days	ACD, CSIR-NAL, Kodihalli, Bengaluru	3 Weeks	ACD, CSIR-NAL, Kodihalli, Bengaluru	5 Days	2 Weeks	

CHAPTER-5

PRICE SCHEDULE FORMS

Bidder should quote as per the BOQ Format Only as uploaded in https://etenders.gov.in

The Bidders should have Java 8 update 231 version-32 bit for uploading the bid in the CPP Portal.

Note:

- i. The Bidder may fill the BoQ (Price Schedule Form) and enclose as per Clause 1.10 and 1.19 of the Bidding documents.
- ii. The Bidders have to fill in the BoQ (Price Schedule) as per table below for the Goods Being Offered from India.

		For (Goods	Being	Offered Fro	m India			
Sub-Total:Ex-Works Price	1	Nos	INR	0			0	0	INR Zero Only
Less: Discount (if any)	1	Nos	INR				0	0	INR Zero Only
Sub-Total:	1	Nos	INR	0			0	0	INR Zero Only
Less: Buy-back Price (if any)	1	Nos	INR				0	0	INR Zero Only
Sub-Total:Net Ex-Works Price	1	Nos	INR	0			0	0	INR Zero Only
Add: Packing & Forwarding charges (if any)	1	Nos	INR				0	0	INR Zero Only
Add: Transportation Charges (if any)	1	Nos	INR				0	0	INR Zero Only
Add: Insurance charges (from warehouse-to-	1	Nos	INR				0	0	INR Zero Only
warehouse) (if any)									
Total (A):	1	Nos	INR	0			0	0	INR Zero Only
Installation & Commissioning charges (if any)	1	Nos	INR				0	0	INR Zero Only
Training charges (if any)	1	Nos	INR				0	0	INR Zero Only
Total (B):	1	Nos	INR	0			0	0	INR Zero Only
Bank Charges, if any	1	Nos	INR				0	0	INR Zero Only
Any other charges, if any	1	Nos	INR				0	0	INR Zero Only
Grand Total	1	Nos	INR	0			0	0	INR Zero Only
(For Goods Being Offered From India)									

- iii. The Non-Relevant Cells in Column M have to be filled with 0 (Zero) before Uploading the BoQ.
- iv. The Bidders have to fill in the BoQ (Price Schedule) as per table below for the Goods Being Offered from Abroad.

For Goods Being	Offe	red F	rom	Abroa	ad (fields below	- Mandatory f	or Fore	eign Ver	idors)
Sub-Total:Ex-Works Price	1	Nos	INR	0			0	0	INR Zero Only
Less: Discount (if any)	1	Nos	INR				0	0	INR Zero Only
Sub-Total:	1	Nos	INR	0			0	0	INR Zero Only
Add: FOB /FCA Charges	1	Nos	INR				0	0	INR Zero Only
Sub-Total: FCA/FOB International	4	Nos	INR	0			0	0	IND Zere Only
gateway Airport	1	NUS	INK	U			U	U	INR Zero Only
Add: Freight upto Bengaluru Airport	1	Nos	INR				0	0	INR Zero Only
Total (A): CIP/CIF Charges	1	Nos	INR	0			0	0	INR Zero Only
Installation & Commissioning charges (if any)	4	Nos	INR				0	0	INR Zero Only
at CSIR-NAL	1	NUS	INK	*			U	U	INR Zero Only
Training charges (if any) at CSIR-NAL	1	Nos	INR				0	0	INR Zero Only
Any other charges, if any	1	Nos	INR				0	0	INR Zero Only
Grand Total - CIP Bengaluru (For Goods Being Offered From Abroad)	1	Nos	INR	0			0	0	INR Zero Only

v. The Currency column has a drop down menu to select appropriate denomination.

CHAPTER-6 Eligibility & Qualification Requirements

6.1 Eligibility Criteria

a) Legal Valid Entity:

The Bidder shall necessarily be a legally valid entity either in the form of a Limited Company or a Private Limited Company registered under the Indian Companies Act, 1956 or Country of Origin.

Bidder may be Joint Venture, Consortium or Association so long as they are formed and registered prior to the bid submission date.

Copy of Certificate of Incorporation issued by Registrar of firms/companies is to be submitted in support of this criterion.

- b) Only Class-I and Class-II local suppliers are eligible to participate in Domestic tender enquiry. Submit **Chapter-8:Annexure-I & J** with your bid/offer.
- c) In case of Global Tender Enquiry, Indian Agent quoting on behalf of Foreign Principal Supplier should submit a certified copy of an Agreement/Memorandum of understanding (MOU) between both the parties, detailing services to be rendered by the Agency.
- d) An undertaking (self-certificate) is to be submitted to demonstrate that the bidder satisfies the bidders' eligibility criteria, as mentioned in ITB Clause 1.1.2 in the form of declaration by the Bidder for Code of Integrity & conflict of interest as per **Chapter-8:Annexure-K**.

6.2 Technical Qualification Criteria

- a) The bidder (manufacturer or principal of authorised representative hereinafter referred simply as 'The Bidder') should have regularly for at least the last 10 years, ending 31st March of the previous financial year (hereinafter called 'The relevant Date'), manufactured and supplied (/erected/ commissioned 100kN UTM with the same or higher specifications. The bidder should submit the manufacturer authorisation form as appended in Chapter-8 and
- b) 'The bidder' should have manufactured and supplied (/erected/commissioned) at least 3 numbers (100 kN / higher capacity UTM with specified / better accuracy) (herein after referred as 'The Qualifying Quantity') of 'The Product' in at least one of the last five years ending on 'The relevant Date', and out of which
- c) At least 3 numbers of $100 \, \text{kN}$ / higher capacity UTM with specified / better accuracy should be in successful operation for at least 5 years on the date of bid opening.
- d) Machine quoted should be from the standard production range of the OEM/vendor. No prototype/developmental/beta version machine will be acceptable. Manufacturer should have been manufacturing 100kN/higher capacity UTM with specified/better accuracy for at least 10 years.
- e) The vendor should also submit the complete list of all the machines supplied in India in the past 5 years along with the contact details.
- f) CSIR-NAL reserves the right to verify the information provided by the vendor. In case the information is found to be false/incorrect, the offer shall be summarily rejected.
- g) The OEM/vendor should have presence in India through their company's office and/or should have an authorized service provider in India, working continuously for at least last 5 years.
- h) Vendor should mention quantitative and qualitative remarks against each of the parameter mentioned in this document. Only mentioning "accepted/agreed/confirmed/will be complied" or such vague remarks, the offer would be strictly rejected.

i) Equipment & manufacturing Facilities:

'The bidder' must have an annual capacity to manufacture and supply (/erected/commissioned) at least 30 UTM's (The Qualifying Quantity)

6.3 Financial Qualification Criteria

a) The average annual financial turnover of 'The bidder' during the last three years, ending on 'The relevant Date', should be at ₹ 15 Crores (or equivalent in foreign currency at exchange rate prevalent on 'The Relevant Date') as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries.

Ministry of MSME have clarified that all Central Ministries/Departments/Central Public Section Undertakings may relax condition of prior turnover and prior experience with respect to Micro and Small Enterprises in all public procurements subject to meeting of quality and technical specifications. Further, the condition of prior turnover and prior experience may be relaxed for Start-ups (as defined by Department of Industrial Policy and Promotion) subject to meeting of quality & technical specifications and making suitable provisions in the bidding document (rule 173 (i) of GFR 2017))

b) The net worth of the Bidder firm (manufacturer or principal of authorised representative) should not be negative on 'The Relevant Date' and also ii) should have not eroded by more than 30% (thirty percent) in the last three years, ending on 'The Relevant Date'.

Note: In case of Indian Bidders/companies (manufacturer or principal of authorised representative) who have been restructured by Banks in India, under the statutory guidelines, they would be deemed to have qualified the Financial standing criteria considering the institutional financial backing available to them.

Applicability in Special Cases:

a) Applicability to 'Make in India': Bidders (manufacturer or principal of authorised representative) who have a valid/approved ongoing 'Make in India' agreement/ program and who while meeting all other criteria above, except for any or more of sub-criteria in Experience and Past Performance above, would also be considered to be qualified provided:

i)	their foreign 'Make-in-India' associates meet all the criteria above without exemption, and
ii)	the Bidder submits appropriate documentary proof for a valid/approved ongoing 'Make in
	India' agreement/program.
iii)	the bidder (manufacturer or principal of authorised representative) furnishes along with
	the bid a legally enforceable undertaking jointly executed by himself and such foreign
	Manufacturer for satisfactory manufacture, Supply (and erection, commissioning if
	applicable) and performance of 'The Product' offered including all warranty obligations as
	per the general and special conditions of contract.

b) Authorized Representatives: Bids of bidders quoting as authorised representative of a principal manufacturer would also be considered to be qualified, provided:

i)	their principal manufacturer meets all the criteria above without exemption, and
ii)	the principal manufacturer furnishes a legally enforceable tender-specific authorisation
	in the prescribed form assuring full guarantee and warranty obligations as per the
	general and special conditions of contract; and
iii)	the bidder himself should have been associated, as authorised representative of the
	same or other Principal Manufacturer for same set of services as in present bid (supply,
	installation, satisfactorily commissioning, after sales service as the case may be) for
	same or similar 'Product' for past three years ending on 'The Relevant Date'.

c) Joint Ventures and Holding Companies: Credentials of the partners of Joint ventures cannot (repeat cannot) be clubbed for the purpose of compliance of PQC in supply of Goods/Equipment, and each partner must comply with all the PQC criteria independently. However, for the purpose of qualifying the Financial Standing Criteria, the Financial Standing credentials of a Holding Company can be clubbed with only one of the fully owned subsidiary bidding company, with appropriate legal documents proving such ownership.

Note for Bidders:

- a) 'Doctrine of Substantial Compliance': The Pre-Qualification Bidding (PQB) and Pre- Qualification Criteria (PQC) are for shortlisting of sources who are competent to perform this contract to ensure best value for money from expenditure of Public Money. This process is neither intended to bestow any entitlement upon nor to create any rights or privileges for the Bidders, by way of overly hair-splitting or viciously legalistic interpretations of these criteria, disregarding the very rationale of the PQB and PQC. Keeping this caveat in view, interpretation by the Purchaser would be based on common usage of terminologies and phrases in public procurement in accordance with the 'Doctrine of Substantial Compliance' and would be final.
- b) The Bidder must declare, whether asked or not in a bid document, any previous transgressions of such a code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.
- c) In case of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/ dealer. There can be only one bid from the following:
 - i) The Principal manufacturer directly or through one Indian agent on his behalf; andii) Indian/foreign agent on behalf of only one principal.
- d) Along with all the necessary documents/certificates required as per the tender conditions, the bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity (both technical and financial), for manufacture and supply of the required goods/equipment, within the specified time of completion, after meeting all their current commitments.
- e) Supporting documents submitted by the bidder must be certified as follows:
 - i) All copy of supply/work order; respective completion certificate and contact details of clients; documents issued by the relevant Industries Department/National Small Industries Corporation (NSIC)/ manufacturing license; annual report, etc., in support of experience, past performance and capacity/capability should be authenticated by the by the person authorised to sign the tender on behalf of the bidder. Original Documents must be submitted for inspection, if so demanded.
 - ii) All financial standing data should be certified by certified accountants, for example, Chartered Accountants/Cost Accountants or equivalent in relevant countries; and Indian bidder or Indian counterparts of foreign bidders should furnish their Permanent Account Number.
- f) A bidder or any of its affiliates who participated as a consultant in the preparation of the design or technical specifications of the contract i.e. the subject of the bid; cannot participate in the bidding process.
- g) Indian agents quoting on behalf of its foreign principal need to submit a copy of the agency agreement with the foreign principal detailing the services to be rendered by them on behalf of the principals, failing which its bid shall not be considered.
- (h) Foreign bidders to disclose the name and address of agent and representatives in India and Indian bidder to disclose their foreign principal or associates.

CHAPTER 7 Contract Form

Contract No	Date:
THIS CONTRACT AGREEMENT is made	
the [insert: number]day of [insert: month], [in	nsert: year].

BETWEEN

- (1) The Council of Scientific & Industrial Research registered under the Societies Registration Act 1860 of the Government of India having its registered office at 2, Rafi Marg, New Delhi-110001, India represented by National Aerospace Laboratories, Bengaluru (hereinafter called "the Purchaser"), and
- (2) [insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called "the Supplier").

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency(ies) [(hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- O1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- O2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a)	This Contract Agreement
(b)	General Conditions of Contract
(c)	Special Conditions of Contract
(d)	Technical Requirements (including Schedule of Requirements and Technical Specifications)
(e)	The Supplier's Bid and original Price Schedules
(f)	The Purchaser's Notification of Award
(g)	[Add here any other document(s)]

- O3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.
- 04. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- O5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Union of India on the day, month and year indicated above.

For and on behalf of the Council of Scientific & Industrial Research

Signed : [insert signature]

in the capacity of [insert title or other appropriate designation] in the presence of [insert identification of official witness]

Signed : [insert signature]

in the capacity of [insert title or other appropriate designation] in the presence of [insert identification of official witness]

For and on behalf of the Supplier

Signed : [insert signature of authorized representative(s) of the Supplier] in the capacity of [insert title or other appropriate designation] in the presence of [insert identification of official witness]

CHAPTER 8

Other Standard Forms (To be enclosed as indicated below)

TABLE OF CONTENTS

SI. No.	Name	Annexure
1	Bid Security Form (to be enclosed with the technical bid) [NOT APPLICABLE AS PER GOVT. ORDERS]	A
2	Bid Securing Declaration. (to be enclosed with the technical bid)	В
3	Bidder Information Form (to be enclosed with the technical bid)	С
4	Bid Form (to be enclosed with the priced bid)	D
5	Manufacturers' Authorization Form (to be enclosed with the technical bid)	Е
6	Performance Statement Form (to be enclosed with the technical bid)	F
7	Service Support Detail Form (to be enclosed with the technical bid)	G
8	Format of declaration of abiding by the code of integrity and conflict of interest to be submitted by the bidder (to be enclosed with the technical bid)	Н
9	Certificate of Local Content	1
10	Certificate of Price Break-up of Local content	J
11	Integrity Pact (to be enclosed with the technical bid)	К
	To be executed on Company's Letterhead duly stamped and signed	
12	Deviation Statement Form (to be enclosed with the technical bid)	L
13	Performance Security Form (to be submitted on award of Contract)	М
14	Acceptance Certificate Form (to be submitted on award of Contract)	N
15	Terms and Conditions	
16	Non-Disclosure Agreement (if applicable)	

Note: Please refer clause 1.10.1 of the bidding documents for other documents to be attached with the bids/offers

Tender No.: ANNEXURE-A

BID SECURITY FORM

BID SECURITY FOR	<u>IVI</u>		
Whereas			
(hereinafter called the tenderer)			
has submitted their offer datedfor the supply of			
(hereinafter called the tender)			
Against the Purchaser's Tender No			
KNOW ALL MEN by these presents that WE			
ofare bound unto		our registered offic	e at
are bound unto	(neremane	er called the Purch	aser)
In the	sum		of
assigns by these presents. Sealed with the Common Seal of 20 THE CONDITIONS OF THIS OBLIGATION ARE: (1) If the tenderer withdraws or amends or modifies or important within the period of validity of this tender OR (2) If the tenderer having been notified of the acceptance o	airs or derogates from	the Tender in any r	
of its validity (a) If the tenderer fails to furnish the Performance Scientific contract.	Security for the due F	Performance of	the
(b) Fails or refuses to accept/execute the contract.			
We undertake to pay the Purchaser up to the above amount upon Purchaser having to substantiate its demand, provided that in amount claimed by it is due to it owing to the occurrence of coccurred condition or conditions. This guarantee will remain in force up to and including 45 days after in respect thereof should reach the Bank not later than the above	n its demand the Purc one or both the two contents	chaser will note th onditions, specifyi	at the ng the
(Si ₁	gnature of the authoriz	zed officer of the B	ank)

 $\label{eq:Name and designation of the officer} \\ \text{Seal, name \& address of the Bank and address of the Branch} \\$

Note: Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

Tender No.:

BID-SECURING DECLARATION FORM
Date:
Bid No
To (insert complete name and address of the purchaser)
I/We. The undersigned, declare that:
I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.
I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We
(a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
(b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
(i) fail or reuse to execute the contract, if required, or
(ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.
I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days afte the expiration of the validity of my/our Bid.
Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).
Name: (insert complete name of person signing he Bid Securing Declaration)
Duly authorized to sign the bid for an on behalf of : (insert complete name of Bidder)
Dated on day of(insert date of signing)
Corporate Seal (where appropriate)
(Notes In case of a Jaint Venture the Bid Securing Declaration must be in the name of all negtners to the Jain

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

Tender No.: ANNEXURE-C

BIDDER INFORMATION FORM

(a) [The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted. This should be done of the letter head of the firm]

Date : [insert date (as day, month and year) of Bid Submission]

Tender No ::[insert number from Invitation for bids]

01.	Bidder's Legal Name [insert Bidder's legal name]
02.	In case of JV, legal name of each party: [insert legal name of each party in JV]
03.	Bidder's actual or intended Country of Registration: [insert actual or intended Country of
	Registration]
04.	Bidder's Year of Registration: [insert Bidder's year of registration]
05.	Bidder's Legal Address in Country of Registration: [insert Bidder's legal address in country of
	registration]
06.	Bidder's Authorized Representative Information
	Name: [insert Authorized Representative's name]
	Address: [insert Authorized Representative's Address]
	Telephone/Fax numbers: [insert Authorized Representative's telephone/fax numbers]
	Email Address: [insert Authorized Representative's email address]
07.	Attached are copies of original documents of:
	Articles of Incorporation or Registration of firm named in 1, above.

Signature of Bidder	
Name	
Business Address	

Tender No.: ANNEXURE-D

Bid Form

[The Bidder shall fill in this Form in accordance with the	e instructions indicated No alterations to its format shall
be permitted and no substitutions shall be accepted.]	

Date	: [insert date (as day, month and year) of Bid Submission]

To : Director, CSIR-NAL, Bengaluru

Tender No. :

We, th	ne undersigned, declare that:
(a)	We have examined and have no reservations to the Bidding Documents, including Addenda No.: [insert the number and issuing date of each Addenda]
(b)	We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services [insert a brief description of the Goods and Related Services] as specified in Chapter 4
(c)	The total price of our Bid, excluding any discounts offered in item (d) below, is: [insert the total bid price in words and figures, indicating the various amounts and the respective currencies]
(d)	The discounts offered and the methodologies for their application are: Discounts. If our bid is accepted, the following discounts shall apply. [Specify in detail each discount offered and the specific item of the Schedule of Requirements to which it applies.]
(e)	Our bid shall be valid for the period of time specified in ITB Clause 1.17.1, from the date fixed for the bid submission due date in accordance with ITB Clause 1.19 and it shall remain binding upon us and may be accepted at any time before the expiration of that period
(f)	If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 1.43 and GCC Clause 2.13 for the due performance of the Contract and also submit order acceptance within 14 days from the date of contract in accordance with ITB Clause 1.42 and GCC Clause 2.44;
(g)	The following commissions, gratuities, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract: [insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]

			
Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

(h)	We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
(i)	We understand that you are not bound to accept the lowest evaluated bid or any other bid that you
	may receive.

Signed	: [insert s	ignature of _l	person wh	nose name	e and cap	pacity are	e shown]	
In the ca	apacity of	[insert legal	capacity	of person	signing t	he Bid St	ubmission	Form]

Name	: [insert complete name of person signing the Bid Submission Form]
Duly au	thorized to sign the bid for and on behalf of: [insert complete name of Bidder]

Tender No.: ANNEXURE-E

MANUFACTURERS' AUTHORIZATION FORM

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.]

Date : [insert date (as day, month and year) of Bid Submission]

Tender No. :[insert number from Invitation For Bids]

To : [insert complete name and address of Purchaser]

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 2.20 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, ____[insert date of signing]

PERFORMANCE STATEMENT FORM

Details of similar equipment / systems supplied & installed during past 3 years in India & Abroad

Tender No.:	
Name of the Bidder	

Order Placed by	Order No.	Description and	Value	Date of	Date of actual	Remarks	Has the	Name of Contact
(full address of Purchaser)	and date	quantity of ordered equipment	of order	completion of deliver as per contract	completion of delivery	indicating reasons for late delivery, if any	equipment been installed/ working satisfactory?	person along with Telephone No., Fax No. and e-mail address
				Contract			(Attach a certificate from the purchaser /	e-man address
							Consignee)	

Signatı	ure and Seal of the manufacturer/Bidder
Place	:
Date	

SERVICE SUPPORT DETAIL FORM

Sr. No.	List of similar type of equipment's serviced in the past 3 years	Address, Telephone Nos., Fax No. and e-mail address of the buyer	Nature of training Imparted/ service provided	Name and address of service provider

Signature and Seal of the manufacturer/Bidder			
Place:			
1.0001			
Date:			

Tender No.: ANNEXURE-H

Format for declaration by the Bidder for Code of Integrity & conflict of interest (On the Letter Head of the Bidder)

Ref. No:	Date
То,	
(Name & address of the Purchaser)	
Sir/Madam,	
	lo dated I/We hereby declare that for Public Procurement as mentioned under Para 1.3.0 of ITB of your finterest.
	sgressions of the code of integrity with any entity in any country during by any other Procuring Entity are as under:
a b c	
We undertake that we shall be li this code.	iable for any punitive action in case of transgression/ contravention of
Thanking you,	
	Yours sincerely,
	Signature
	(Name of the Authorized Signatory) Company Seal

Tender No.: ANNEXURE-I

Certificate of Local Content (to be enclosed along with Technical Bid)

We M/s	s (Name of Bidder) hereby certify that we meet the minimum
Local c	ontent for the Goods and services offered vide our offer/bid No dated
	as specified below:
>	Class-I Local Supplier with local content of 50% and above OR
>	Class-II Local Supplier with local content of 20% and above but less than 50% (Tick appropriate category of Local Supplier)
sales se	not claiming the services such as transportation, insurance, installation, commissioning, training, after ervice (warranty or AMC/CMC support), consultancy and custom clearance including custom duty as local ddition.
Genera	aware that the false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the I Financial Rules (Govt of India) for which we or our successors can be debarred for up to two years as e 151 (iii) of the General Finance Rules along with such other actions as may be permissible under law.
	: [insert signature of person whose name and capacity are shown] capacity of [insert legal capacity of person signing the Bid Submission Form]
Name:	[insert complete name of person signing the Bid Submission Form]
Duly au	thorized to sign the bid for and on behalf of: [insert complete name of Bidder]
Dated o	on day of,[insert date of signing]

Tender No.: ANNEXURE-J

Certificate of Price break up of Local Content (to be enclosed along with Price Bid)

Ref:	Clause 1.30.9 and Chapter-9(I	Part-A) of the Tende	r No			
We N	1/s	(Na	(Name of Bidder) hereby certify that we meet the minimum			
Loca	content for the Goods and se	rvices offered vide	vices offered vide our offer/bid No			
	as specified below:					
	as specified below:					
)	Class-I Local Supplier with	local content of 50	% and above			
,	OR Class-II Local Supplier with	local content of 20	N/ and above but	loss than 50%		
,	(Tick appropriate category		770 and above but	less than 50%		
Minir	num Local content is	_ % as per Price bre	ak up given belov	W:		
Con	nponent of Cost	Imported Produc	et .	Domestic value	Domestic value addition to	
	.poo coc			product		
		In Foreign	In Rupees	In Rupees	Location of	
		Currency US%	Exchanged		value addition	
		or specify	Rate 1 US\$ - Rs.			
	Goods		1 00ψ - 1(3.			
i)	Material					
ii)	Equipment					
iii)	Tatal Occated Data		V	V		
	Total Quoted Price = [X + Y]		X=	Y=		
We a	re not claiming the services service (warranty or AMC/CMG) addition.	uch as transportatio				
Gene	re aware that the false declara ral Financial Rules (Govt of In rule 151 (iii) of the General Fir	dia) for which we o	r our successors	can be debarred for	r up to two years a	
	ed : [insert signature of person e capacity of [insert legal capa					
Nam	e : [insert complete name of p	erson signing the Bi	d Submission Fo	rm]		
Duly	authorized to sign the bid for a	and on behalf of: [in	sert complete na	me of Bidder]		
Date	d on day of	,				

FORMAT OF INTEGRITY PACT INTEGRITY PACT

Tender No.:

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And		 	he	rein refe	rred t	o as "Th	e Bidder/ Cor	ntractor."	
Prea	ımble								
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regu								relations with i	

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

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, will 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 will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- (c) The Principal will exclude from the process all known prejudiced persons.
- (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 will inform the Chief Vigilance Officer and in addition can initiate disciplinary action.

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

- (1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
- (a) The Bidder(s)/Contractor(s) will 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 he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- (b) The Bidder(s)/Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. 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 cartelization in the bidding process.
- (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will 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)/Contractor(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 have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is annexed and marked as Annexure.
- (e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- (3) The person signing IP shall not approach the courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future Contracts

(1) 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 his 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 the procedure mentioned in the "Guidelines on Banning of business dealings". Copy of the "Guidelines on Banning of business dealings" is annexed and marked as Annex -"B".

Section 4 - Compensation for Damages

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to 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 3 Years with any other Company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings."

Section 6 - Equal treatment of all Bidders / Contractors/ Sub-contractors

- (1) The Bidder(s)/Contractor(s) undertake(s) to demand from all Subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidders / Contractors/ Subcontractors

(1) If the Principal obtains knowledge of conduct of a bidder, Contractor or Subcontractor or of an employee or a representative or an associate of a bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 - Independent External Monitors

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact. 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 representatives of the parties and performs his functions neutrally and independently. He reports to the JS (A), CSIR.
- The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s) / Subcontractor(s) with confidentiality.
- (4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (5) As soon as the Monitor notice, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take 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.
- (6) The Monitor will submit a written report to the JS(A), CSIR 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.
- (7) Monitor shall be entitled to compensation on the same terms as being extended to/provided to Independent Directors on the CSIR.
- (8) If the Monitor has reported to the JS(A), CSIR, a substantiated suspicion of an offence under relevant IPC/PC Act, and the JS(A), CSIR 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 singed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

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 JS(A), CSIR.

Section 10 - Other provisions

- (1) This agreement is subject to Indian Law. Place of performance and Jurisdiction is the Registered Office of the Principal, i.e. New Delhi
- (2) Changes and supplements as well as termination notices need to be made 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 will strive to come to an agreement to their original intentions.

(For & On behalf of the Principal) (Office Seal)	(For & On behalf of Bidder/Contractor) (Office Seal)
Place	Place
Date	Date
Witness 1:(Name & Address):	
Witness 2::(Name & Address):	

Tender No.:

DEVIATION STATEMENT FORM

PART –I The following are the particulars of deviations from the requirements of the tender specifications:

SI.No.	Name of Specifications/ Parts/Accessories of Tender Enquiry	Specifications of quote Model / Part / Accessory	Compliance whether YES/NO	Deviation, if any to be indicated in unambiguous terms (The compliance/ Deviation should be supported by relevant Technical Literature)	Technical justification for the deviation, if any. If specification is superior / inferior than asked for in the enquiry, it should be clearly brought out in the justification

Signature of Bidder

- ➤ If the Bidder offers more than one model, then the Compliance Statement must be enclosed for each and every model separately.
- > The Technical and Commercial deviations should be indicated separately.
- > If the Bidder fails to enclose the compliance statement, his bid is likely to be rejected.
- ➤ Where there is no deviation, the statement should be returned duly signed with an endorsement indicating "No Deviations".

Place:	
Date:	Cignotius and sol of the Manufactures/Didde
	Signature and seal of the Manufacturer/Bidder

<u>PART - II</u>

The E-bid shall comprise of the documents as per the requirement of the Tender document. The documents specified below should be scanned and uploaded in PDF Format in proper sequence. The scanned documents uploaded as part of bid should be scanned in high resolution for better readability.

Sr. No.	Tender Clause No./ Chapter/Annexure	Tender Requirement	Compliance	Document Submitted
1	ITB 1.16 Chapter 8: Annexure-A	EMD (to be valid till 45 days beyond the validity of Bid)	Yes / No	Yes / NA
2	Chapter-8, Annexure-B	Bid Securing Declaration Form	Yes / No	Yes / NA
3	ITB 1.18	Bid is Signed	Yes / No	Yes / NA
4	Chapter 8: Annexure-C	Bidder Information Form enclosed	Yes / No	Yes / NA
5	Chapter 8: Annexure-D	Bid Form enclosed	Yes / No	Yes / No
6	Chapter 8: Annexure-E	Manufacturers Authorisation Form (MAF) (If Applicable) enclosed	Yes / No	Yes / NA
7	Chapter 8 - Annexure F	Performance Statement Form enclosed	Yes / No	Yes / NA
8	Chapter 8: Annexure G	Service Support details enclosed	Yes / No	Yes / NA
9	Chapter 8: Annexure-H	Declaration by the Bidder for Code of Integrity & conflict of Interest	Yes / No	Yes / NA
10	Chapter-8:Annexure-I	Self-Certification for Local Content [For Class-I or Class-II Local Suppliers]	Yes / No	Yes / NA
11	Chapter-8:Annexure-J	Price break-up for Local content [to be attached with price bid in case of two bids]	Yes / No	Yes / NA
12	Chapter 8: Annexure-K	Integrity Pact	Yes / No	Yes / NA
13	MSME Registration of appropriate authority	Documents to substantiate MSME Bidder status	Yes / No	Yes / NA
14	Chapter 8:Annexure L - Part I & Part II	Deviation Statement Form enclosed	Yes / No	Yes / NA
15	Chapter-6, 6.1(a)	Certificate of Incorporation	Yes / No	Yes / NA
16	Chapter-6, 6.1(b)	Agency Agreement/MoU beween Foreign Principal and Indian Agency (If bidder if Agent of Foreign Principal) for Global Tender Enquiry)	Yes / No	Yes / NA
17	Unpriced bid with Techni	cal specifications & Scope of Supply	Yes / No	Yes / NA
18	Chapter 6, 6.3	Annual Financial Report (audited Balance Sheet and Profit & Loss Account) of the last Three Financial Years, duly authenticated by a Chartered Accountant/Cost Accountant	Yes / No	Yes / NA
19	Chapter 3	Schedule of Requirement	Yes / No	Yes / NA
20	Confidentiality and Non-E	Disclosure Agreement	Yes / No	Yes / No

Note: The documents comprising bid should be submitted in the above sequence in orderly manner.

II) The following are the particulars of deviation/compliances as per Tender conditions and Clause No.1.26 of Tender document

1	ITB 1.17	Bid Validity (90 days after the date of Bid opening)	Yes / No Bid Valid upto	Yes / NA
2	GCC/SCC 2.21	Warranty: As per SCC & Chapter-4	Yes / No	Yes / NA
3	GCC/SCC 2.13	Agree to submit Performance Security as per Clause 2.12.1 & as specified in SCC	Yes / No	Yes / NA
4	Terms and Conditions		Yes / No	Yes / NA
5		nt Manufacturer/Authorised Indian Agent agree to greement in the Form as per Chapter-7	Yes / No	Yes / NA

_	_			
4	Terms and Conditi	ons	Yes / No	Yes / NA
5		t Manufacturer/Authorised Indian Agent agree to greement in the Form as per Chapter-7	Yes / No	Yes / NA

Signature and seal of the Bidde	Эr
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Date:

Tender No.:

To,

PERFORMANCE SECURITY FORM/STAND-BY LETTER OF CREDIT

MODEL BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY/ STAND-BY LETTER OF CREDIT

Note:

Whenever, the bidder chooses to submit the Performance Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc.

	Acceptano	ce Certifica	ate		
PO No. NAL/F	PUR/			Date:	
Sub:	Certificate of Supply, Installati	on, Commissioi	ning, Training and A	Acceptance of Goo	ds & Services
1	This is to certify that the equipalong with all the standard and installed, commissioned and a	d special acces			
(a)	Contract No. Date				
	Value				
	Mode of Shipment				
(b)	Description of the Equipment				
(0)	Name of the Considers		CCID NAL Bendel		
	Name of the Consignee Scheduled date of Delivery of	the	CSIR-NAL, Bengal	uru	
(u)	Consignment to the Laboratory				
(e)			of LC Establishe	d	
(6)	Date of Establishment	i e	Shipment		f Expiry
(f)			nsignment by the		
	Date of Shipme	nt	Date	of Receipt at CS	IR-NAL
(g)	Scheduled date for completion	n of			
	Installation, Commissioning ar	nd acceptance			
(h)	Actual date of completion of Ir				
	Commissioning and acceptant				
(i)	Penalty for Late Delivery (at La	iboratory /			
	Institute level) Rs.				
(j)	Penalty for Late Installation, Co				
	and Acceptance (at Laboratory	/ Institute			
	level) Rs.				
2	Details of accessories/items no		and recoveries to b		
Sr. No.	Desc	ription		Amount to	be recovered
			1		
3	The acceptance test has been	done to our en	tire satisfaction. Th	e Supplier has fulf	illed his contractual
	obligations satisfactory - Yes				
			OR		
	The Supplier has failed to fu	Ifill his contrac	ctual obligations wi	th regard to the fol	lowing:
Sr. No.	Desc	ription		Amount to	be recovered
The amount of	recovery on account of failure of	of the supplier t	o meet his contract	tual obligations is a	as indicated at Para
3					
4	Liquidated Damages/Penalty I	Percentage			
	No. of Days / Weeks	delayed	Am	ount to be recov	ered
5	Warranty Details	ı			I.
6	Training, if any		COMPLETED/ NO	COMPLETED (atta	ach training
	, , , , , , , , ,		Certificate/docum	•	
_	5		-		
7	Details of Performance Securit BG No.				
	BG No.	Date	Amount in Rs.	Valid till	% of BG
Fan Diinahaaa	r (Indenting Officer)		Fan Dunahasan (I	\\	
roi Fuicilasei	(maenting Officer)		For Purchaser (F	roject Leader)	
Signature			Signature		
_					
Name			Name		
Designation			Designation		
Name of the La	aboratory/Institute	CSIR-NAL	Name of the Labo	ratory/Institute	CSIR-NAL
	liberatery, metrate			ratory/ motitate	
Date	<u>L</u>		Date		
For Supplier					
Signature					
Name					
Designation					
Name of the					
Supplier					
Date					
	t .				

TERMS & CONDITIONS

Tender No.	NAL/PUR/	
Sr. No.	Approximate weight of the Consignment	Approximate dimensions of the consignment
1		
2	Indian Customs Tariff No. and HSN No. (ICT & HSN No.)	
3	Country of Origin	
4	Percentage of Local Content	
5	Annual Turnover	
6	Type of Supplier	
7	Mode of Shipment By Air / SEA / Road / e-download	
8	Port of Destination	Final Destination
9	Delivery Term (INCO Term), as the case may be	
10	Delivery Schedule including Supply, Insta	Illation, Commissioning, Training & Acceptance
a)	Delivery of the Item as per Chapter-4/BoQ [In weeks / Days / Months] from the date of PO / LC / ILC / Advance [Mention the appropriate term]	
b)	Installation & Commissioning from the date of Delivery of item [In weeks/Days/Months]	
c)	Training from the date of Installation & Commissioning of item [In weeks/Days/Months]	
d)	Acceptance from the date of Training [In weeks/Days/Months]	
11	Installation & Commissioning (if any) Quoted Price inclusive or exclusive	
12	Training (if any) Quoted Price inclusive or exclusive	

40	D		
13	Payment Term		
14	Currency of Bid/Quotation		
15	Statutory Levies [GST/IGST or any other taxes, duties] % of tax to be mentioned.		
16	Bidder GST No.		
17	Bidder Bank Details along with Cancelled cheque		
18	Insurance Coverage as per GCC/SCC Clause No.2.17.1		
19	Warranty		
20	Agree to submit Performance Security as per GCC/SCC Clause No.2.13.1		
21	Integrity Pact as per GCC/SCC Clause No.2.43.1 to be signed and stamped on Organization's Letterhead, if applicable		
22	Validity of offer as per Tender document		
23	Order to be placed [Full address, Tel #, Fax #, Email Id, Contact Person]		
24	Any other		
25	Total Price quoted as per BoQ/Price Schedule/List of Deliverables exclusive of tax		
26	Total Price quoted as per BoQ/Price Schedule/List of Deliverables inclusive of tax		
27	If country of Origin is Foreign, Bidders may provide the following details, as per GOI Procurement Policies (DIPP Order No.P-45021/2/2017-PP (BE-II).		
	"Self-Certification that the item offered meets the minimum local content (in terms of percentage) giving details of the location(s) at which the local value addition is made in case the bidder wishes to avail the benefits under the Make in India Policy, if applicable".		
Note:	Unit Price indicating currency FOB (named port of shipment or FCA (named place of delivery)		

Confidentiality and Non-Disclosure Agreement

1. <u>Disclosure of Confidential Information</u>

For the purpose of this agreement, "CSIR-NAL" is "Disclosing Party" and "XYZ" is "Receiving party" Under this agreement, CSIR-NAL may disclose confidential information to the Receiving Party either orally or in any recorded medium, during discussions and pre-bid meetings for providing information comprising or relating to: techniques, schematics, designs, contracts, financial information, sales and marketing plans, business plans, clients, client data, business affairs, operations, strategies, inventions, methodologies, technologies, employees, subcontractors, pricing, service proposals, methods of operations, procedures, products and/or services ("Confidential Information") related to SARAS Mk-II Aircraft programme. Based on the disclosure, Receiving Party will submit the tender for the RFQ generated from CSIR-NAL ("Purpose"). Confidential Information shall include all nonpublic information furnished, disclosed or transmitted regardless of form.

2. <u>Confidentiality</u>

It is agreed that:

Receiving Party will use the Confidential Information solely for above stated purpose of this agreement. Receiving Party shall not copy, reproduce or use the Confidential Information in any way that is directly or indirectly detrimental to Disclosing Party or its subsidiaries or affiliates, and shall not disclose the Confidential Information to any unauthorized third party without written authorization by the Disclosing Party. Receiving Party shall ensure that access to Confidential Information is granted only to those of its employees or agents ("Representatives") who have a demonstrated need to know such information in order to carry out the business purpose of this Agreement. Prior to disclosing any Confidential Information to such Representatives, Receiving Party shall inform them of the confidential nature of the information and their obligation to refrain from disclosure of the Confidential Information. Receiving Party and its Representatives will take all reasonable measures to maintain the confidentiality of the Confidential Information, but in no event less than the measures it uses for its own information of similar type. Receiving Party and its Representatives shall not disclose to any person including, without limitation, any corporation, sovereign, partnership, limited liability company, entity or individual (i) the fact that any investigations, discussions or negotiations are taking place concerning the actual or potential business relationship between the parties, (ii) that it has requested or received Confidential Information, or (iii) any of the terms, conditions or any other fact about the actual or potential business relationship. Receiving Party and its Representatives will immediately notify Disclosing Party of any use or disclosure of the Confidential Information that is not authorized by this Agreement. Receiving Party and its Representatives will use its best efforts to assist Disclosing Party in remedying any such unauthorized use or disclosure of the Confidential Information.

The parties have appointed the following individuals to coordinate the disclosure and receipt of Confidential Information under this Agreement:

<u>For</u>	For CSIR-NAL		
Name:	Name:		
Title:	Designation:	Designation:	
Address:	Division:		
Telephone:	Address: CSIR-Nationa	Address: CSIR-National Aerospace Laboratories,	
E-mail: HAL Airport Road, K		Road, Kodihalli,	
Fax:	Bengaluru-5	Bengaluru-560 017,	
	Telephone:	Fax:	
	E-mail:		

Either Party may change above designated technical point of contact by informing other Party.

Any Notices will be in writing and sent to each party at its address below which may be changed upon written notice. Notices will be effective upon receipt.

For For CSIR-NAL Name: Dr. M Manjuprasad Name: Title: Title: Head, KTMD Address: CSIR-National Aerospace Laboratories, Address: Telephone: P.B.No. 1779, HAL Airport Road, Kodihalli, Bengaluru - 560 017 Fax: Telephone:080-25086207 Fax:080-25086147 E-mail: E-mail: manjuprasad@nal.res.in

The obligations contained in this Section 2 will not apply to the extent that Receiving Party can demonstrate that the Confidential Information: (a) was part of the public domain at the time of disclosure or properly became part of the public domain, by publication or otherwise; (b) was rightfully acquired by Receiving Party from third Party prior to disclosure by Disclosing Party; (c) was independently developed by Receiving Party or its Representatives without reference to the Confidential Information; or (d) is in the possession of Receiving Party at the time of disclosure that may be demonstrated by business records of Receiving Party (e) is required to be disclosed by a government agency or by a proper court of competent jurisdiction; provided, however, that Receiving Party and its Representatives shall provide Disclosing Party prompt prior written notice of such requirement, shall consult with and assist Disclosing Party in obtaining a protective order prior to such disclosure, and shall only disclose the portion of Confidential Information which it has been advised by written opinion of counsel is legally required to be disclosed and shall use its best efforts to obtain assurance that confidential treatment will be accorded such information if the protective order is not obtained or if Disclosing Party waives disclosure of such information.

3. Ownership of Confidential Information

Disclosing Party retains all rights, title and interest to its Confidential Information. No license under any trademark, patent or copyright, or application for same which are now or hereafter may be obtained by Disclosing Party is either granted or implied by the disclosure of Confidential Information to Receiving Party. Confidential Information is provided "as is" basis. In no event shall Disclosing Party be liable for the accuracy or completeness of the Confidential Information.

4. Term

Unless renewed for a further period, this Agreement shall terminate **Five (05) years** from the Effective Date. For the term of this Agreement and **Ten (10) years** thereafter, the receiving party shall neither disclose the Disclosing Party's confidential information to any other third party.

5. Return of Confidential Information

During the term of this agreement, upon written request of Disclosing Party, Receiving Party and its Representatives shall promptly return to Disclosing Party all copies of Confidential Information in its possession including, without limitation, all copies of any analyses, compilations, studies or other documents prepared by Receiving Party or its Representatives containing or reflecting any Confidential Information. Receiving party shall certify in writing that it and its Representatives have returned all such information to Disclosing Party.

6. General

- a) This Agreement and all questions relating to its validity, interpretation, performance and enforcement (including, without limitation, provisions concerning limitations of actions), shall be governed by and construed in accordance with the laws of India and is subject to the exclusive jurisdiction of the Courts of Bangalore, India and may be modified only in writing and signed as accepted by both the Parties.
- b) Receiving Party agrees that the breach of the provisions of this Agreement by it, will cause Disclosing Party irreparable damage for which recovery of money damages would be inadequate. Disclosing Party will, therefore, be entitled to obtain timely injunctive relief to protect its rights under this Agreement in addition to any and all remedies available at law or in equity. Any Dispute or claim arising out of or relating to this Agreement shall be first tried to solve through mutual discussions by authorized representatives of both the Parties. If no

conclusion is arrived at through such mutual discussions within a period of 30 days, then the dispute should be settled by arbitration in accordance with Delhi International Arbitration Center (DIAC), Delhi High Court, New Delhi. Decision of arbitral tribunal shall be final and binding on the Parties. Parties shall equally bear the cost of arbitration and its proceedings unless the award provides otherwise. The Parties shall continue to perform their respective obligations under this Agreement during the pendency of the arbitration proceedings except insofar as such obligations are the subject matter of the said arbitration proceedings.

- c) Neither party may assign any of its rights or obligations under this Agreement without the prior written consent of the other party. This Agreement shall be binding upon and inure to the benefit of the parties permitted successors and assigns.
- d) This Agreement may be amended or supplemented only by a writing that is signed by duly authorized representatives of both parties.
- e) No term or provision hereof will be considered waived by either party, and no breach excused by it, unless such waiver or consent is in writing signed an authorized representative of the non-breaching party. No consent to, or waiver of, a breach by a party, whether express or implied, will constitute a consent to, waiver of, or excuse of any other, different, or subsequent breach.
- f) Either party may terminate this Agreement upon service of 60 days' prior written notice to the said effect on the other party with return of confidential information as stated in Clause 5.
- g) If any part of this Agreement is found invalid or unenforceable, that part will be amended to achieve as nearly as possible the same economic and legal effect as the original provision and the remainder of this Agreement will remain in full force.
- h) This Agreement constitutes the entire agreement between the parties relating to this subject matter and supersedes all prior or simultaneous representations, discussions, negotiations, and agreements, whether written or oral.

In witness whereof, the parties hereto have Accepted and agreed this agreement as of the date first above written by the following authorized Party representatives:

FOR AND ON BEHALF OF	FOR AND ON BEHALF OF CSIR-NAL
Signature:	Signature:
Name:	Name: Dr. M Manjuprasad
Designation & Seal:	Designation & Seal: Head, KTMD
Witnesses (Name & Signature):	Witnesses (Name & Signature):
1.	1.
2.	2.