बिड संख्या/Bid Number: GEM/2026/B/8217143

दिनांक /Dated: 29-10-2026

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	19-11-2026 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	20-11-2026 17:00:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Science And Technology
विभाग का नाम/Department Name	Department Of Scientific And Industrial Research (dsir)
संगठन का नाम/Organisation Name	Council Of Scientific And Industrial Research (csir)
कार्यालय का नाम/Office Name	Csir-national Aerospace Laboratories, Bengaluru
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :vikash.mishra@csir.res.in Buyer Email id: malini.nal@nic.in
कुल मात्रा/Total Quantity	2
वस्तु श्रेणी /Item Category	Fabrication and supply of Rudder Nose Ribs, auxillary spar tools using SA 516 Gr 70 Steel materials , Fabrication and supply of Rudder IS rib spacers and clip tools using AL 6082 / HE 30 aluminium allor
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Fabrication and supply of Rudder IS rib spacers and clip tools using AL 6082 / HE 30 aluminium allory materials
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	• Unplasticized Polyvinyl Chloride (PVC - U) Screen and Casing Pipes for Bore / Tubewells (V2) as per IS 12818 • Tarpaulins Made from High Density Polyethylene (HDPE) Woven Fabrics (V3) Conforming to IS 7903
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes | Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover	Yes | Complete

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	2
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	Fabrication and supply of Rudder Nose Ribs, auxillary spar tools using SA 516 Gr 70 Steel materials
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	5 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Item wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%)/ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	14

(a).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

THE DIRECTOR, CSIR-NAL
Csir-national Aerospace Laboratories, Bengaluru, Department of Scientific and Industrial Research (DSIR), Council of Scientific and Industrial Research (CSIR), Ministry of Science and Technology
(The Director)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers availabele upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं/सेवा प्रदाता को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% / Purchase Preference to MSE OEMs/ Service Provider available upto price within L1+X%	15

सूक्ष्म और लघु उद्यम मूल उपकरण निर्माता/सेवा प्रदाता को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Percentage of Bid quantity/amount for MSE OEMs/ Service Provider Purchase preference	25

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
5. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.
OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017 and its subsequent Orders/Notifications issued by concerned Ministry .Benefits of MSE will be allowed only if seller/service provider is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

6. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs having valid Udyam Certificate and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted in case of product bids, whereas in case of services the eligibility is automatically validated. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

7. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

मूल्यांकन विधि(मदवार मूल्यांकन विधि) / **Evaluation Method** (Item Wise Evaluation Method)

Contract will be awarded schedule wise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

मूल्यांकन अनुसूचियां / **Evaluation Schedules**	वस्तु/श्रेणी / **Item/Category**	मात्रा / **Quantity**
Schedule 1	Fabrication And Supply Of Rudder Nose Ribs, Auxillary Spar Tools Using Sa 516 Gr 70 Steel Materials	1
Schedule 2	Fabrication And Supply Of Rudder Is Rib Spacers And Clip Tools Using Al 6082 / He 30 Aluminium Allor	1

Fabrication And Supply Of Rudder Nose Ribs, Auxillary Spar Tools Using SA 516 Gr 70 Steel Materials (1 set)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	E Damodara	560017,Old Airport Road, Kodihalli, Bangalore - 560 017,	1	90

Fabrication And Supply Of Rudder IS Rib Spacers And Clip Tools Using AL 6082 / HE 30 Aluminium Allor (1 set)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	E Damodara	560017,Old Airport Road, Kodihalli, Bangalore - 560 017,	1	90

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. **Generic**

   OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be (Increased quantity ÷ Original quantity) × Original delivery period (in days), subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Service & Support**

   Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

3. **Turnover**

   Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. **Certificates**

   Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

5. **Generic**

   Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Following documents are to be submitted as per tender requirement:

Company statutory registrations, Bank e-payment details and OEM Authorisation

Technical Brochure, Technical Compliance and Deviation statement

Bid Securing Declaration Form and other Annexures as per Tender document

Techno commercial terms and conditions

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7. **Buyer Added Bid Specific ATC**

   Buyer uploaded ATC document Click here to view the file.

8. **Warranty**

   Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

9. **Service & Support**

   Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

10. **Generic**

    Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

11. **Service & Support**

    Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

12. **Generic**

    Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

13. **Generic**

    IT equipment shall be IPv6 ready from day one.

14. **Certificates**

    ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

15. **Generic**

    Malicious Code Certificate:

    The seller should upload following certificate in the bid:-
    (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not

contain Embedded Malicious code that would activate procedures to :-

(i) Inhibit the desires and designed function of the equipment.

(ii) Cause physical damage to the user or equipment during the exploitation.

(iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

16. **Generic**

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

17. **Generic**

Non return of Hard Disk: As per Buyer organization’s Security Policy,Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.

18. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

19. **Warranty**

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

20. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

21. **Warranty**

Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imberse the cost of such service / rectification to the Buyer.

22. **Certificates**

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

23. **Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

24. **Generic**

    Without prejudice to Buyer’s right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
    i) The Seller fails to comply with any material term of the Contract.
    ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
    iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
    iv) The Seller becomes bankrupt or goes into liquidation.
    v) The Seller makes a general assignment for the benefit of creditors.
    vi) A receiver is appointed for any substantial property owned by the Seller.
    vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

25. **Generic**

    While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers’ controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers’ Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.

14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

Invitation for e-Bids / Notice Inviting e-Tender

Tender No. NAL/PUR/ACD/087/26(S) **Date: 28/10/2026**

CSIR - National Aerospace Laboratories (NAL), Bengaluru, Republic of India, is one of the premier research laboratories under aegis of Council of Scientific and Industrial Research (CSIR), an autonomous body under the 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 e-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

Sr. No.	Brief Description of material (s)	Unit	Quantity
1	**Fabrication and supply of Rudder Nose Ribs, Auxiliary spar tools using SA 516 Gr 70 Steel materials.**	**Set**	**1**
2	**Fabrication and supply of Rudder IS Rib spacers and clip tools using AL.6082 / HE 30 aluminium alloy materials**	**Set**	**1**
Please refer the Annexure I for detailed specification and list of items.			

Type of Bid	Two Bid
Performance Security	5% of the contract value
Bid Security (EMD) (in INR)	Bid Security Declaration should be enclosed with the quotation

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

Date & Time of Submission of e-Bid	**19/11/2026** - 11.00 Hrs
Date and Time of Opening of e-Bid	**20/11/2026** - 11.00 Hrs

2. E-Bids are invited through the electronic tendering process and the Tender Document can be downloaded from the Government e-Marketplace Portal i.e., https://gem.gov.in. **The submission of e-Bids will be only through the GeM portal** https://gem.gov.in**. Bids will not be accepted in any other form.**

3. Interested bidders' may obtain further information from the office of the:
Stores & Purchase Officer
Purchase Section
CSIR- National Aerospace Laboratories
PB No.1779, HAL Airport Road, Kodihalli, Bengaluru – 560017
Karnataka-India
Tel #: 080 25086040/6041, Email : purchasek.nal@csir.res.in

4. The prospective bidders' should adhere to deadlines specified in Tender details corresponding to this Tender on GeM portal **https://gem.gov.in**.

5. **Bid Security (BS) / Earnest Money Deposit (EMD):**
The bidders has to furnish/submit BID SECURING DECLARATION as per the FORMAT, in the name of **"The Director, National Aerospace Laboratories, Bengaluru",** without which the bid is liable to be rejected.

6. **Open Tender enquiry:**
Only Local suppliers with prescribed local content as detailed in DPIIT Order No. P-45021/2/2017-PP (BE-II) dated 16th Sep, 2020 and subsequent orders issued by Ministry of Finance, Government of India from time to time, are eligible for bidding. bidders' must enclose the certificate declaring the local content of supplies as per the format.

7. **Global Tender Enquiry:**
Either the Indian Agent on behalf of the Foreign Principal or the Foreign Principal can bid directly in a tender but **not** both. However, the offer of the Indian Agent should also accompany the authorisation letter from their principal. To maintain sanctity of tendering system, one Indian Agent **cannot** represent **two** different foreign principals in one tender.

(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 bidders' must disclose their foreign principal or associates.

(c) If bidders' 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)	Bidders' 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 bidders' 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.

Note: Kindly refer to the first page (NIT) for tender type (i.e. Open Tender Enquiry / Global Tender Enquiry) and submit your bid accordingly.

8. 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 bidders' in this tender, if any, is reciprocal of that Principal's Country, if it is Import.

9. As per Govt. of India procurement policies,

a) The purchaser intends to give purchase/service preference to local supplies (Preference to Make in India) in case the cost of procurement is up to Rs.50.00 (fifty) lakhs.

b) The procuring entity intends to give purchase/service preference to products/goods manufactured by micro, small and medium enterprises.

10. Bidders' are requested to refer to the instructions regarding Procurement Policies for "Make in India", issued by Ministry of Commerce and Industry, Department of Industrial Policy and Promotion dated. 28-May-2018, and 4-Jun-2020 and guidelines as and when issued.

11. Printed conditions, if any, submitted along with the quotation shall not be binding on us.

12. Bidders' to certify the quoted price is not higher than the price quoted with other Government Institution for similar specifications and quantity during the current financial year.

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

14. Kindly, note CSIR-NAL GST No.29AAATC2716R1ZB. The bidders are requested to furnish their GST no. in their invoice, failing which NAL will not be able to make the timely payment.

15. Unsolicited / conditional / unsigned Quotations/Quotations received after the due date and time shall be summarily rejected. The bidders shall comply the terms and conditions of the tender, failing which, the offer shall be liable for rejection.

16. 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.

Thanking you,

Yours sincerely,

Stores and Purchase Officer

No. NAL/PUR/ACD/087/26 **ANNEXURE-I**

Specifications and Allied Technical Details for Metallic Tools:
SARAS MK II Rudder Nose Ribs, Auxiliary Spars, IS Ribs & Clip tools

1. **End Use**
Metal tools will be used to manufacture composite Rudder Nose Ribs, Auxiliary spars, IS Ribs and Clips for SARAS Mk-II aircraft under autoclave moulding conditions of 190°C with external pressure of 7 bar and full vacuum.

2. **Detailed Specifications**
Fabrication & Supply of metallic tools as per the following supplied drawings and CAD models listed below in Table 1 for Module 1 and Table 2 for Module 2 metallic tools. CAD 3D models in STP/IGS format will be provided to the successful bidder along with Purchase Order. Bidder has to quote for each line item separately and **L1 will be based on the cost of each module.**

3. **Scope of Work**
Fabrication & supply of metallic tools/moulds manufactured using CNC machining process as per supplied 3D CAD model and 2D drawings for items listed below in Table 1 & 2 and requirements specified in this RFQ document.

4. **Input data and Requirements for Mould Manufacturing and Mould Specifications**
3D CAD model of the tool/mould will be supplied by CSIR-NAL in CATIA V5/ any other neutral format and 2D drawings in PDF format to the successful bidder for manufacturing of the following items mentioned in the Table 1 & 2.

Module 1:

Table 1: Fabrication and supply of Rudder Nose Ribs, Auxiliary Spar tools using SA 516 Gr 70 Steel materials

Sl. No.	Tool Description	Drawing Number	Qty	Remarks
1	Core Assy Nose Rib #4 I/B & O/B	25-A-C-55-40-100-017-000	01	
2	Core Assy Nose Rib #6 I/B & O/B	25-A-C-55-40-100-019-000	01	
3	Core Assy Nose Rib #8 I/B & O/B	25-A-C-55-40-100-022-000	01	
4	Tool for Nose Rib #11B,#12 & #13A	25-A-T-55-40-100-026-000	01	
5	Tool for Auxiliary Spar #2 (Horn Tip)	25-A-T-55-40-350-011-000	01	
6	Tool for Auxiliary Spar #3 (Horn Tip)	25-A-T-55-40-350-012-000	01	
7	Tool for Auxiliary Spar #4 (Horn Tip)	25-A-T-55-40-350-013-000	01	
8	Tool for Auxiliary Spar #2 (Horn Root)	25-A-T-55-40-350-014-000	01	
9	Tool for Auxiliary Spar #3 (Horn Root)	25-A-T-55-40-350-015-000	01	
10	Tool for Auxiliary Spar #4 (Horn Root)	25-A-T-55-40-350-016-000	01	
11	Tool For Front spar	25-A-T-55-40-200-003-000	01	
12	Tool for Trim Tab Spar	25-A-T-55-40-430-001-000	01	
13	Core for IS Root Rib #1	25-A-C-55-40-200-002-000	01	

14	Tool for IS Box Clip (RS-Horn Rib #15 FWD)	25-A-T-55-40-200-017-000	01	
15	Tool for IS Box Clip (RS-Horn Rib #15 AFT)	25-A-T-55-40-200-018-000	01	
16	Tool for IS Box Clip (FS-Horn Rib #15 FWD)	25-A-T-55-40-200-019-000	01	
17	Tool for IS Box Clip (FS-Horn Rib #15 AFT)	25-A-T-55-40-200-020-000	01	

Module 2:

Table 2: Fabrication and supply of Rudder IS Rib spacers and clip tools using AL.6082 / HE 30 aluminum alloy materials

Sl. No.	Tool Description	Drawing Number	Qty	Remarks
1	Tool for IS Box Clips	25-A-T-55-40-200-010-000	01	
2	Spacer for Root To IS Rib #2 I/B	25-A-M-55-40-205-104-000	01	
3	Spacer for IS Rib # 2 O/B To #3 I/B	25-A-M-55-40-205-105-000	01	
4	Spacer for IS Rib # 3 O/B To #4 I/B	25-A-M-55-40-205-106-000	01	
5	Spacer for IS Rib #4 O/B To #5 I/B	25-A-M-55-40-205-107-000	01	
6	Spacer for IS Rib #5 O/B To #6 I/B	25-A-M-55-40-205-108-000	01	
7	Spacer for IS Rib #6 O/B To #7 I/B	25-A-M-55-40-205-109-000	01	
8	Spacer for IS Rib #7 O/B To #8 I/B	25-A-M-55-40-205-110-000	01	
9	Spacer for IS Rib #8 O/B To #9 I/B	25-A-M-55-40-205-111-000	01	
10	Spacer for IS Rib #9 O/B To #10 I/B	25-A-M-55-40-205-112-000	01	
11	Spacer for IS Rib #10 O/B To #11 I/B	25-A-M-55-40-205-113-000	01	
12	Spacer for IS Rib #11 O/B To #12 I/B	25-A-M-55-40-205-114-000	01	
13	Spacer for IS Rib #12 O/B To #13 I/B	25-A-M-55-40-205-115-000	01	
14	Spacer for IS Rib #13 O/B To Mould Tip	25-A-M-55-40-205-116-000	01	
15	Tool For Trim Tab Plug (STA #1,#2,#3,#4,#5,#6,#7 & #8)	25-A-T-55-40-435-017-0A0	01	

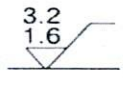
5. General instructions

(i) Drawings and 3D CATIA V5 CAD models listed above will be supplied by CSIR-NAL for tool fabrication.

(ii) Tool Material and build quality should meet the drawings requirements.

(iii) Tolerance on the tool thickness should be as per respective drawing.

(iv) All machined surfaces/ planes should be hard chrome/electroless nickel finish in case of steel tools and hard anodization in case of Aluminium alloy tools. Other area for corrosion resistance to be painted with high temperature aluminium paint to withstand operating temperature of 250°C. (The thickness of the hard chrome coating / Anodize Aluminium may be 30 to 40 microns.)

(v) Contour and reference planes should be machined to 

surface finish.

(vi) Contour tolerance for the individual tool surface should be within ±0.3 mm with respect to the tooling holes as per drawing.

(vii) The tool contour inspection should be carried out w.r.t. tooling holes at every 50 mm grid location (maximum) along length and width. Closer readings to be taken on need basis / Laser scanning report for the tool surface.

(viii) Part boundary marking-grooves should be done as called in the Model/drawings. The tolerance on the tool groove boundary is ±1.0 mm.

(ix) Vendor should accommodate 10 – 15% modification in tool design and fabrication (if required at the time of PO placement).

6. Acceptance Test Plan (ATP)

The acceptance test will be conducted by the purchaser, their consultant or other such person nominated by the purchaser at its option after the tools/moulds received 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 tools/moulds 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 reserves the right to get the tools/moulds replaced by the supplier at no extra cost to the purchaser.

Successful conduct and conclusion of the acceptance test for the tools/moulds shall also be the responsibility and at the cost of the supplier. Acceptance Tests Plan (ATP) at the final destination (CSIR-NAL) include the following:

Phase 1 - Pre-Dispatch Inspections:

6.1.1 Tool/moulds should meet all the requirements mentioned in the respective drawing/s and the requirements mentioned in this document.

6.1.2 Vendor should inspect the metallic tools/ mould items mentioned in Table 1 as per the drawing and 3D CAD model and 2D drawings. The contour inspection should be done using Laser tracker/CMM in the presence of CSIR-NAL team and inspection report should be submitted to CSIR-NAL. Vendor should meet all specifications as per drawing.

6.1.3 After these inspections, CSIR-NAL will give the clearance to ship the metallic mould/tools to CSIR-NAL carryout vacuum integrity (leak test) and thermal survey at CSIR-NAL, no cost to the vendor. However, tool/moulds will be accepted after vacuum integrity test only.

Phase 2- Final Acceptance at CSIR-NAL:

After receiving the metallic tools/moulds at CSIR-NAL, the following inspection/tests will be carried out to accept the mould/tools.

6.2.1 Vacuum Integrity Test (Leak test) and thermal survey should be as follows:
The Metallic moulds/Tools provided by the vendor will be subjected to the following autoclave cure cycle at CSIR-NAL at no cost to vendor.

Cure Cycle: 180 ± 5°C for 2 hours under full vacuum and 7 Bar of External Pressure as per approved cure process document.

6.2.2 After Vacuum Integrity (leak test) and thermal survey, the tools will be subjected to laser tracker/CMM inspection at CSIR-NAL (if required) as per the drawing at no cost to vendor. Also, the visual and dimensional inspection of the tool will be carried out as per drawing by CSIR-NAL at no cost to vendor.

6.2.3 If any deviation is found in Vacuum integrity, tool NMG/surface contour and dimensional measurements as per the supplied drawings, these deviations have to be corrected or replace with new tool by supplier without any additional costs to CSIR-NAL.

6.2.4 After the cure, the tool should not have any peeling of surface protection coating, paint and any other visible deterioration. If found, vendor should rectify the tools or replace with new one without any additional cost to CSIR-NAL.

7. General Conditions

7.1 CSIR-NAL keeps its rights to perform acceptance inspection/witness of Dimensional checks and contour inspection at the manufacturer's facilities.

7.2 Whenever vendor is ready to carry out CMM/Laser Tracker inspection of the moulds/tools, vendor shall give at least ten days' advance notice, including the place and time to CSIR-NAL. CMM/Laser Tracker inspection at vendor's designated place to be arranged by the vendor.

7.3 CSIR-NAL will bear the cost for the visit of CSIR-NAL team to vendor's place.

8. Deliverables

Module 1:

Table 3: List of Rudder Nose Ribs, Auxiliary Spar tools to be delivered

Sl. No.	Tool Description	Drawing Number	Qty	Remarks
1	Core Assy Nose Rib #4 I/B & O/B	25-A-C-55-40-100-017-000	01	
2	Core Assy Nose Rib #6 I/B & O/B	25-A-C-55-40-100-019-000	01	
3	Core Assy Nose Rib #8 I/B & O/B	25-A-C-55-40-100-022-000	01	
4	Tool for Nose Rib #11B,#12 & #13A	25-A-T-55-40-100-026-000	01	
5	Tool for Auxiliary Spar #2 (Horn Tip)	25-A-T-55-40-350-011-000	01	
6	Tool for Auxiliary Spar #3 (Horn Tip)	25-A-T-55-40-350-012-000	01	
7	Tool for Auxiliary Spar #4 (Horn Tip)	25-A-T-55-40-350-013-000	01	
8	Tool for Auxiliary Spar #2 (Horn Root)	25-A-T-55-40-350-014-000	01	
9	Tool for Auxiliary Spar #3 (Horn Root)	25-A-T-55-40-350-015-000	01	
10	Tool for Auxiliary Spar #4 (Horn Root)	25-A-T-55-40-350-016-000	01	
11	Tool For Front spar	25-A-T-55-40-200-003-000	01	
12	Tool for Trim Tab Spar	25-A-T-55-40-430-001-000	01	
13	Core for IS Root Rib #1	25-A-C-55-40-200-002-000	01	

14	Tool for IS Box Clip (RS-Horn Rib #15 FWD)	25-A-T-55-40-200-017-000	01	
15	Tool for IS Box Clip (RS-Horn Rib #15 AFT)	25-A-T-55-40-200-018-000	01	
16	Tool for IS Box Clip (FS-Horn Rib #15 FWD)	25-A-T-55-40-200-019-000	01	
17	Tool for IS Box Clip (FS-Horn Rib #15 AFT)	25-A-T-55-40-200-020-000	01	
Note: **1. Vendor should supply box type movable trolley to store all small tools.** **2. Vendor should supply individual Polythene covers for remaining all tools.**				
Documents/CAD data/Reports:				
1.	Raw Material CoC & Heat treatment /Stress relieve Report (if any)			
2.	Surface Finish/Treatment Report			
3.	CMM/ Laser Tracker Contour Report & 2D Dimensional report			
4.	NDT reports of welding ensuring defect free joints.			
5.	Any updated tool 3D CAD model and drawings released by vendor. One set of released drawings should be given in print.			

Module 2:

Table 4: List of Rudder IS Rib spacers and clip tools to be delivered

Sl. No.	Tool Description	Drawing Number	Qty	Remarks
1	Tool for IS Box Clips	25-A-T-55-40-200-010-000	01	
2	Spacer for Root To IS Rib #2 I/B	25-A-M-55-40-205-104-000	01	
3	Spacer for IS Rib # 2 O/B To #3 I/B	25-A-M-55-40-205-105-000	01	
4	Spacer for IS Rib # 3 O/B To #4 I/B	25-A-M-55-40-205-106-000	01	
5	Spacer for IS Rib #4 O/B To #5 I/B	25-A-M-55-40-205-107-000	01	
6	Spacer for IS Rib #5 O/B To #6 I/B	25-A-M-55-40-205-108-000	01	
7	Spacer for IS Rib #6 O/B To #7 I/B	25-A-M-55-40-205-109-000	01	
8	Spacer for IS Rib #7 O/B To #8 I/B	25-A-M-55-40-205-110-000	01	
9	Spacer for IS Rib #8 O/B To #9 I/B	25-A-M-55-40-205-111-000	01	
10	Spacer for IS Rib #9 O/B To #10 I/B	25-A-M-55-40-205-112-000	01	
11	Spacer for IS Rib #10 O/B To #11 I/B	25-A-M-55-40-205-113-000	01	
12	Spacer for IS Rib #11 O/B To #12 I/B	25-A-M-55-40-205-114-000	01	
13	Spacer for IS Rib #12 O/B To #13 I/B	25-A-M-55-40-205-115-000	01	
14	Spacer for IS Rib #13 O/B To Mould Tip	25-A-M-55-40-205-116-000	01	
15	Tool For Trim Tab Plug (STA #1,#2,#3,#4,#5,#6,#7 & #8)	25-A-T-55-40-435-017-0A0	01	
Note: **1. Vendor should supply box type movable trolley to store all small tools.** **2. Vendor should supply individual Polythene cover for clip tool.**				

Documents/CAD data/Reports:	
1.	Raw Material CoC & Heat treatment /Stress relieve Report (if any)
2.	Surface Finish/Treatment Report
3.	CMM/ Laser Tracker Contour Report & 2D Dimensional report
4.	NDT reports of welding ensuring defect free joints.
5.	Any updated tool 3D CAD model and drawings released by vendor. One set of released drawings should be given in print.

9. Responsibility of CSIR-NAL

9.1 CSIR-NAL will provide the 3D CAD model and 2D Drawing of all the Tools/Moulds listed in Table 1.

9.2 After receiving the moulds at CSIR-NAL, autoclave cure as mentioned in section 6 (Phase 2 Final Acceptance at CSIR-NAL) will be performed and inspection of the mould as per drawing and contour inspection by Laser Tracker/CMM for final acceptance, will be carried out at no cost to the vendor.

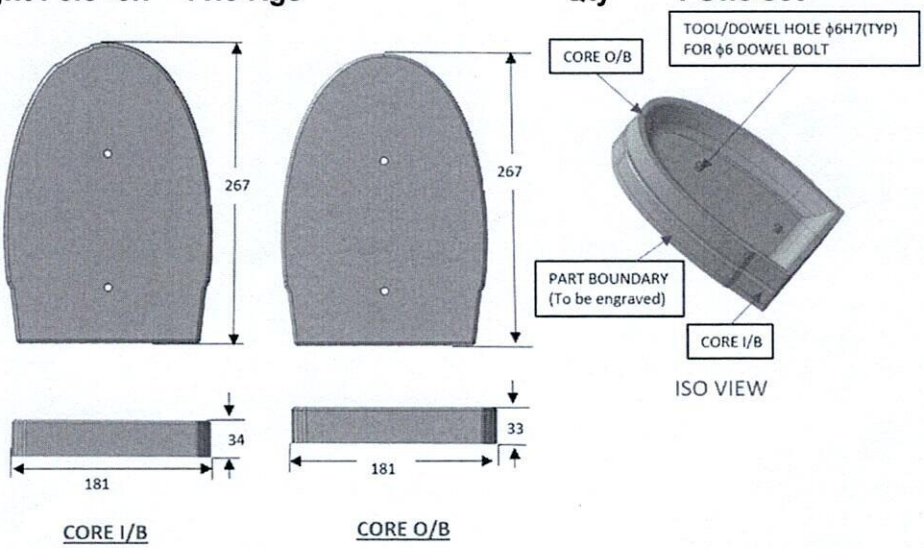
10. Packing & Delivery

The Moulds are to be packed in marked wooden boxes, which are being suitable for transportation. Box should be designed with fork lift access profiles in the bottom.

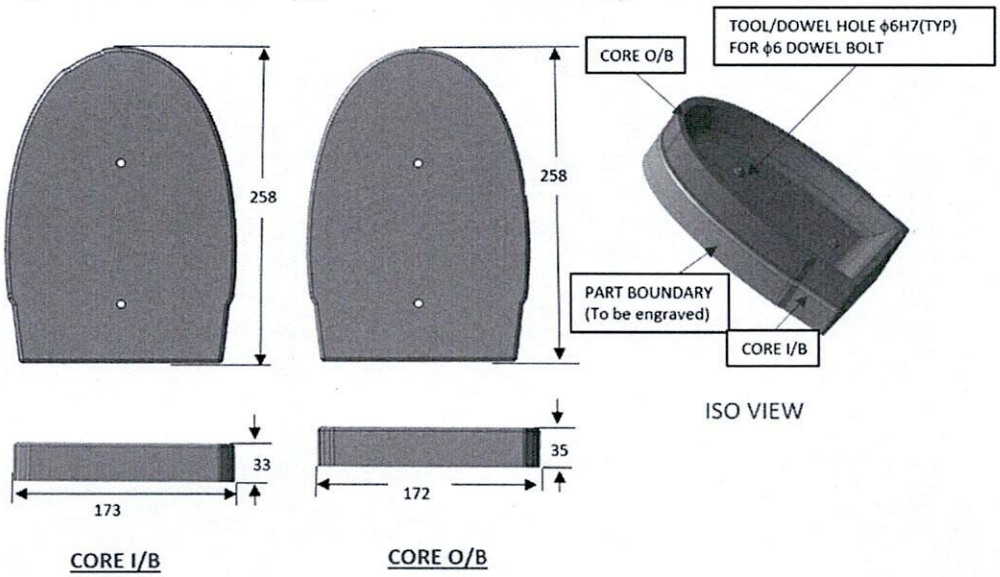
11. Details of Tools (Module 1)

Raw Material : SA 516 Gr 70
Tool Contour Tolerance : ± 0.3mm
Finish : Electroless Nickel Coating

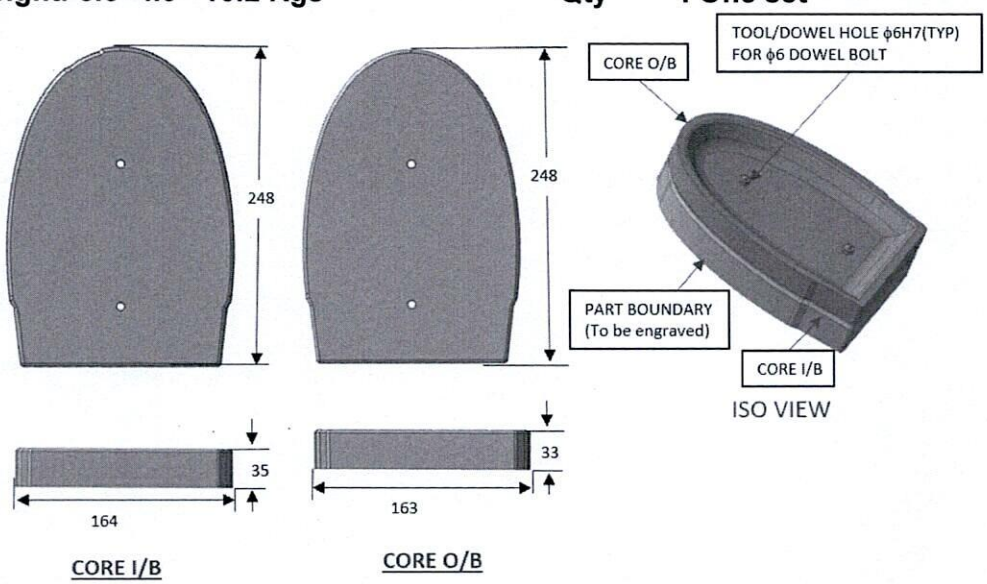
11.1 CORE Assembly NOSE RIB #4 I/B & O/B **Dwg. No: 25-A-C-55-40-100-017-000**
Weight : 5.8+5.7= 11.5 Kgs **Qty : One set**



11.2 CORE Assembly NOSE RIB #6 I/B & O/B **Dwg. No: 25-A-C-55-40-100-019-000**
Weight : 5.2+5.5= 10.7 Kgs **Qty : One set**



11.3 CORE Assembly NOSE RIB #8 I/B & O/B **Dwg. No: 25-A-C-55-40-100-022-000**
Weight: 5.3+4.9= 10.2 Kgs **Qty : One set**



11.4 TOOL FOR NOSE RIB #11B, #12 & #13A **Dwg no: 25-A-T-55-40-100-026-000**
Weight: Refer Table 5 **Qty : Refer Table 5**

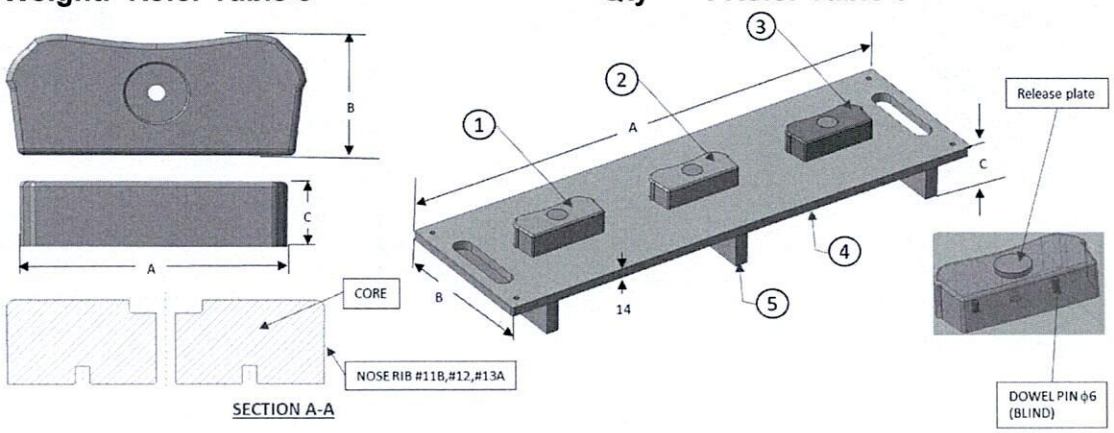
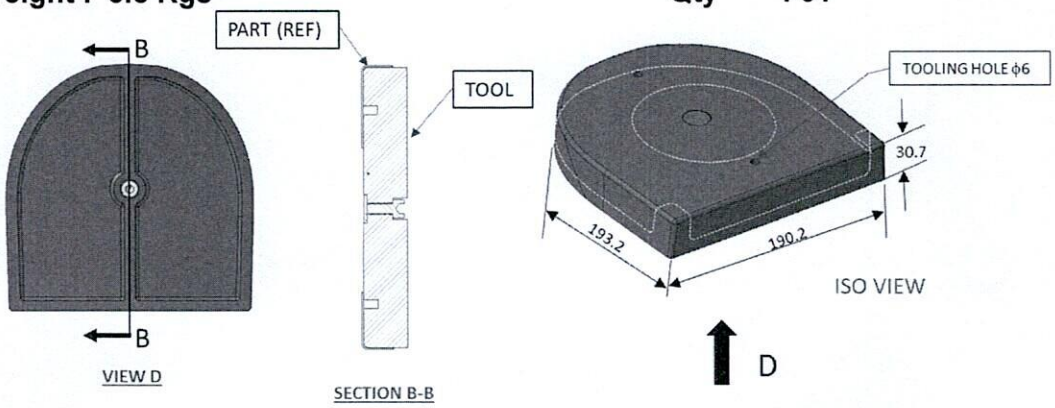


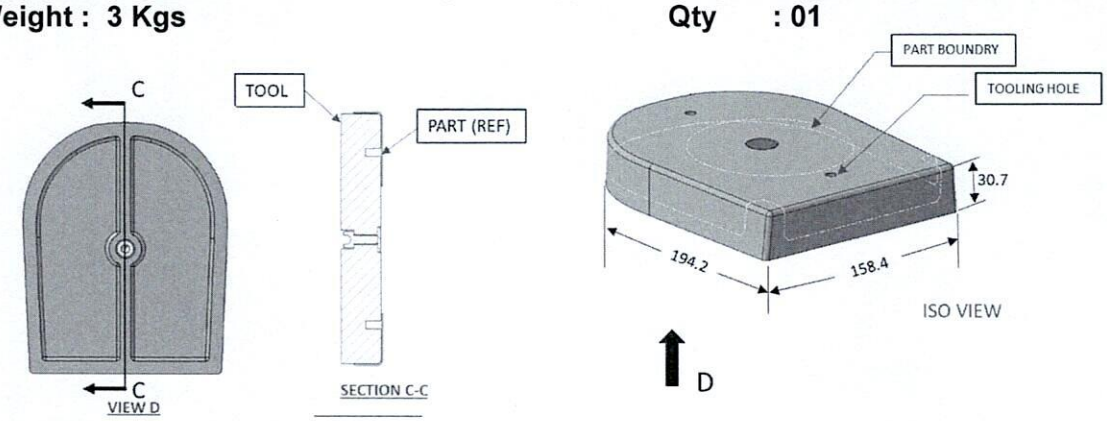
Table 5: Bill of materials

ITEM NO	NAME	MODEL SIZE	WEIGHT In kgs	QTY
1	NOSE RIB #11B	138X59X36	2.12	1
2	NOSE RIB #12	135X59X32	1.74	1
3	NOSE RIB #13A	132X59X32	1.68	1
4	BASE PLATE	800X250X14	22	1
5	STIFFENERS	250X50X10	5.895 (Total)	3
6	RELEASE PLATE	ϕ30X3	0.081 (Total)	3

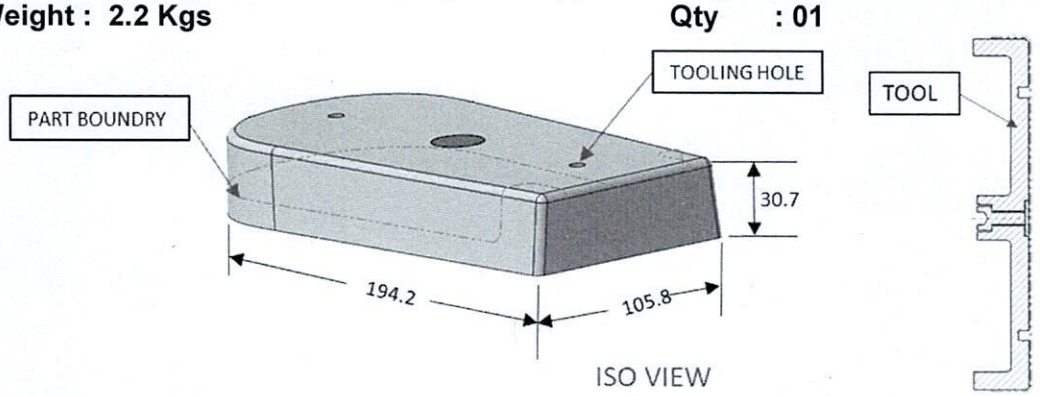
11.5 TOOL FOR AUXILLARY SPAR #2 (Horn Tip) **Dwg no: 25-A-T-55-40-350-011-000**
Weight : 3.8 Kgs **Qty : 01**



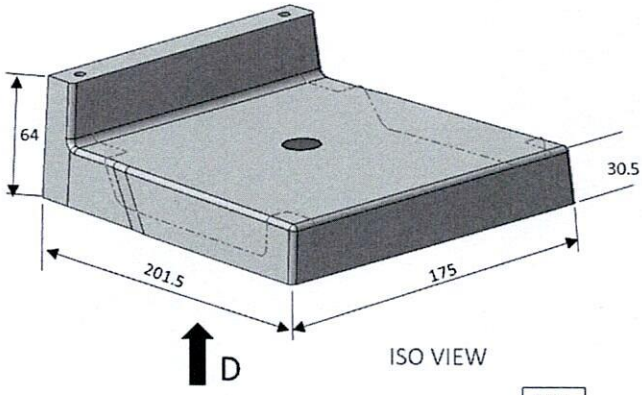
11.6 TOOL FOR AUXILLARY SPAR #3 (Horn Tip) **Dwg no: 25-A-T-55-40-350-012-000**
Weight : 3 Kgs **Qty : 01**



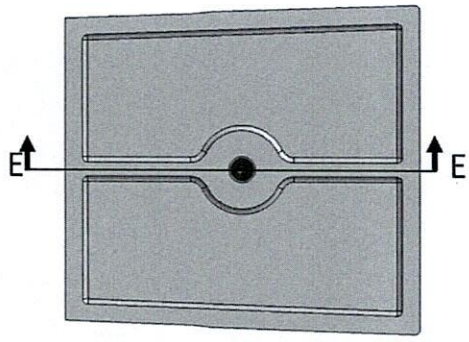
11.7 TOOL FOR AUXILLARY SPAR #4 (Horn Tip) **Dwg no: 25-A-T-55-40-350-013-000**
Weight : 2.2 Kgs **Qty : 01**



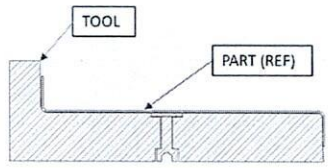
11.8 TOOL FOR AUXILLARY SPAR #2 (Horn Root) **Dwg no: 25-A-T-55-40-350-014-000**
Weight : 5.4 Kgs **Qty : 01**



ISO VIEW

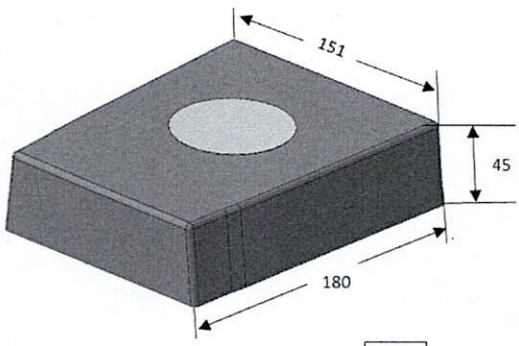


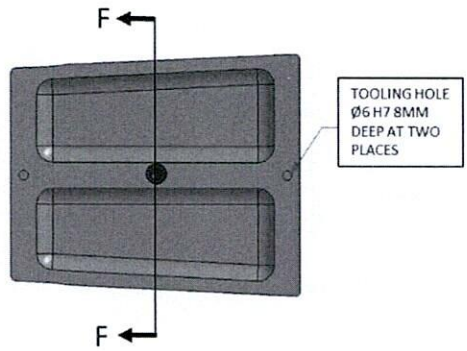
VIEW D



SECTION E-E

11.9 TOOL FOR AUXILLARY SPAR #3 (Horn Root) **Dwg no: 25-A-T-55-40-350-015-000**
Weight : 4.3 Kgs **Qty : 01**

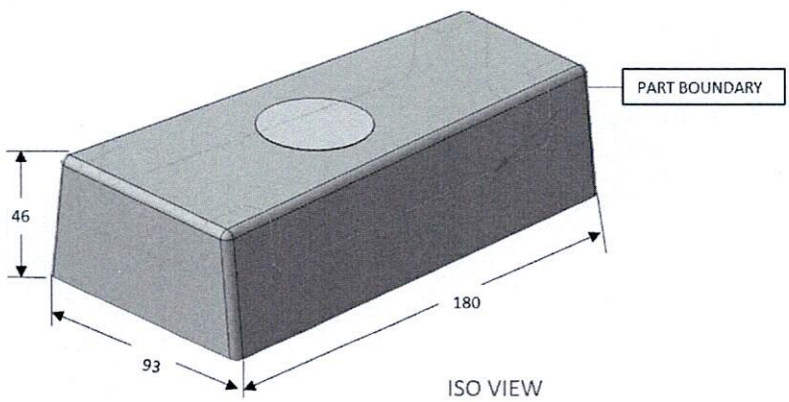




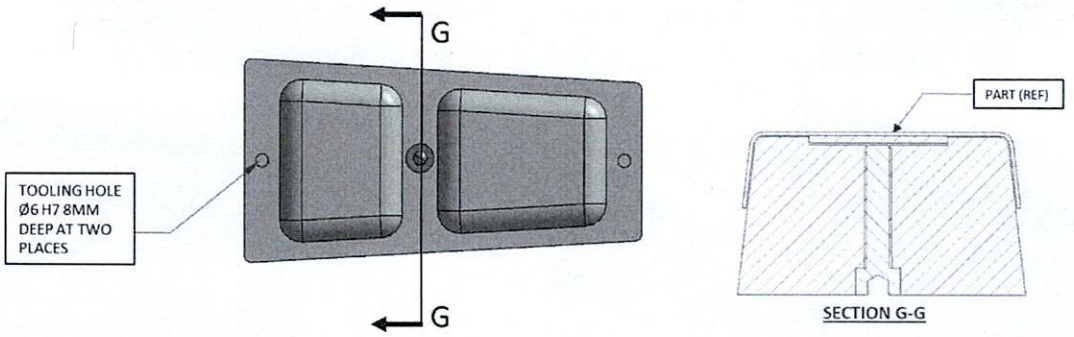


SECTION F-F

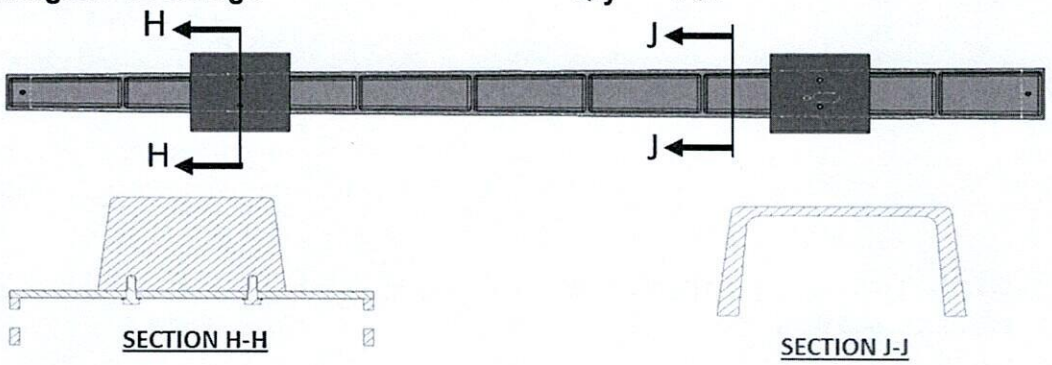
11.10 TOOL FOR AUXILLARY SPAR #4 (Horn Root) **Dwg no: 25-A-T-55-40-350-016-000**
Weight : 2.3 Kgs **Qty : 01**

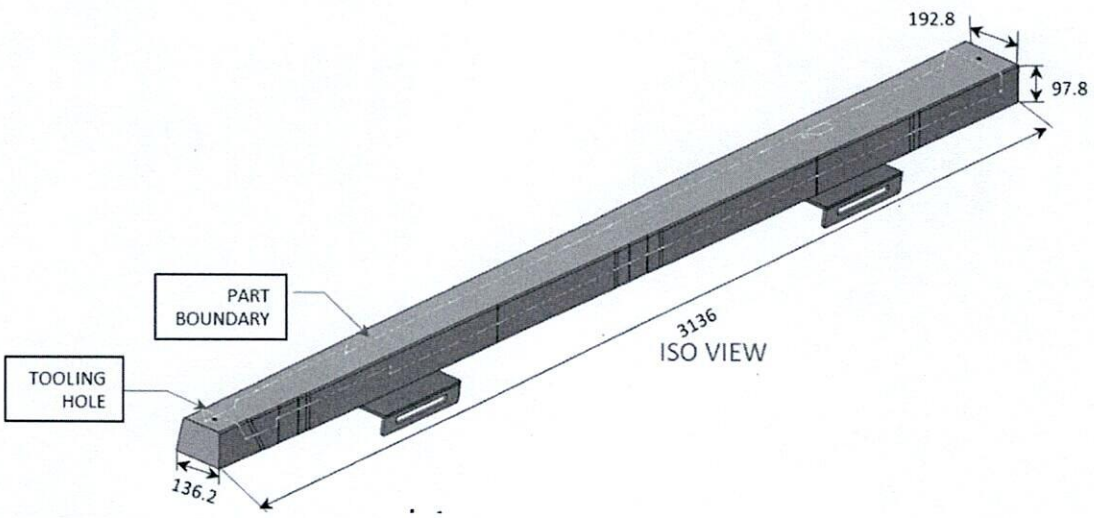


ISO VIEW

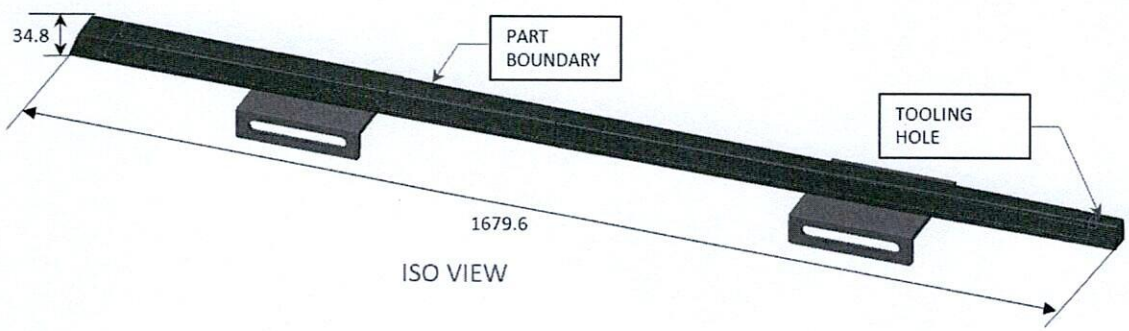


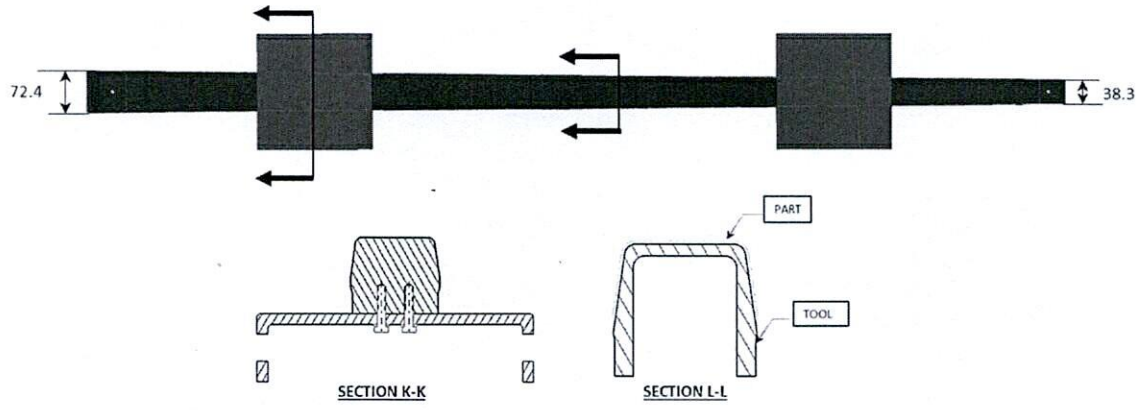
11.11 METAL MOULD FOR FRONT SPAR **Dwg no: 25-A-T-55-40-200-003-000**
Weight : 111.5 Kgs **Qty : 01**



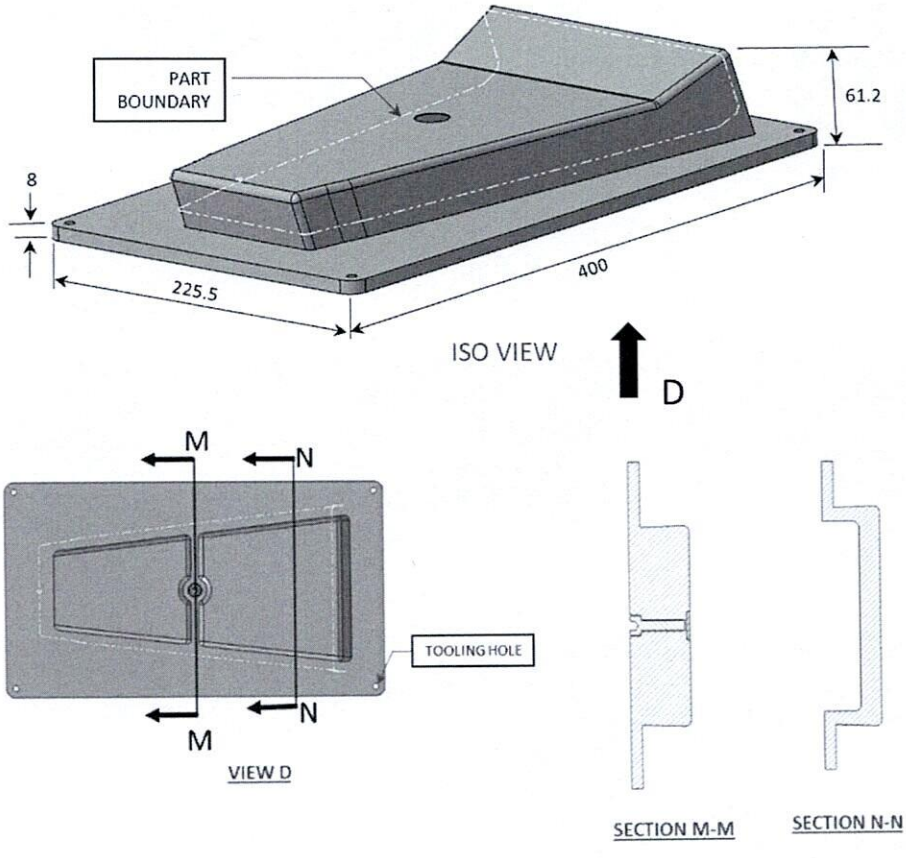


11.12 TOOL FOR TRIM TAB SPAR **Dwg no: 25-A-T-55-40-430-001-000**
Weight : 20.8 Kgs **Qty : 01**

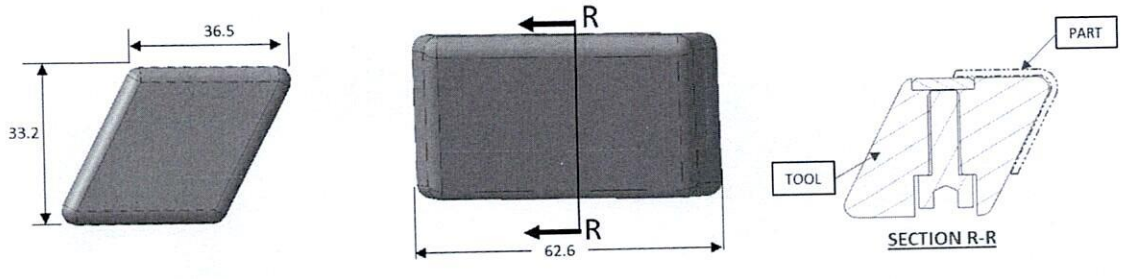




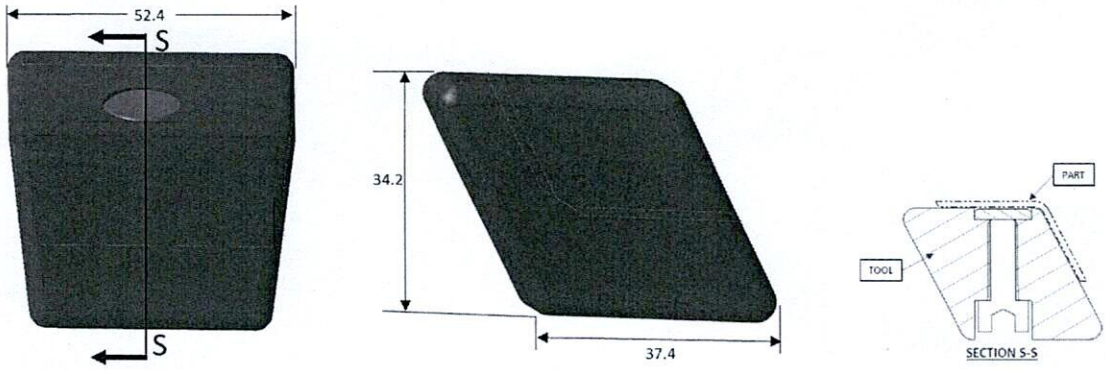
11.13 CORE FOR IS ROOT RIB #1 **Dwg no: 25-A-C-55-40-200-002-000**
Weight : 10.9 Kgs **Qty : 01**



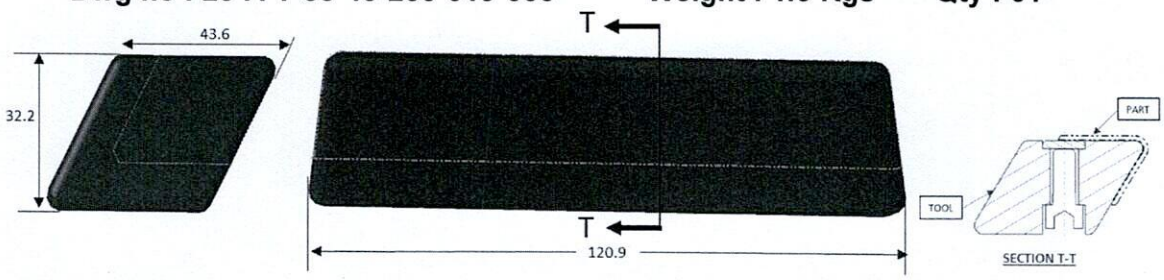
11.14 TOOL FOR IS BOX CLIP (RS-HORN RIB #15 FWD)
Dwg no : 25-A-T-55-40-200-017-000 **Weight : 0.6 Kgs** **Qty : 01**



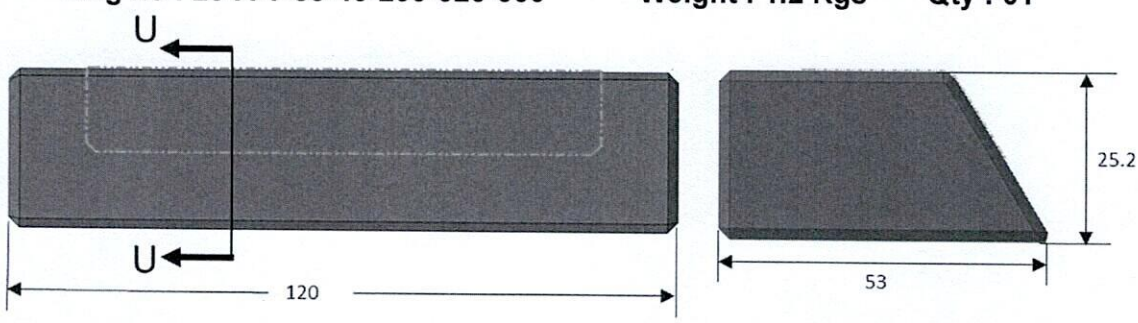
11.15 TOOL FOR AFT BOX CLIP (RS-HORN RIB #15 AFT)
Dwg no : 25-A-T-55-40-200-018-000 **Weight : 0.6 Kgs** **Qty : 01**



11.16 TOOL FOR IS BOX CLIP (FS-HORN RIB #15 FWD)
Dwg no : 25-A-T-55-40-200-019-000 Weight : 1.3 Kgs Qty : 01



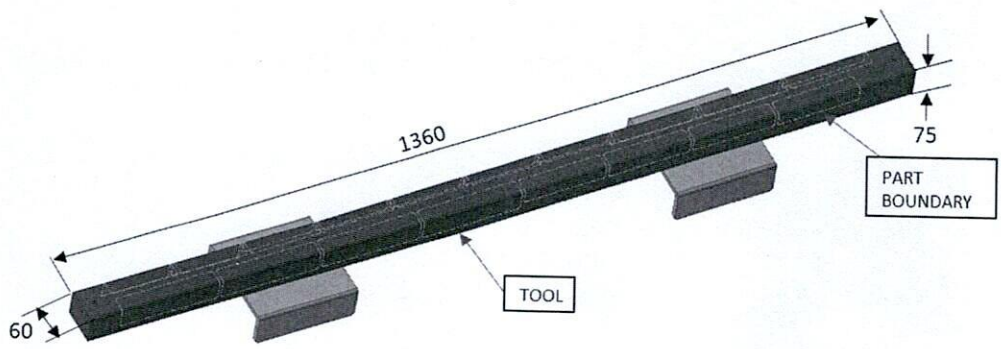
11.17 TOOL FOR AFT BOX CLIP (FS-HORN RIB #15 AFT)
Dwg no : 25-A-T-55-40-200-020-000 Weight : 1.2 Kgs Qty : 01



12. Details of tools (Module 2)

Raw Material	**: AL 6082 / HE 30**
Tool Contour Tolerance	**: ± 0.3mm**
Finish	**: ANODIZATION**

12.1 TOOL FOR IS BOX CLIPS **Dwg no: 25-A-T-55-40-200-010-000**
Weight : 20 Kgs **Qty : 01**



12.2 SPACER FOR IS RIB CURING TOOL **Dwg no: Refer Table 6**
Weight : Refer Table 6 **Qty : Refer Table 6**

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.

h) Before the goods and Tools are taken over by the Purchaser, the Supplier shall supply operation and maintenance Manuals together with Drawings of the goods and Tools 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.

i) The Manuals and Drawings shall be in the ruling language (English) and in such form and numbers as stated in the Contract.

j) Unless and otherwise agreed, the goods and Tools shall not be considered to be completed for the purposes of taking over until such Manuals and Drawing have been supplied to the Purchaser.

k) On successful completion of acceptability test, receipt of deliverables, etc. and after the Purchaser is satisfied with the working of the Tools, 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 Tools.

13.2 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.

13.3 Pre-Dispatch Inspection

13.3.1 Whenever vendor is ready to carry out CMM/Laser Tracker inspection of the Tools/Moulds, vendor shall give at least ten days' advance notice, including the place and time to CSIR-NAL. CMM/Laser Tracker inspection at vendor's designated place to be arranged by the vendor.

13.3.2 NAL personnel may visit at different stages of manufacturing (mentioned below) of tools, at supplier's place or at other place where work is in progress.

i. During contour machining
ii. During contour inspection

1)	Location	At vendor location
2)	Number of persons	02
3)	Period of pre-dispatch Inspection	3 visits (max), 6 days
4)	Nature of pre-dispatch Inspection	a) Tool contour and dimensional inspection b) Verification of assembly/disassembly of tool

Note:

(i) Pre- Dispatch inspection of tool will have to be done at vendor place like Tool Contour, Dimensional Inspection and leak test at room temperature. The vendor should inspect final machined contour of tool by using Coordinate Measuring Machine (CMM)/Laser tracker with valid calibration in the presence of CSIR-NAL team. Vendor should meet all specifications as per tool drawing.

(ii) Travel expenses of CSIR-NAL personnel for pre-dispatch will be borne by CSIR-NAL.

(iii) Vendor to share complete inspection reports prior to pre-dispatch inspection including raw material CoC, ensuring no cracks and stress relieving / heat treatment.

13.4 Acceptance Test

13.4.1 The acceptance test will be conducted by the Purchaser, their consultant or other such person nominated by the Purchaser at its option after the moulds/tools are received 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.

13.4.2 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 moulds/tools to be replaced by the Supplier at no extra cost to the Purchaser.

13.4.3 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.

13.4.4 The acceptance tests at the final destination include as per ATP clause 6.

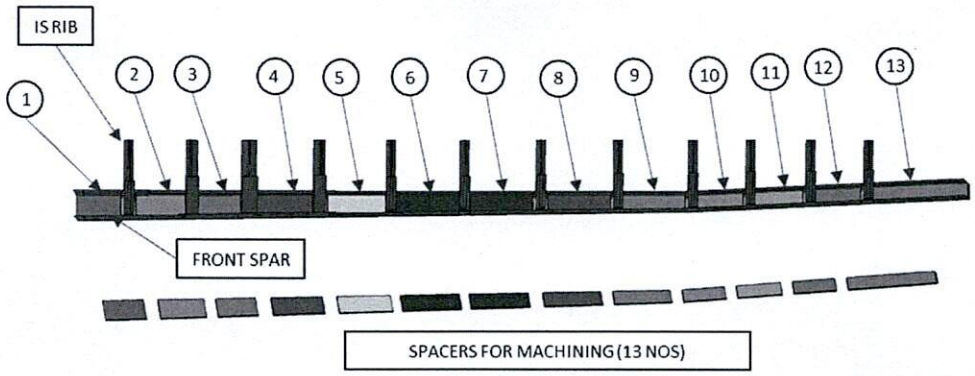
14. Incidental Services: On site Comprehensive Warranty

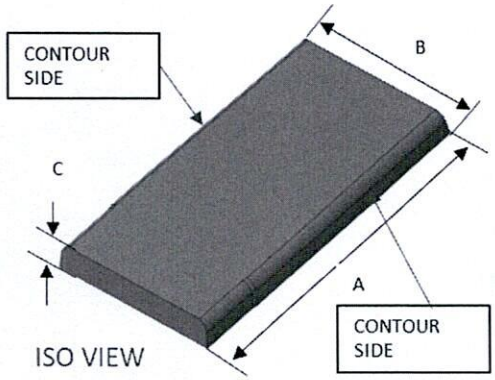
The vendor shall provide warranty of one year or 10 cures whichever is earlier, for any surface cracks, vacuum leak or any other manufacturing defect like warpage that makes the mould/tools deviate from the tender specifications after the date of acceptance by CSIR-NAL.

15. Annual Maintenance Contract: 'No Annual Maintenance Contract is Required'.

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

Delivery of the item		**Acceptance of the item**
Days/ Weeks/ Months	**Location**	**Days/ Weeks/Months from the date of Installation, Commissioning & Training**
04 months from PO Date	CSIR-NAL, Bengaluru	31 Days





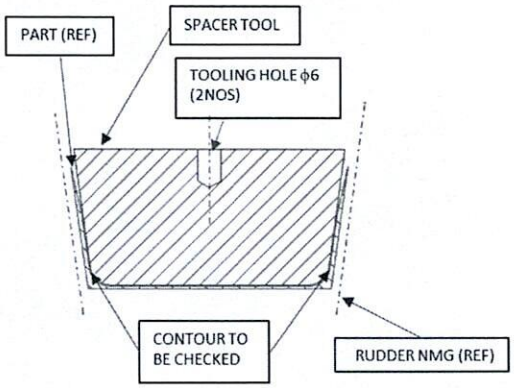
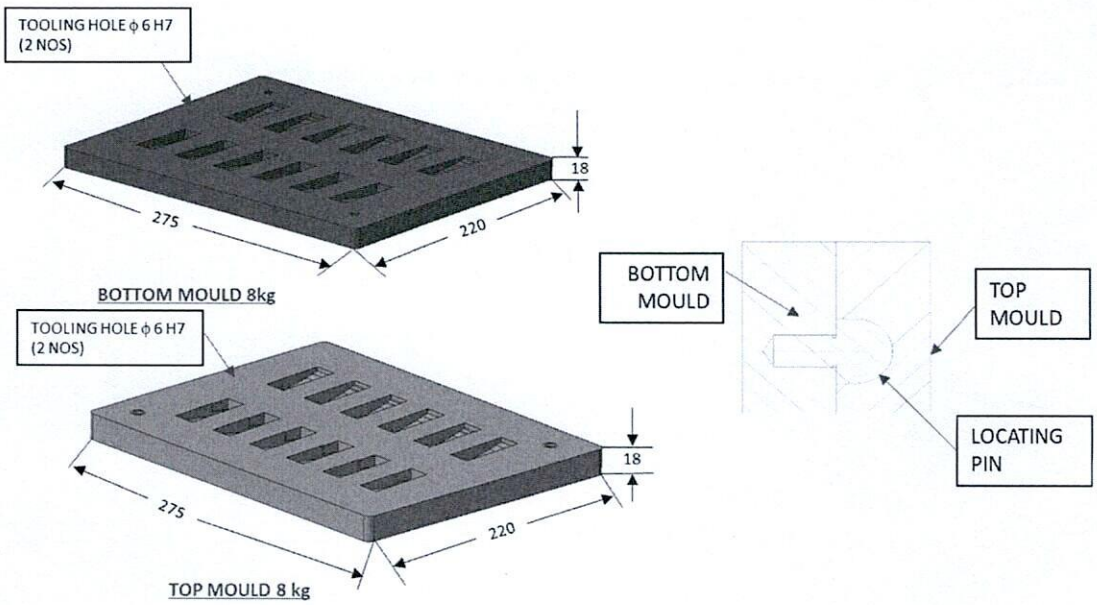


Table 6: Individual spacer details

SL NO	TOOL NAME	TOOL NO	A	B	C	Weight in kgs
1	Spacer for Root to IS Rib #2 I/B	25-A-M-55-40-205-104-000	274	100	40	3.5
2	Spacer for IS Rib # 2 O/B to # 3 I/B	25-A-M-55-40-205-105-000	168	97	40	2
3	Spacer for IS Rib # 3 O/B to # 4 I/B	25-A-M-55-40-205-106-000	144.5	92.5	44	2
4	Spacer for IS Rib # 4 O/B to # 5 I/B	25-A-M-55-40-205-107-000	187.5	83.8	44	2.5
5	Spacer for IS Rib # 5 O/B to # 6 I/B	25-A-M-55-40-205-108-000	196.5	84.5	35	2
6	Spacer for IS Rib # 6 O/B to # 7 I/B	25-A-M-55-40-205-109-000	214.9	81	35	2
7	Spacer for IS Rib # 7 O/B to # 8 I/B	25-A-M-55-40-205-110-000	216.5	75.9	35	2
8	Spacer for IS Rib # 8 O/B to # 9 I/B	25-A-M-55-40-205-111-000	213.6	71.6	35	1.5
9	Spacer for IS Rib # 9 O/B to # 10 I/B	25-A-M-55-40-205-112-000	212	67.1	35	1.5
10	Spacer for IS Rib # 10 O/B to # 11 I/B	25-A-M-55-40-205-113-000	154.8	62.7	35	1
11	Spacer for IS Rib # 11 O/B to # 12 I/B	25-A-M-55-40-205-114-000	163.9	62.7	35	1.5
12	Spacer for IS Rib # 12 O/B to # 13 I/B	25-A-M-55-40-205-115-000	155.3	62.8	35	1

13	Spacer for IS Rib # 13 O/B to mould tip	25-A-M-55-40-205-116-000	350	62.9	35	2.5

12.3 TOOL FOR TRIM TAB PLUG (STA #1,#2,#3,#4,#5,#6,#7 & #8)
DWG. NO : 25-A-T-55-40-435-017-0A0 Weight : 16 Kgs Qty : ONE set



13. Inspection & Tests

13.1 General

a) 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.

b) 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.

c) 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.

d) 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.

e) 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.

f) The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.

g) 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

Tender No.: NAL/PUR/

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 after 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)

(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.: NAL/PUR/

SELF DECLARATION CERTIFICATE FOR LOCAL CONTENT

In Respect of NIT/RFQ No. .....
issued by CSIR-National Aerospace Laboratories, Bengaluru

I, the undersigned, ... (full names), do hereby declare, in my capacity as .....of ..... (name of bidder / OEM), the following:

a) The facts contained herein are within my own personal knowledge.

b) I have read and understood the requirement of Local Content and same is specified as percentage calculated in accordance with the definition provided at clause 2 of revised **Public Procurement (Preference to Make in India) Order 2017.**
"Local content" as per above order means the amount of value added in India which shall be the total value of 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."

c) I have satisfied myself that the goods/services/works to be delivered in terms of the above-specified NIT comply with the local content requirements and I hereby confirm in respect of quoted item(s) that:
   (i) Local Content is equal to --------- (in percentage) and come under 'Class-I Local Supplier Category' (The local content requirement to categorize a supplier as Class I Local Supplier is minimum 50%)

   Or

   (i) Local Content is equal to -------- (in percentage) and come under 'Class-II Local Supplier Category' (The local content requirement to categorize a supplier as Class II Local Supplier is minimum 20%)
   (Tick appropriate Category of Local Supplier).

(d) The local content calculated using the definition given above are as under:

Sl. No	Name of Item / Equipment	Local content calculated as above (%)	Location of local value addition (Location shall be the specified as name of city or district, etc.)	Imported content including all Customs duties (%)

Note: Attach separate sheet duly signed if space is not sufficient.

(e) I understand that if we are offering products with local content less than the minimum requirement prescribed under Clause 5 of the above order, we will fall under the category of Non-Local Suppliers. We can't claim ourselves as Class-I local suppliers/ Class-II local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc. as local value addition.

(f) I also understand; 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 Financial Rules along with such other actions as may be permissible under law.

SIGNATURE: **DATE:**

Seal / Stamp

NB:

(i) Before completing this declaration, bidders must study the General Conditions, Definitions, Government Directives applicable in respect of Local Content & prescribed tender conditions.

(ii) In case the bidder is supplier and not OEM, then the above mentioned MII certificate should be given by the OEM in their letter head.

(iii) Local content percentage shall be declared item wise or tender wise strictly as per the terms of the tender.

(iv) Local Content Declaration to be signed by Chief Financial Officer or other Legally Responsible Person Nominated in Writing by The Chief Executive or Senior Member/Person with Management Responsibility (Corporation, Partnership or Individual).

(v) The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

Tender No.: NAL/PUR/

Format for declaration by the Bidder for Code of Integrity & Conflict of Interest (This declaration should be furnished on the Bidders Letter Head

Ref. No: _____ Date _____

To,

_____

_____
(Name & address of the Purchaser)

Sir/Madam,

With reference to your Tender No._____ dated _____ I/We hereby declare that we shall abide by the Code of Integrity for Public Procurement as mentioned under Para 1.3.0 of ITB of your Tender document and have no Conflict of Interest.

The details of any previous transgressions of the Code of Integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

a)
b)
c)

We undertake that we shall be liable for any punitive action in case of transgression / contravention of this code.

Thanking you,

Yours Sincerely,

Signature
(Name of the Authorised Signatory)
Company Seal

Tender No.: NAL/PUR/

SELF CERTIFICATION

With reference to Clause No. 1.1.3, of this tender and GoI, Ministry of Finance Order No.: F. No. 6/18/2019-PPD, dated 23rd July, 2020, on "Restrictions under Rule 144 (xi), of the General Financial Rules (GFRs)", & OM No. F. No. 18/37/2020-PPD, dated 8th February, 2021, and as amended from time to time on the date of issue of Tender:

It is certified that

□ We are not a bidder of a country which shares a land border with India.

OR

□ We are a bidder of a country which shares a land border with India, however, we are eligible to bid in any procurement whether of goods or services as we are registered with the Competent Authority as specified in Ministry of Finance (GoI) Order No. 6/18/2019 – PPD, dated 23rd July 2020. Copy of valid registration is attached.

□ Tick as applicable

Place:

Date:

Authorised Signatory Name:
Company Seal

TERMS & CONDITIONS

Tender No.		
Sl. 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, Installation, Commissioning, Training & Acceptance	
a)	Delivery of the Item BoQ/NIT [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	
13	Partial Shipment [If partial shipment required, the charges incurred towards partial shipment to be borne by Bidder]	
14	Payment Term	
15	Currency of Bid/Quotation	
16	Statutory Levies [GST/IGST or any other taxes, duties] % of tax to be mentioned.	
17	Bidder GST No.	
18	Bidder Bank Details along with Cancelled cheque	
19	Insurance Coverage	
20	Warranty	
21	Agree to submit Performance Security, if any	

23	Validity of offer	
24	Order to be placed [Full address, Tel #, Fax #, Email Id, Contact Person]	
25	Nature of the item **[to be specified]** Hazardous/Radio Active/ Perishable/ Dangerous/ Shelf-life or any other	
26	Bidder to mention in the quote, any special carrier requirement is necessary for transport viz Special License, ODC etc.,	
27	Any other	
28	Total Price quoted as per BoQ/Price Schedule/List of Deliverables exclusive of tax	
29	Total Price quoted as per BoQ/Price Schedule/List of Deliverables inclusive of tax	
Note:	**Unit Price indicating currency FOB (named port of shipment or FCA (named place of delivery)**	