

Tender ID: GEM/2025/B/6088609

**PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON ...09-APRIL-2025..**  
**THROUGH WEBEX TOWARDS "SUPPLY OF CARBON FIBER REINFORCED**  
**PLASTIC MOULD – REAR FUSELAGE TOP SKIN USING RESIN INFUSION PROCESS"**

The Pre-bid Conference was held and the following T&PC members attended the meeting: -

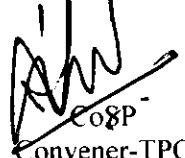

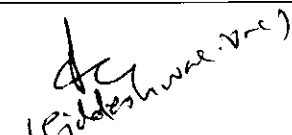

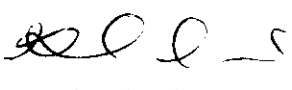

Sl. No.	Name & Designation	Role
1	Dr. G. Balamurugan	Chief Scientist Chairman
2	Dr. Achuthan C Pankaj	Chief Scientist Member / Alt. Chairman
3	Mr. J. Dhayanidhi	Chief Scientist Member
4	Mr. Dilip Kumar Sahu	Sr. Technical Officer-3 Member
5	Ms. Rashmi Hundekari	Chief Scientist PD-SARAS Member
6	Mr. Siddeshwar	Sr. Principal Scientist Specialist Member
7	Mr. V. Mukesh	Principal Scientist Specialist Member
8	Mr. D. Thulasi Durai	Sr. Principal Scientist Member - Convener (TSC)
9	Mr. Gaddikeri Kotresh	Chief Scientist Project Leader
10	COA or his/her representative	Member
11	COFA or his/her representative	Member
12	CoSP or his representative	Convener (T&PC)

The list of Prospective bidders who attended the Pre-bid Conference is as per **Annexure-I**.

At the outset, the Chairman welcomed all the Members and the representatives of the Bidders and briefed in general the scope of the Project. The Indenting Officer to read out the clarification sought by the bidders and the replied there to as detailed in **Annexure-II (Part A: Technical Clarification and Part B: Commercial Clarification, if any)**.

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the CPP portal/website of CSIR-NAL and all prospective bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before formulating and submitting their bids as stipulated in bidding Documents.

The meeting ended with a vote of thanks to the Chair.

 CoSP Convener-TPC	CoFA Member-Finance & Accounts	COA Member- Admin
NOT ATTENDED. Mr. J. Dhayanidhi Member	NOT ATTENDED Dilip Kumar Sahu Member	 Ms. Rashmi Hundekari Chief Scientist
 (Siddeshwar) Specialist Member	NOT ATTENDED Specialist Member	 IO/ Convener (TSC)
 Project Leader	NOT ATTENDED Dr. Achuthan C Pankaj Member / Alt Chairman	 Dr. G. Balamurugan Chairman-T&PC (S)

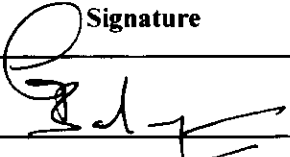

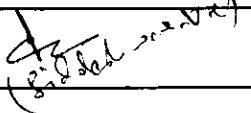
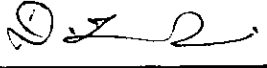

**CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU - 560 017**

TENDER ID: **GEM/2025/B/6088609**  
TENDER NO.: **NAL/PUR/ACD/254/24-S**  
DATE & TIME : **9-Apr-25**  
VENUE: **THROUGH WEBEX**

ANNEXURE - I

**Pre-Bid Conference for Supply of Carbon Fiber Reinforced Plastic Mould – Rear Fuselage Top Skin Using Resin Infusion Process**

**ATTENDANCE SHEET - T&PC MEMBERS**

Sl. No.	Name		Signature
1	Dr. G. Balamurugan	Chairman -T&PC	
2	Dr.Achuthan C Pankaj	Member / Alt. Chairman	NOT ATTENDED
3	Mr. J. Dhayanidhi	Member	NOT ATTENDED
4	Mr. Dilip Kumar Sahu	Member	NOT ATTENDED
5	Ms. Rashmi Hundekari	PD-SARAS	
6	Mr. Siddeshwar	Specialist Member	
7	Mr. V. Mukesh	Specialist Member	NOT ATTENDED
8	Mr. D. Thulasi Durai	Member- Convenor -TSC	
9	Mr. Gaddikeri Kotresh	Project Leader	NOT ATTENDED
10	COFA or his/her representative	Member	
11	COA or his/her representative	Member	
12	CoSP or his representative	Convenor (T&PC)	

**NATIONAL AEROSPACE LABORATORIES  
BENGALURU - 560 017**

TENDER ID: GEM/2025/B/6088609  
TENDER NO.: NAL/PUR/ACD/254/24-S  
DATE & TIME : 9-Apr-25  
VENUE: THROUGH WEBEX

ANNEXURE - I

**Pre-Bid Conference for Supply of Carbon Fiber Reinforced Plastic Mould – Rear Fuselage Top Skin Using Resin Infusion Process**

Sl. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	M/s. Indutch	Mr. Kartik Oza		kartik.oza@indutch.in
2	M/s. Composite Tomorrow	Mr. Archal Shah		archal.shah@compositestomorrow.com
3	M/s. Gopalan Aerospace	Mr. KARTHIKEYAN		karthikeyan.v@gopalanaerospace.com
4	M/s. Cingularity	Mr. Samuel		sam@cingularity.in
5	M/s. ARP Tech	Mr. Nagarju		nagaraju.m@arptech.org
6				
7				
8				
9				
10				

**CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU**


**TECHNICAL QUERIES & CLARIFICATION**

**Tender Id : GEM/2025/B/6088609**

**Tender No. : NAL/PUR/ACD/254/24-S**

**Item Description : Supply of Carbon Fiber Reinforced Plastic Mould – Rear Fuselage Top Skin Using Resin Infusion Process**

Sino	Company	Query / Clarification Sought	Clarification/Amendment
1	M/s. Indutch	Regarding back structure tube dimensions and number of tubes	It is mentioned in Sketch with all details Refer Figure-4
		Vendor asked for instead of DMA Tg test we have DSC Tg test so is it ok	1) It has been clarified, though Vendor only supply DSC Test report, NAL independently will do DMA based Tg test 2) Also Vendor can take third party support to perform DMA Tg Test Clarified as per 4.2.9 Phase-1
2	M/s. Composite Tomorrow	Regarding backup structure ribs thickness and no of ribs	Clarified as 8mm as per the Sketch attached Refer Figure-5
3	M/s. Cingularity	Tolerance of master model and Mould/Tool	Clarified as +/-0.5mm for Master Model & +/-0.7mm for the Mould/Tool as per Sketch Refer Figure-4 & 6
4	M/s. Composite Tomorrow, M/s. Gopalan Aerospace, M/s. Cingularity, M/s. ARPTech	Regarding Operating Condition/temperature of Resin to be used	Clarified that Resin Tg should be minimum 185 Degree C for Autoclave Environment at 7 bar pressure as per cure cycle Refer-4.1
5	M/s. Gopalan Aerospace	Sample of 400 mm * 400mm test laminate to be supplied by vendor for evaluation after placement of PO	Yes it is mandatory as per Acceptance Test Plan(ATP) Refer 4.29 Phase-I

  
Signature of Indentor

  
Signature of Project Leader