

Tender Id: 2025_CSIR_251258_1

PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON 23/10/2025 THROUGH WEBEX TOWARDS SUPPLY, DEVELOPMENT AND RENDERING OF VISUAL DATABASE FOR REAL-TIME FLIGHT SIMULATOR.

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

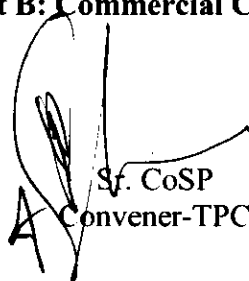
Sl. No.	Name & Designation		Role
1	Dr. Raveendranath U Nair	Chief Scientist	Chairman
2	Dr. Vijay V Patel	Outstanding Scientist, ADA	External Member (TSC)
3	Mr. Bineshkumar Kanakan(Online mode)	Scientist-F. ADE	External Member (TSC)
4	Mr. Srikanth KP	Chief Scientist	Project Leader
5	Mr. Vijeesh T	Sr. Scientist	Member - Convener (TSC)
6	Sr. CoA / COA or his/her representative		Member
7	COFA or his/her representative		Member
8	Sr. CoSP or his representative		Convener (T&PC)

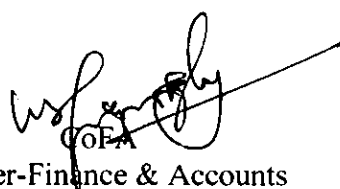
The list of prospective bidders who attended the Pre-bid Conference is as per **Annexure-I**.

At the outset, the Chairman welcomed all the Members and the representatives of the bidders and briefed in general the scope of the procurement (w.r.t. Purchase File No.: NAL/PUR/FMCD/088/25). Indenting Officer read out the queries sought by the bidders and requested members to provide the feedback.

The representatives of the bidders present were satisfied with the clarifications given during the meeting. 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 the bidding Documents.

Clarifications to the queries are provided in Annexure-II (Part A: Technical Clarification and Part B: Commercial Clarification, if any).


Sr. CoSP
Convener-TPC


COFA
Member-Finance & Accounts


CoA / Sr. CoA
Member- Admin


Mrs. Shobhavathy M T
Member

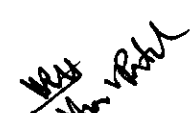

Dr. Madhavan K
Member

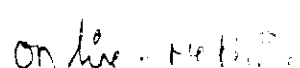

Dr. Sivakumar G
Member

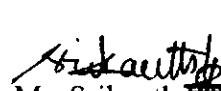

IO/ Convener (TSC)


Dr. Shashi Bhushan Verma
Alt. Chairman/Member


Dr. Raveendranath U Nair
Chairman-T&PC


Dr. Vijay V Patel
External Member (TSC)


Mr. Bineshkumar Kanakan
External Member (TSC)
(Representative - ADE)


Mr. Srikanth KP
Project Leader

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

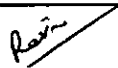
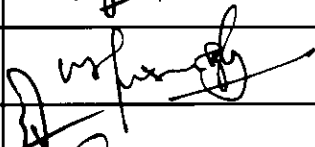
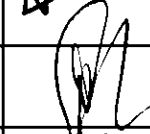
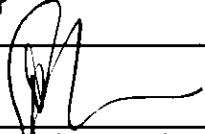
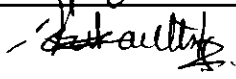
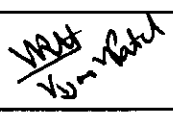
TENDER ID: 2025_CSIR_25125
TENDER NO.: NAL/PUR/FMCD/088/25
DATE & TIME : 23/10/2025
VENUE: FMCD Conference

ANNEXURE - I

THROUGH WEBEX

Pre-Bid Conference for supply, development and rendering of visual database for real-time flight simulator

ATTENDANCE SHEET - T&PC MEMBERS

Sl. No.	Name		Signature
1	Dr. Raveendranath U Nair	Chairman	
2	Dr. Shashi Bhushan Verma	Alt. Chairman/Member	
3	Mrs. Shobhavathy M T	Member	
4	Dr. Madhavan K	Member	
5	Dr. Sivakumar G	Member	
6	Vijeesh T	Indentor-Convenor -TSC	
7	COFA or his/her representative	Member	
8	Sr. CoA / COA or his/her representative	Member	
9	Sr. CoSP / CoSP or his representative	Convenor (T&PC)	
10	Srikanth KP	Project Leader	
11	Dr. Vijay V Patel	External Expert- TSC	
12	Shri. Bineshkumar Kanakan	External Expert- TSC	Online

**NATIONAL AEROSPACE LABORATORIES
BENGALURU - 560 017**

TENDER ID: 2025_CSIR_251258

ANNEXURE - I

TENDER NO.: NAL/PUR/FMCD/088/25

DATE & TIME : 23/10/2025 10.30AM

VENUE: FMCD Conference hall **THROUGH WEBEX**

Pre-Bid Conference for supply, development and rendering of visual database for real-time flight simulator.

Sl. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	ALPHA DESIGN TECHNOLOGIES	Dinesh Balram, VP - Simulators Anand V, Sr-Manager Shibu Kumar S, Sr-Manager Venkataramana N, Deputy-Manager		dinesh.balram@adtl.co.in , anand@adtl.co.in , shibukumar@adtl.co.in , venkataramana@adtl.co.in
2	CAE India Private Limited	Shirish Kulkarni, Avinash Madhugiri, Sundararajan Varadarajulu		shirish.kulkarni@cae.com , avinash.m@cae.com , sundararajan.v@cae.com
3	EDS Technologies Pvt. Ltd.	Karthikeyan Varadarajan -Chief Technology Officer, Ravi Kiran Yangala-Chief Strategy Officer, K. M.		kmsanthosh.blr@edstechnologies.com
4	HORIZON AEROSPACE (INDIA)	Mr R Shenbagarajan, DGM, Mr Daya Nand Vishwakarma, DGM		vishwakarma@horizontaerospace.in , a. rajan@horizontaerospace.in
5	M/s Viz Experts India Pvt. Ltd	Aditya MV, Solution Architect		aditya@vizexperts.com
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**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

TECHNICAL QUERIES & CLARIFICATION

Tender Id : 2025_CSIR_25125

Tender No. : NAL/PUR/FMCD/088/25

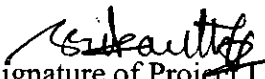
Item Description :

Sl. No.	Query / Clarification Sought	Clarification/Amendment
1.	Bidder Qualification Clarification: Please clarify whether the Bidder Qualification Criteria and Past Performance Requirements mentioned in the RFP apply to the Indian bidder, the foreign OEM, or both.	This applies to Indian bidders only.
2.	Proof of Concept (POC) Timeline: Please specify the time duration available for conducting the POC after bid submission and before final evaluation.	It'll be informed after opening the technical bids. One week prior notice will be given to bidders.
3	Purchase Order Schedule: Please confirm the expected timeframe for PO release after completion of technical and commercial evaluation.	3 to 4 weeks
4	4.2.1.1 & 4.2.1.12 Is it compulsory to use Creator and Terravista tools for database creation	Bidder can use any tool that meets the requirement for database creation. However, existing Creator license has to be upgraded for 3D modelling.

Vijay

5	4.2.5 Man power deployment Is manpower deployment compulsory for terrain database development or training is enough?	Training for few days may not be sufficient to get adequate exposure to understand the details to cater to NAL requirements. Hence baseline database can be developed at vendor location. Subsequent modifications as per NAL requirement has to be performed at NAL. This is to get hands-on experience for NAL personnel to use the software.
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 Signature of Indentor


 Signature of Project Leader

Re: Draft Minutes of Pre-bid conference Meeting - FMCD/088/25**2 emails****BINESHKUMAR KANAKAN** <b-kanakan.ade@gov.in >

Mon, 27 Oct 2025 10:52:19 AM +0530

To "Srikanth KP" <srikanth.nal@csir.res.in>

Cc "Raveendranath Unnikrishnan Nair" <raviunair.nal@csir.res.in>, "CHANDRASEKARAN R" <rcsekar.ade@gov.in>, "Dr. Vijay V. Patel" <vvp2069.ada@gov.in>, "Vijeesh Theningaledathil" <vijeesh.nal@csir.res.in>

Dear Sir,

Have gone through the shared documents, no changes from my end except a couple of changes related to my name and establishment which I have updated in the attached documents. 'Track Changes' enabled in the Word Document.

Regards & thanks,

Bineshkumar Kanakan, Sc 'F'
Flight Simulation, ADE
+91-98451 63866
+91-80-2505 7740

----- On Fri, 24 Oct 2025 11:16:53 +0530 **Srikanth KP** <srikanth.nal@csir.res.in> wrote

Dear Sirs,

PFA the updated minutes of pre-bid meeting and proceedings towards 'SUPPLY, DEVELOPMENT AND RENDERING OF VISUAL DATABASE FOR REAL-TIME FLIGHT SIMULATOR'. Kindly give your feedback or any updates to be made. If no observations, request your concurrence. Upon your confirmation MoM will be released.

Thanks & Regards
Srikanth

2 Attachment(s)

Proceedings-Minutes-of-Meeti...
28.6 KB

Pre-Bid - List Attendance - Ann...
17.6 KB

Srikanth KP <srikanth.nal@csir.res.in >

Fri, 24 Oct 2025 11:16:57 AM +0530

To "Raveendranath Unnikrishnan Nair"<raviunair.nal@csir.res.in>,"BINESHKUMAR KANAKAN"<b-kanakan.ade@gov.in>,"rcsekarade"<rcsekar.ade@gov.in>,"vvp2069ada"<vvp2069.ada@gov.in>

Cc "Vijeesh Theningaledathil"<vijeesh.nal@csir.res.in>

Dear Sirs,

PFA the updated minutes of pre-bid meeting and proceedings towards 'SUPPLY, DEVELOPMENT AND RENDERING OF VISUAL DATABASE FOR REAL-TIME FLIGHT SIMULATOR'. Kindly give your feedback or any updates to be made. If no observations, request your concurrence. Upon your confirmation MoM will be released.

Thanks & Regards
Srikanth

3 Attachment(s)

Pre-Bid Proceedings_Technica...
1008.8 KB

Proceedings-Minutes-of-Meeti...
23.8 KB

Pre-Bid - List Attendance - Ann...
17.9 KB