

**PROCEEDINGS OF THE PRE-BID CONFERENCE HELD 13<sup>th</sup> Jan 2023 THROUGH WEBEX, TOWARDS UPGRADATION OF VMFN CONTROL SYSTEM.**

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

Sl. No.	Name & Designation		Role
1	Mr. Sunil Prasad	Sr. Scientist/ALD	Member
2	Ms. Swetha	Principal Scientist /NT	Member - Convener (TSC)
3	Mr. B Sampath Rao	Chief Scientist / NT	Project Leader, Head NTAF
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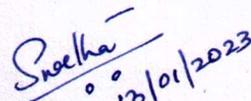
The list of Prospective bidders who attended the Pre-bid Conference is as per **Annexure-I.**

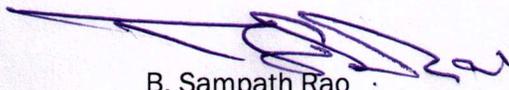
At the outset, Head, NTAF welcomed all the Members and the representatives of the Bidders and briefed in general the scope of the Project. The Indenting Officer to read out the clarification sought by the bidders and the replied there to as detailed in **Annexure-II (Part A: Technical Clarification and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

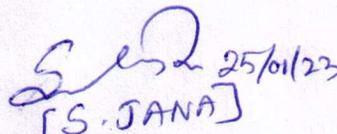
The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of CSIR-NAL and all prospective bidders are required to take cognizance of the proceedings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

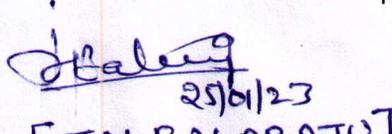
The meeting ended with a vote of thanks.

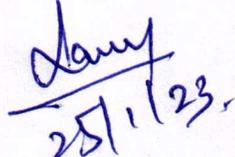
  
25/01/2023  
Sunil Prasad  
Member

  
13/01/2023  
Swetha  
Member - Convener (TSC)

  
B. Sampath Rao  
Project Leader  
Head, NTAF

  
25/01/23  
[S. JANA]

  
25/01/23  
[J.N. BALARAM]

  
25/1/23.

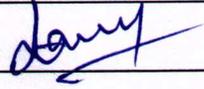
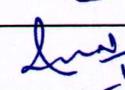
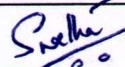
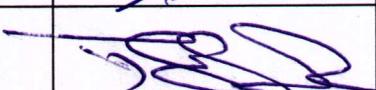
CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU - 560 017

ANNEXURE - I

TENDER NO.: NAL/PUR/NT/253/22-Z  
DATE & TIME : 13-Jan-2023 @ 11.00 AM  
VENUE: THROUGH WEBEX

Pre-Bid Conference for Upgradation of VMFN Control System.

ATTENDANCE SHEET - T&PC MEMBERS

Sr. No.	Name			Signature
1	Dr. Ramesh Kumar. M	Chief Scientist, ACD	Chairman	
2	Dr. Soumendu Jana	Chief Scientist/PR	Member	-
3	Dr. J. N. Balaraju	Sr. Principal Scientist / SED	Member	-
4	Mr. Sunil Prasad	Sr. Scientist/ALD	Member	 13/01/2023
5	Ms. Swetha	Principal Scientist/NT	Member - Convener (TSC)	
6	Mr. Sampath Rao B	Head, NTAF	Project Leader	

**NATIONAL AEROSPACE LABORATORIES  
BENGALURU - 560 017**

TENDER NO.: NAL/PUR/NT/253/22-Z

DATE & TIME : 13-Jan-2023 @ 11.00 AM

VENUE: THROUGH WEBEX, CSIR-NAL, HAL Airport Road, Kodihalli, Bengaluru-560017

ANNEXURE - I

**Pre-Bid Conference for Upgradation of VMFN Control System.**

Sr. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	M/s. Larsen & Toubro (L&T)	Ruzbay Sukeshwala	Yes	<a href="mailto:RUZBEY.SUKHESWALA@larsentoubro.com">RUZBEY.SUKHESWALA@larsentoubro.com</a>
		Kartik Dhere		<a href="mailto:KARTIK.DHERE@larsentoubro.com">KARTIK.DHERE@larsentoubro.com</a>
		V.V.Anoop		<a href="mailto:VV.Anoop@larsentoubro.com">VV.Anoop@larsentoubro.com</a>
2	M/.s. Captronic Systems	Sharadha	Yes	<a href="mailto:sharadha@captronic.com">sharadha@captronic.com</a>
		Senthil Kumar.D		<a href="mailto:senthil@captronicsystems.com">senthil@captronicsystems.com</a>
3	M/.s. Digilogic Hyderabad	Saiteja	Yes	<a href="mailto:marketing@digilogic.com">marketing@digilogic.com</a>
4	M/s. Yottec	Bhaskar Madasamy	Yes	<a href="mailto:baskar.madasamy@yottec.com">baskar.madasamy@yottec.com</a>
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**CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU**

**TECHNICAL QUERIES & CLARIFICATION**

**Tender No.** : NAL/PUR/NT/253/22-Z  
**Item Description** : Upgradation of VMFN Control System.

Sr. No.	Query / Clarification Sought	Clarification/Amendment
1.	Scope of work Whether the complete VMFN system has to be upgraded (mechanical system+sensors+electronic hardware+software)	Scope of work Involves only the upgradation of NI hardware and related software modifications and additional wiring, if any
2.	Regarding the control panel A new control panel has to be provided?	The new NI hardware can be accommodated in the existing control panel
3.	Will the End User certificate be provided?	It can be provided, if required
4.	Regarding SCXI 1122 As this is a universal module, what is the physical parameter being measured?	The physical parameter to be measured is <u>Voltage with Range <math>\pm 10V</math></u>
5.	PXI and SCXI modules wiring is terminated anywhere in the control panel?	Yes, all the PXI and SCXI modules wiring are terminated behind the control panel
6.	Time provided for installation and Commissioning	Max 15 Working days for installation of the hardware, modification of software and validation tests as per SAT

Signature of IO & PL

*Shree*  
13/01/2023

16/01/2023

**CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU**

**COMMERCIAL QUERIES & CLARIFICATION**

**Tender No.** : NAL/PUR/NT/253/22-Z  
**Item Description** : Upgradation of VMFN Control System.

Sr. No.	Query / Clarification Sought	Clarification/Amendment
— NIL —		

  
24/01/2023

Stores & Purchase Officer  
For and on behalf of CSIR-NAL

