

Tender Id: 2024_CSIR_198680_1

PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON 1st July, 2024 THROUGH WEBEX TOWARDS SUPPLY OF FLIGHT WORTHY STRUCTURAL HEALTH USAGE MONITORING SYSTEM.

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

Sl. No.	Name & Designation		Role
1	Dr. Ramesh Kumar M	Chief Scientist	Chairman
2	Dr. Somendu Jana	Chief Scientist	Alt. Chairman / Member
3	Mr. Sunil Prasad	Sr. Scientist	Member
4	Dr. J.N Balaraju	Chief Scientist	Member
5	Mr. M.V Shiva Prasad	Indentor	Member - Convener (TSC)
6	COA or his/her representative		Member
7	COFA or his/her representative		Member
8	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.

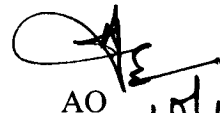
The meeting ended with a vote of thanks to the Chair.



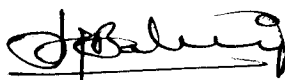
CoSP / CoSP
Convener-TPC



CoFA
Member-Finance & Accounts



AO
Member- Admin 10/7/2024



Dr. J.N Balaraju
Member

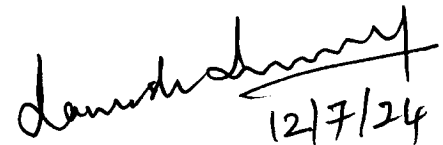


Sunil Prasad
Member 10/07/2024

Dr. Somendu Jana
Alt. Chairman / Member



IO/ Convener (TSC)



Dr. M. Ramesh Kumar
Chairman-T&PC 12/7/24

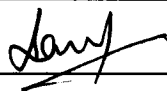

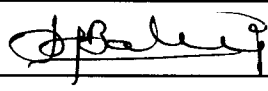
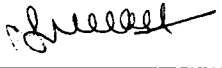
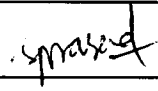


**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU - 560 017**

TENDER ID: 2024_CSIR_198680_1
TENDER NO.: NAL/PUR/STTD/018/24
DATE & TIME : 1st July, 2024, 11:00 AM
VENUE: THROUGH WEBEX

ANNEXURE - I

Pre-Bid Conference for Supply of Flight-worthy Structural Health Usage Monitoring System

ATTENDANCE SHEET - T&PC MEMBERS

Sl. No.	Name		Signature
1	Dr. M. Ramesh Kumar	Chairman	
2	Dr. Somendu Jana	Alt.Chairman / Member	
3	Mr. Sunil Prasad	Member	
4	Dr. J.N Balaraju	Member	
5	Dr. C N Sathyanarayana	Jt. Head, STTD & Member	
6	Dr. Siva Subba Rao	Member	
7	Mr. M.V Shiva Prasad	Indentor-Convenor -TSC	
9	COFA or his/her representative	Member	
10	COA or his/her representative	Member	
11	CoSP or his representative	Convenor (T&PC)	

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ANNEXURE - I

Pre-Bid Conference for Supply of Flight-worthy Structural Health Usage Monitoring System

Sl. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	Accutrol India Pvt. Ltd.	Mr. N PRAKASH BADYA, Manager	---	accutrol_blr@yahoo.co.in
2	Quantum Age Tech Solutions Pvt Ltd,	Bhavdeep Nakum, Head - Project Development,	---	bhavdeep.nakum@gagetech.com

Technical Clarifications

The detailed specifications were discussed among the committee members and the suppliers. Two suppliers participated in the pre-bid meeting and agreed upon all the specifications proposed in the indent. However, few observations were made by both suppliers and committee members. Queries raised and action points against each query are listed in the following table 1. Also, Indentor requested the suppliers to send an email through purchase for any further clarifications required on technical specifications or commercial terms.

Table 1. Technical queries and responses

Sl. No.	Query	Query Raised by	Reference in indent (Chapter-4)	Correction
1	GPS Input in Block Diagram	Accutrol India	4.1 Block diagram	GPS input is removed from the block diagram
2	Consistency of Standards throughout the indent	Sunil Prasad	4.2.2 BCU	The indent is updated with MIL-810-F However, it is explained to the supplier all the components and sub-components of the supply should comply with the MIL 810F standard
3	File formats	Sunil Prasad	4.2.8 c	Added '.txt' additionally in the indent.
4	Special Note mentioned	Committee members	4.2.8 c	Special note is changed point D
5	Environmental specifications: Consistency in temperature needs to be checked	Sunil Prasad	4.2.9 a	The operating temperature is maintained from -40 to +80 °c for the complete system and cards.
6	Qualification Specifications		4.2.9 d	Random vibrations corrected
	100 g		4.2.9 e	Changed to 20 g
	11 m/s		4.2.9 e	Changed to 11 ms
	6 Axes Test		4.2.9 e	Changed to 3 axes
			4.2.9 f	Changed to 3 axes
7	Add additional specifications indicating clearly system is qualified for MIL 810 F specifications	Sunil Prasad	4.2.9 h	Added a statement "The system, cards, and accessories shall qualify for MIL 810 F specifications. which include

ANNEXURE-II

				vibration, shock humidity, pressure, Temperature, and EMI&EMC”.
8	Factory Acceptance Test Report	Committee members	4.2.12	Factory Acceptance Tests need to be Witnessed Online by CSIR-NAL rep/s while testing. Test reports need to be sent to the customer before dispatching from the factory.
9	Proven product		4.2.15	<ul style="list-style-type: none"> • Informed to the suppliers that the compliance statement against each specification is to be provided and supported by proper technical documents. • Without technical supporting documents compliance statement may not be acceptable. • Proof to be provided for supplying similar products to the aerospace industry and successfully used in flight testing • NO DEVELOPMENTAL /UNDER-DEVELOPMENT PRODUCT WILL BE CONSIDERED.

Srivas
 IO/ (M. V. Srivas)

**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

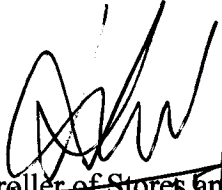
PART B: COMMERCIAL QUERIES & CLARIFICATION

Tender Id : 2024_CSIR_198680_1

Tender No. : NAL/PUR/STTD/018/24

Item Description : SUPPLY OF FLIGHT WORTHY STRUCTURAL HEALTH
USAGE MONITORING SYSTEM

Sl. No.	Query / Clarification Sought	Clarification/Amendment
-----NIL-----		


Controller of Stores and Purchase