

File No.: NAL/PUR/APMF/230/23

Date: 22/07/2024

Tender Id: 2024-CSIR-200146-1

**PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON ...22/07/2024
THROUGH WEBEX TOWARDS SUPPLY OF... ABSLN OF... FIN... CAP, ALKRON JWS**

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	Mr. Ramaswamy Setty J	Chief Scientist Member
3	Dr. Achuthan C Pankaj	Chief Scientist
4	Mr. Dilip Kumar Sahu	Sr. Technical Officer-3 Member
5	Ms. Rashmi Hundekari	Chief Scientist PD-SARAS Member
6	Siddeshwar.C	Specialist Member
7		Specialist Member
8		Member - Convener (TSC)
9	COA or his/her representative	Member
10	COFA or his/her representative	Member
	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

—
AO
Member- Admin



Dr. Achuthan C Pankaj
Member

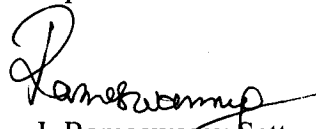
—
Dilip Kumar Sahu
Member

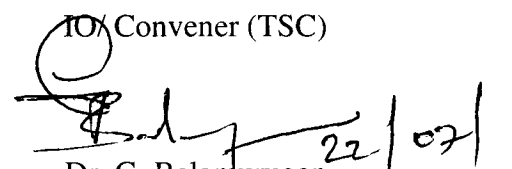
—
Rashmi Hundekari
Member


Siddeshwar.C
Specialist Member

—
Specialist Member


IO Convener (TSC)


J. Ramaswamy Setty
At. Chairman/Member


Dr. G. Balamurugan
Chairman-T&PC

22/7/24

2024

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

TENDER ID: 2024_CSIR-200146-1
TENDER NO.: NAL/PUR/AMF/230/23
DATE & TIME: 22/07/2024, 11:00 AM
VENUE: ICAST Conference Hall, Second floor, CSIR-NAL

ANNEXURE - I

Pre-Bid Conference for Design, Manufacturing, Inspection, Setup & Assembly, Certification of wing, flap, Aileron Assembly (Fig. 1)

ATTENDANCE SHEET - T&PC MEMBERS

Sl. No.	Name		Signature
1	Dr. G. Balamurugan	Chairman	
2	Mr. J. Ramaswamy Setty	Alt. Chairman/Member	
3	Dr. Achuthan C Pankaj	Member	
4	Mr. Dilip Kumar Sahu	Member	-
	Ms. Rashmi Hundekari	PD-SARAS	-
5	Siddeswar C	Specialist-Member	
6	Shivaram B	Specialist-Member	
7	Omkar Achu L	Indentor-Convenor -TSC	
8	COFA or his/her representative	Member	-
9	COA or his/her representative	Member	-
10	CoSP or his representative	Convenor (T&PC)	-

NATIONAL AEROSPACE LABORATORIES
BENGALURU - 560 017

ANNEXURE - I

TENDER ID: 2024_CSIR_20046_1
TENDER NO.: NAL/POR/AMF/230/23
DATE & TIME: 22/07/2024: 11:00AM
VENUE: EAST, Conf. Hall THROUGH WEBEX
second floor, CSIR-NAL.

Pre-Bid Conference for Design, Manufacturing, Inspection, Setup & Assembly.
Certification of wing flap, Aileron Truss.

Sl. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	TechEva Engineering (I) Ltd.	CMD. - Nimesh Ramesh Desai	Y	nimeshdesai@techeva.co.in avinashd@techem.co.in randsud@techeva.co.in.
2	Shreeram Aerospace & Defence	Sudhir Shiralkar - BOM. Ginjal H.R - BOM.	Y	Sales@shreeram aerospace.com
3	SEC Industries Pvt Ltd	Y. SAI VARUN Marketing Executive	Y	Marketing@secindustries.com.
4	Machin Tool & Die Works	VRSSAR M... Sangeetha - Proprietor	Y	mtai,india@gmail.com 12/07/24
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R. Anurag Reddy

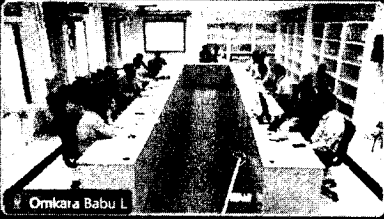
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Pre-bid meeting for SARAS Mk-II Aircraft on 22 July 2024 at 10:50AM Meeting info 02:31:57 Hi Layout



Omikara Babu L

Anoop L&T
Unverified

Sanna INDO-MIM
Unverified

SVHML
Unverified

Kishan (INDO-MIM Limited)
Unverified

ADSL
Unverified

Alpha Tocol
Unverified

Anil Kumar
Unverified

Randeep Desai
Unverified

TechEra Engineering India Limited Pune
Unverified

Dinesh M
Unverified

LMW-ATC- COIMBATORE
Unverified

BEML
Unverified

Pushpak Products India Pvt Ltd.
Unverified

LMW-ATC- COIMBATORE
Unverified

Chat

Everyone Direct

New messages

Anil Kumar Unverified 11:32
Anil Kumar Yadav : Airbornics
Defence & Space Pvt. Ltd : +91
9810085284

Randeep Desai Unverified 12:13
Hello Sir,

Kindly provide clarity on BG /BS /
EMD requirements

Randeep Desai Unverified 12:14
as per tender details EMD Fee is
fixed type

Randeep Desai Unverified 12:16
Kindly provide clarity on BG /BS /
EMD requirements as per tender
details EMD Fee is fixed

Randeep Desai Unverified 12:46
Also need more clarity on 1.18.1
The bids may be submitted as
Single Bid or Two Bid as specified
in the Invitation for Bids/NIT.

Kishan Dhandapani Unverified 13:44
Sudhir Barnwal: INDO-MIM
limited: +91 81087 84272

Mute Stop video Share AI Assistant Record

Apps Participants Chat

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27°C Cloudy 12:52
22-07-2024

**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

TECHNICAL QUERIES & CLARIFICATION


Tender Id : 2024_CSIR_200146_1

Tender No. : NAL/PUR/APMF/230/23

Item Description : Pre-Bid meeting on Design, Manufacturing Inspection Setting and Assembly and Certification of Wing, Flap, Aileron Assembly Jigs, ICY Gauges with Associated Tools for SARAS Mk-II Aircraft.

Sl. No.	Query / Clarification Sought	Clarification/Amendment
1	Factor of safety – Design for strength and deflection analysis	Clarification: Strength, Stiffness, Stability are the design considerations Details given in Chp.4-Sec:4.3.2.1
2	Design acceptance with reviews	Clarification: Details given in Chp.4-Sec:4.3.10
3	Design and Manufacturing Capabilities	Clarification: Details given in Chp.6-Sec:6.2 Criteria 2
4	Can we hire design consultant?	Clarification: Yes. Details given in Chp.4-Sec:4.3.8
5	Assembly build sequence for Wing/Flap/Aileron Assemblies	Clarification: Details given in in Chp.4-Sec:4.3.5
6	Any other CAD Software can be used?	Clarification: No. only CATIA V5 R20 to be used. Details given in Chp.4-Sec:4.3.2, 4.3.10
7	Materials required for structures	Clarification: Details given in Chp.4-Sec:4.2.4
8	Structural safety norms	Clarification: Details given in Chp.4-Sec:4.3.7
9	Innovative design concepts of Tool design, Is it acceptable?	Clarification: Welcome. However, subjected to PDR approval committee. Details given in Chp.4-Sec:4.3.6, PDR deliverables
10	Wing unloading and lifting sling material	Clarification: Details given in Chp.4-Sec:4.2.3.5.
11	PDR and CDR at CSIR-NAL, pre-PDR shall be in both modes (web-ex/offline)	Clarification: Details given in Chp.4-Sec:4.3.2 & 4.3.10

12	Permission for presence of vendor personnel during First Article Build by CSIR-NAL	Clarification: Vendor will be permitted only when there is an issue with Assembly Jigs.
13	Who is responsible for certification of Jigs by regulatory authorities	Clarification: Details given in Chp.4-Sec:4.4.5
14	Milestone deliverables	Clarification: Details given in Chp.4-Sec:4.8
15	Past performance in 5 years	Clarification: Details given in Chp.6-Sec:6.2 Criteria 1
16	Assembly Cycle time	Clarification: Details given in Chp.4-Sec:4.8
17	Production of Component Assembly	Clarification: Not in this scope of work
18	Payment in stages	Clarification: Payment terms are negotiable as per CSIR norms.


Signature of Indentor


Signature of Project Leader

**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

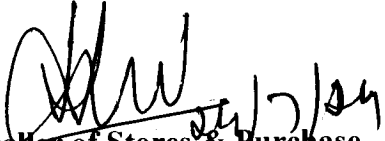
TECHNICAL QUERIES & CLARIFICATION

Tender Id : 2023_CSIR_200146_1

Tender No. : NAL/PUR/APMF/230/23

Item Description : Design, manufacturing, inspection, setting & assembly and certification of wing, flap aileron assembly jigs icy gauges with associated tools for SARAS MKII Aircraft.

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


Controller of Stores & Purchase
For and behalf of CSIR