

Tender ID: 2025_CSIR_223019_1

PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON 17/01/2025 THROUGH WEBEX TOWARDS PROCUREMENT OF LITHIUM BATTERY SYSTEM, ETC.

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


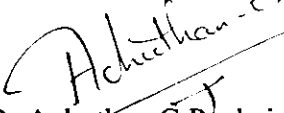
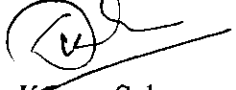
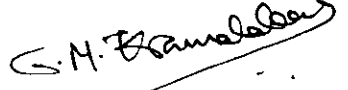
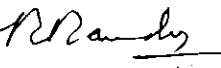



Sl. No.	Name & Designation	Role
1	Dr. G. Balamurugan	Chief Scientist
2	Mr. Ramaswamy Setty J	Chief Scientist
3	Dr. Achuthan C Pankaj	Chief Scientist
4	Mr. Dilip Kumar Sahu	Sr. Technical Officer-3
5	Ms. Rashmi Hundekari	Chief Scientist
6	Dr. G.M. Kamalakannan	Chief Scientist
7	Mr. R. Ravindiran	Sr. Principal Scientist
8	Mr. Rajagopal Ganesan	Sr. Principal Scientist
9	Dr. Manju Nanda	Chief Scientist
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
 Dr. Achuthan C Pankaj Member	 Dilip Kumar Sahu Member	Ms. Rashmi Hundekari Chief Scientist
 Specialist Member	 Specialist Member	 IO/ Convener (TSC)
 Project Leader	J. Ramaswamy Setty Member / Alt Chairman	 Dr. G. Balamurugan Chairman-T&PC


**NATIONAL AEROSPACE LABORATORIES
BENGALURU - 560 017**

TENDER ID: 2025_CSIR_223019_1
TENDER NO.: NAL/PUR/ALD/173/23(S)
DATE & TIME : 17-Jan-25
VENUE: THROUGH WEBEX

ANNEXURE - I

Pre-Bid Conference for Procurement of "Lithium Battery System", etc.

Sl. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	HBL Engineering Ltd (formerly known as HBL Power Systems Ltd)	G. Vamshi, Sr. Manager - Technical		vamshi.golla@hbl.in
2	HBL Engineering Ltd (formerly known as HBL Power Systems Ltd)	B. Ramakrishna Reddy Asst. Manager - Sales		ramakrishna.bikkireddy@hbl.in
3	Loom Solar Private Limited	Mukul Kumar, Sales		mukul@loomsolar.com
4	Jupiter Electric Mobility Pvt Ltd, Bangalore	Amit Pathak, Vice President-Business		amit.pathak@jupiterelectricmobility.com
5	Jupiter Electric Mobility Pvt Ltd, Bangalore	Pranjal Tyagi		pranjal.tyagi@jupiterelectricmobility.com
6				


PRAJAGODA (G)
17/1/25.

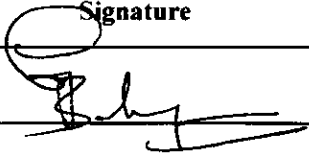
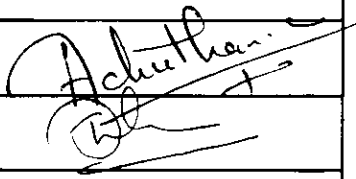
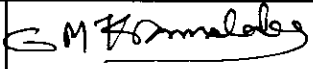
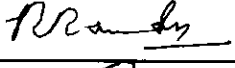

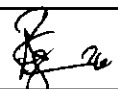
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BENGALURU - 560 017

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Pre-Bid Conference for Procurement of "Lithium Battery System", etc.

ATTENDANCE SHEET - T&PC MEMBERS

Sl. No.	Name		Signature
1	Dr. Balamurugan G	Chairman -T&PC	
2	Mr. J. Ramaswamy Setty	Member / Alt. Chairman	
3	Dr. Achuthan C Pankaj	Member	
4	Mr. Dilip Kumar Sahu	Member	
5	Ms. Rashmi Hundekari	PD-SARAS	
6	Dr. G.M. Kamalakannan	Specialist Member	
7	Mr. R. Ravindiran	Specialist Member	
8	Mr. Rajagopal Ganesan	Member- Convenor -TSC	
9	Dr. Manju Nanda	Project Leader	
10	COFA or his/her representative	Member	
11	COA or his/her representative	Member	
12	CoSP or his representative	Convenor (T&PC)	

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BENGALURU - 560 017

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ANNEXURE - I

Pre-Bid Conference for Procurement of "Lithium Battery System", etc.

Sl. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	Ponithy PT	Area Sales manager PT	✓	Ponithy@pt.com
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ANNEXURE-II (PART A)

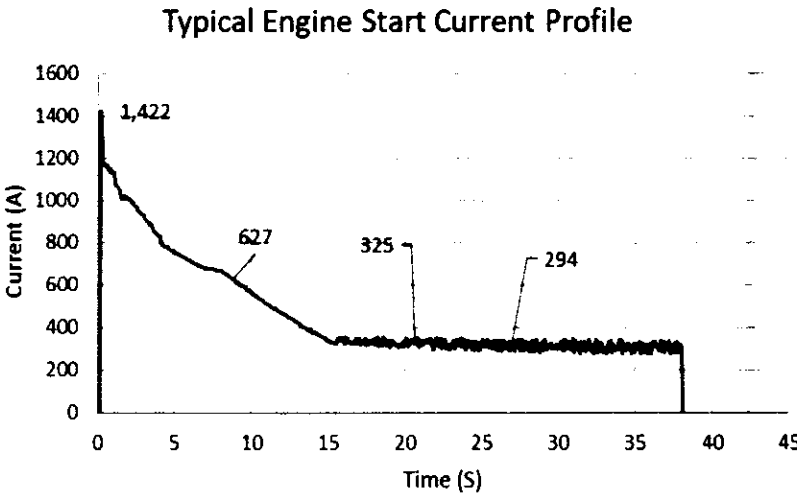
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BENGALURU

TECHNICAL QUERIES & CLARIFICATION

Tender Id : 2025_CSIR_223019_1

Tender No. : NAL/PUR/ALD/173/23-S (G)

Item Description : Lithium Battery System, etc.

Sl. No.	Query / Clarification Sought	Clarification/Amendment
1.	Engine Start Current Profile may be shared	<p>Start Current Profile is given below.</p>  <p>The graph titled 'Typical Engine Start Current Profile' plots Current (A) on the y-axis (0 to 1600) against Time (S) on the x-axis (0 to 45). The current starts at 1,422 A at 0s, decreases to 627 A at 10s, 325 A at 20s, and 294 A at 30s, then remains constant until 38s.</p>
2.	Whether auxiliary supply will be given to battery?	CSIR-NAL clarified that no auxiliary power supplied to the battery
3.	What is the communication protocol required?	CSIR-NAL clarified that standard ARINC429 protocol to be used as specified in the tender.

[Handwritten Signature]
CRS-RAGOPAL (G)
22/1/25

Signature of Indentor

[Handwritten Signature]

Signature of Project Leader

ANNEXURE-II (PART B)

**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

COMMERCIAL QUERIES & CLARIFICATION

Tender Id : 2025_CSIR_223019_1

Tender No. : NAL/PUR/ALD/173/23-S (G)

Item Description : Lithium Battery System, etc.

Sl. No.	Query / Clarification Sought	Clarification/Amendment
1.	Any relaxation in experience and MSME will be given.	CSIR-NAL clarified that all the relaxations will be as per the norms indicated in the tender.

Signature
Representative-Purchase