

PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON 30TH NOVEMBER 2018 AT MATERIAL SCIENCE DIVISION CONFERENCE HALL, CSIR-NAL TOWARDS PROCUREMENT OF SOLDERING REFLOW OVEN.

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

Sl. No.	Name & Designation		Role
1	Dr. D. Saji,	Sr. Principal Scientist, ACD	Chairman
2	Mr. BHM Darukesha	SCI./ENG.-SG, ISAC	Member
3	Mr. V. Ramesh Naidu	SCI./ENG.-SG, ISAC	Member
4	Mr. Ramaswamy Setty	Principal Scientist, CSMT	Member
5	Dr. Soma Dutta	Principal Scientist	Member- Convenor (TSC)
6	FAO or his representative		Member
7	Mr. M. J. Nandeesh	SPO	Member - Convenor (T&PC)

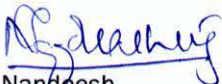
The list of Prospective bidders who attended the Pre-bid Conference is as per **Annexure-I**.

At the outset, the Chairman welcomed all the Members and the representatives of the Bidders and briefed in general the scope of the Project and thereafter requested **SPO** to brief the Bidders on the salient features of the commercial terms. The Indenting Officer to read out the clarification sought by the bidders and the replied thereto 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 to the Chair.

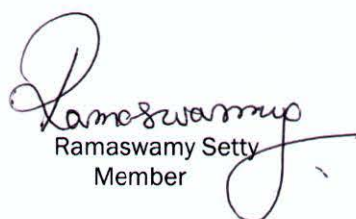
Encl: as above.

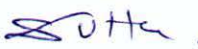

M. J. Nandeesh
SPO



FAO


BHM Darukesha
Member


V. Ramesh Naidu
Member


Ramaswamy Setty
Member


Dr. Soma Dutta
Member


Dr. D. Saji
Chairman

CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU - 560 017

TENDER NO.: NAL/PUR/MSD/265/18-Z


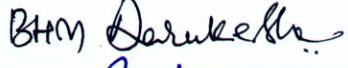
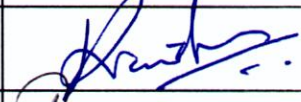
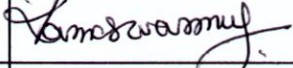

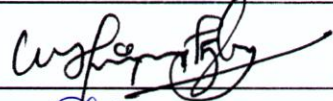

ANNEXURE - I

DATE & TIME :30-Nov-2018 @ 1.30 PM

VENUE: Material Science Division Conference Hall, CSIR-NAL

Pre-Bid Conference for procurement of Soldering Reflow Oven.

ATTENDANCE SHEET - T&PC MEMBERS

Sr. No.	Name		Signature
1	Dr. D. Saji, Sr. Principal Scientist, ACD	Chairman	
2	Mr. BHM Darukeshu, SCI./ENG.-SG, ISAC	Member	
3	Mr. V. Ramesh Naidu, SCI./ENG.-SG, ISAC	Member	
4	Mr. Ramaswamy Setty, Principal Scientist, CSMT	Member	
5	Dr. Soma Dutta, Principal Scientist	Member- Convenor -TSC	
6	FAO or his representative	Member	
7	Mr. M. J, Nandeesh, SPO	Member-Convenor T&PC	

NATIONAL AEROSPACE LABORATORIES
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ANNEXURE - I


TENDER NO.: NAL/PUR/MSD/265/18-Z

DATE & TIME :30-Nov-2018 @ 1.30 PM

VENUE: Material Science Division Conference Hall, CSIR-NAL

Pre-Bid Conference for procurement of Soldering Reflow Oven.

ATTENDANCE SHEET - PROSPECTIVE BIDDERS

Sr. No.	Name of the Firm	Name & Designation of Representative	Email ID	Signature
1	Boson Techno Systems Pvt. Ltd.	Karan Vir Singh. Sales Engineer.	kv.singh.06@gmail.com.	
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**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

TECHNICAL QUERIES & CLARIFICATION

Tender No. : NAL/PUR/MSD/265/18-Z

Item Description : Soldering Reflow Oven

Sr. No.	Query / Clarification Sought	Clarification/Amendment
5. Chamber Pressure	5X10 ⁻³ mbar vacuum to 3bar absolute Note: Vacuum pump is not in the scope of supply. The Bidder has to give a provision to connect the vacuum pump to the chamber as well as details of pump capacity and vacuum level) Dimensions of inlet and outlet shall be standard ones.	5X10⁻³ mbar vacuum Note: Isolated heating zone from the process chamber which can able to withstand N₂ pressure required for cooling the chamber Note: Vacuum pump is not in the scope of supply. The Bidder has to give a provision to connect the vacuum pump to the chamber as well as details of pump capacity and vacuum level) Dimensions of inlet and outlet shall be standard ones.
7. Process Environment	Nitrogen, inert gas, formic acid	Formic acid
15. Material of construction of Chamber	SS304L or equivalent	SS304L or the other construction material suitable for withstanding operating temperature and pressure
25. Ventilation	Formic acid exhaust port size: >50 mm in diameter Evacuation port size: > 8mm in diameter Supplier to specify dimensions in the offer as it is necessary for the site preparation	Formic acid exhaust port size: as required Evacuation port size: > 8mm in diameter Supplier to specify dimensions in the offer as it is necessary for the site preparation



Signature of IO & PL

CSIR-NATIONAL AEROSPACE LABORATORIES

Tender No.:NAL/PUR/MSD/265/18-Z

Commercial Queries & Clarifications

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


Stores & Purchase Officer