

**PROCEEDINGS OF THE PRE-BID CONFERENCE HELD ON 28<sup>TH</sup> NOVEMBER 2018 AT MATERIAL SCIENCE DIVISION CONFERENCE HALL, CSIR-NAL TOWARDS PROCUREMENT OF ELECTROMAGNETIC ANALYZER.**

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

Sl. No.	Name & Designation		Role
1	Dr. Raveendranath U Nair	Sr. Principal Scientist, CEM	Chairman
2	Mr. P. Siva Subba Rao	Principal Scientist, STTD	Member
3	Dr. P. K. Panda	Chief Scientist, MSD	Member- Convenor (TSC)
4	FAO or his representative		Member
5	Mr. M. J. Nandeesh	SPO	Member - Convenor (T&PC)

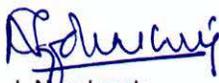
The list of Prospective bidders who attended the Pre-bid Conference is as per **Annexure-I**.

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)**.

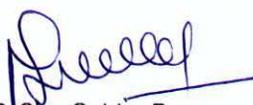
The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of CSIR-NAL and all prospective bidders are required to take cognizance of the proceedings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

  
P. Siva Subba Rao  
Member

  
Dr. P. K. Panda  
Member

  
Dr. Raveendranath U Nair  
Chairman

CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU - 560 017

TENDER NO.: NAL/PUR/MSD/248/18-Z

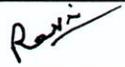
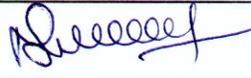
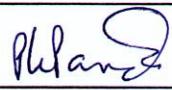
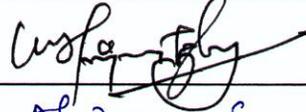
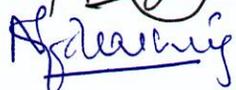
ANNEXURE - I

DATE & TIME : 28-Nov-2018 @ 10.30 AM

VENUE: Material Science Division Conference Hall, CSIR-NAL

Pre-Bid Conference for procurement of Electromagnetic Analyzer

ATTENDANCE SHEET - T&PC MEMBERS

Sr. No.	Name		Signature
1	Dr. Raveendranath U Nair, Sr. Principal Scientist, CEM	Chairman	
2	Mr. P. Siva Subba Rao, Principal Scientist, STTD	Member	
3	Dr. P. K. Panda Chief Scientist, MSD	Member- Convenor -TSC	
4	FAO or his representative	Member	
5	Mr. M. J, Nandeesh, SPO	Member-Convenor T&PC	

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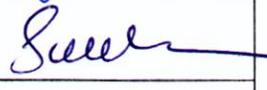
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DATE & TIME : 28-Nov-2018 @ 10.30 AM

VENUE: Material Science Division Conference Hall, CSIR-NAL

Pre-Bid Conference for procurement of Electromagnetic Analyzer.

ATTENDANCE SHEET - PROSPECTIVE BIDDERS

Sr. No.	Name of the Firm	Name & Designation of Representative	Email ID	Signature
1	ANRITSU	SADANAND BHATT G. Manager - Tech Support	sadanand.bhatt@anritsu.com	
2	ANRITSU	ANISH MURTHY MANAGER - SALES	anishmurthy.airpala@anritsu.com	
3	Technocomm SPL Israel	Israel Manager-S	israel@technocommgroup.com	
4	Suresh Res.	Suresh	Suresh.Shetty@rohde-schwarz.com	
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**CSIR-NATIONAL AEROSPACE LABORATORIES  
BENGALURU**

**TECHNICAL QUERIES & CLARIFICATION**

Tender No. : NAL/PUR/MSD/248/18-Z

Item Description : Procurement of Electromagnetic Analyzer

Sr. No.	Query / Clarification Sought	Clarification/Amendment
4.1 <b>System dynamic range</b>	<b>System dynamic range:</b> 75-125 dB to be changed to 75-110 dB or more	The range will change be 75-110 dB or more.
4.1 <b>Software:</b> (i)	The firms requested to include reflection coefficient and transmission coefficient along with reflectance and transmittance	reflection coefficient and transmission coefficient will be included
4.1 <b>Software:</b> (ii)	Vendors requested to remove admittance and inverse S-parameters	The committee agreed to remove these points
4.1. Sample holders	One of the vendors requested to make " <b>Wave guide system sample holders</b> " as optional as the same measurements can be done by probe / adaptor kit method in the mentioned frequency range (200MHz-13 GHz). Both the vendors also requested to change the frequency range of measurement in wave guide system from 200MHz-13 GHz to 2.6-12 GHz, since very large size samples are required for measurement at lower frequency.	Wave guide system sample holders will be optional



Signature of IO & PL

**CSIR-NATIONAL AEROSPACE LABORATORIES**

Tender No.:NAL/PUR/MSD/248/18-Z

**Commercial Queries & Clarifications**

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

  
Stores & Purchase Officer