

PROCEEDINGS OF THE PRE-BID CONFERENCE HELD 27th Apr 2023 THROUGH WEBEX, TOWARDS DEVELOPMENT OF CONTROL ELECTRONICS AND SOFTWARE FOR EXISTING TWIN ROLL MODEL SUPPORT 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, ACD	Chairman
2	Sampath Rao.B	Project Leader	Member
3	Ms. Anju Sharma	Principal Scientist/NTF	Member - Convener (TSC)
4	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.



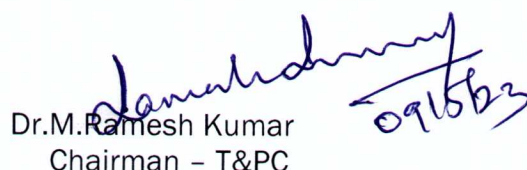
Anju Sharma
Member - Convener (TSC)



B. Sampath Rao
Member



CoSP
Convener (TPC)



Dr.M.Ramesh Kumar
Chairman - T&PC


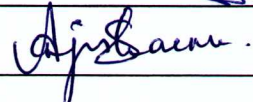
**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU - 560 017**

TENDER NO.: NAL/PUR/NT/349/22-Z
DATE & TIME : 27-Apr-2023 @ 11:00 AM
VENUE: THROUGH WEBEX

ANNEXURE - I

Pre-Bid Conference for Development of Control Electronics and Software for existing Twin Roll model support system.

ATTENDANCE SHEET - T&PC MEMBERS

Sr. No.	Name			Signature
1	Dr. Ramesh Kumar. M	Chief Scientist, ACD	Chairman	
2	B.Sampath Rao	Chief Scientist, ACD	Project Leader	
3	Ms. Anju Sharma	Principal Scientist/NTF	Member - Convener (TSC)	
4	CoSP or his representative		Convener T&PC	

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ANNEXURE - I

Pre-Bid Conference for Development of Control Electronics and Software for existing Twin Roll model support system.

Sr. No.	Name of the Firm	Name & Designation of Representative	E-tender Registration (Yes/No)	Email ID
1	M/s. ETA Technology Pvt.Ltd.	1. Sridhar HR- General Manager 2. Abhijith V.- Dy Manager	Yes	sridhar@etatechnology.net abhijith@etatechnology.net
2	M/s. Optimised Solutions	Soni Singh Manjunath Gowda	Yes	manjunatha.gowda@optimized.solutions
3	M/s. Captronics	Sharadha	Yes	sharadha@captronics.com
4	M/s. Yottec	1. Nakul 2. Baskar	Yes	nakul.rn@yottec.com
5	M/s. Innovative	Sumithra Krishnamurthy	Yes	sumithra.krishnamurthy@innovate-electronics.com
6	M/s. Inevitable Infotech	Manjuntha	Yes	manjunatha@inevitableinfotech.com
7	M/s. FAM Solutions	Saravanan	Yes	frictionmotion@gmail.com
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**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

TECHNICAL QUERIES & CLARIFICATION

Tender No. : NAL/PUR/NT/349/22-Z
Item Description : Development of Control Electronics and Software for existing Twin Roll model support system.

Sr. No.	Query / Clarification Sought	Clarification/Amendment
1	<p>Yottec:</p> <ul style="list-style-type: none"> a. Is it mandatory to use Real Time c-DAQ chassis, why not c-RIO chassis? b. Whether only primary or both primary & secondary motors to be operated together? c. Clarified about the no. of drive units required d. Enquired about perpetual license 	<ul style="list-style-type: none"> a. Anything is fine. It should fulfil our requirement. b. We should be able to operate primary alone or both primary & secondary together c. Two primary and Two secondary units required <ul style="list-style-type: none"> - Check the feasibility of multi-axis drive - Rack to be provided to fix the drive unit on the model cart d. Perpetual license for all the software required
2	<p>ETA:</p> <ul style="list-style-type: none"> a. Suggested to use etherCAT optical cable for all analog and digital I/Os for handshake with ITCS b. Suggested with one Handheld (Pendant) connected to the controller can be used to operate both AMC & OMC c. Enquired about the g level for the drive fixed on to the model cart 	<ul style="list-style-type: none"> a. It is fine, if it suits our requirement b. Check the feasibility c. Not more than 10g
3	<p>Sony Singh: Whether LabVIEW Professional or Full Development software is required ?</p>	Professional
4	<p>Saravanan- FAM solutions Whether program should be developed in LabVIEW software only or any other software is OK</p>	LabVIEW program only

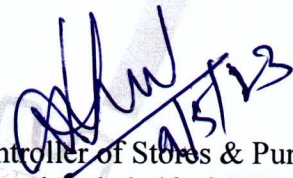

 Signature of IO & PL

**CSIR-NATIONAL AEROSPACE LABORATORIES
BENGALURU**

COMMERCIAL QUERIES & CLARIFICATION

Tender No. : NAL/PUR/NT/349/22-Z
Item Description : Development of Control Electronics and Software for existing Twin Roll model support system.

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


Controller of Stores & Purchase
For and on behalf of CSIR-NAL

