Tender no.: IITI DRISHTI-CPS/EQP/23/DR/2025-26 (GeM Bid No: GEM/2026/B/7172862)
Date:19/02/2026

PRE-BID REPORT

The meeting for pre-bid discussion was held at IITI DRISHTI CPS Foundation via Google Meet on 05/02/2026 from 11:00 AM onwards for Design, Supply, Installation, Training & Commissioning ofEMI/EMC Lab Setup.

Different prospective bidder representatives joined the call as per below mentioned details:-

a) **M/s.Electromotion e-Vidyut VehicalesPvt. Ltd.**
b) **M/s. Cemantica Technologies Pvt. Ltd.**
c) **M/s. Rohde &Schwarz India Pvt. Ltd.**
d) **M/s. Mine Instruments Private Limited**

The report of the meeting is as mentioned below along with queries and responses thereof:

Sl. No.	Reference of the Clause No. of the Tender Document	Query/Clarification/Deviation sought	Clarification/Response from IITI DRISHTI CPS Foundation
M/s. Rohde & Schwarz India Pvt. Ltd.			
01	Signal Analyzer/Spectrum Analyzer		
(i)	Frequency Range 10 Hz to 7 GHz or Better	we Request you kindly change it to 9 KHz onwards as we can see Antenna will be use 20 MHz and LISN is from 9 KHz	We may go for MIL standard EMI testing too so 10Hz is needed for the application , that is why we have asked MIL std EMI Bandwidths in the requirement, no change
(v)	No. of Sweep points: 1 to 100001 or better	Request you to kindly change it from 150 onwards	While testing for MIL standard, we will require lesser sweep points, no Change
	Detectors: Normal, peak, sample, negative peak, log power average, RMS average, and voltage average	Request you to kindly change max. peak, min. peak, auto peak (normal), sample, RMS, average	Negative peak is needed to know quietest point, Log power average is needed to get a clean, stable amplitude reading, Normal detector is needed to see all spike while keeping the noise floor realistic, hence no chnage
Viii	Vidoe Bandwidth :1 to 50 Mhz	Request you kindly change 1 to 10 MHz , in seq 1/2/3/5 as(CISPR, FCC, DO-160, MIL-STD, IEC… none of these EMI standards prescribe such a	We may use it as Spectrum analyzer to measure pulse RF signal where we need high video bandwidth, no change

		high VBW. Typical VBW values used in EMI testing)	
Xi	Reference level: -170 to +23 dBm in 0.01 dB steps or better	Request you to change 130 dBm to (–13 dBm + RF attenuations – RF preamplifier gain), in steps of 0.01 dB	It is needed to use the Spectrum analyzer to measure very low level noise hence to increase sensitivity, no change
Xix	Firmware updates: Should be provided free-of-cost equipment lifetime	request you kinldyconsider,if the software firmware updates required such as bug fixing and GUI update , changes not relevant to complaince or feature updates from the Compliance ,if features update required it will be cost extra.	It should be free of cost, no change
XX	Operating Temperature Range: 0° to +55°C	Request you to change , 0 °C to +50 °C	We will accept 0 °C to +50 °C, changed
XXIV	Display: 10.5 inches or more Color display	Request you to change, color display (10.1")	You can provide equal or bigger display then 10.5 inches, no change
3	Tr- Log Antenna	We comply to the requirement , however our antenna performance will be based on chamber performance such as reflection etc.	Please provide antenna as per tender requirement, no change
4	Pre- Amplifier		
vi	Input/Output VSWR : 3.0;1/2.0;1	Request you to change it to, ≤ 2.5:1	Lower output VSWR is needed in order to maintain gain flatness and less mismatch, no change
5	Advance payment	Request you to please provide 30% advance and 50 % against material readiness with proof of readiness and 20% after successful installation commissioning .	Payment term will remain same, no change
6	Point no-19 – LD	LD – request to kindly consider LD on the Delayed part not on the whole systems .	LD cause will remain same, no change
M/s. Cemantica Technologies Pvt. Ltd.			
7		(a) Pt A.1.i. As per CISPR testing standard the testing starts from freq 9Khz while the tender specs mentioned is from 10 Hz. This is even more relevant as the indicated LISN in the specs are for commercial testing with relevant band 9KHz to 30 MHz.Also the tri-log antenna mentioned in the bid is from antenna 20 MHz.Thus would the spectrum analyser with freq	We may go for MIL standard EMI testing too so 10Hz is needed for the application , that is why we have asked MIL std EMI Bandwidths in the requirement, no change

		range starting from 9KHz be acceptable?	
8		(b) Pt A.1.v. No.of sweep points mentioned in the bid document is '1 to 100001 or better'. We recommend amending that to '150 to 100001 and better' as per setup used for such testing.	While testing for MIL standard, we will require lesser sweep points, no Change
9		(c) Pt A.i.vi. Detectors. Request if max peak, min peak , auto peak (normal), sample, RMS and average' can be made acceptable.	Negative peak is needed to know quietest point, Log power average is needed to get a clean, stable amplitude reading, Normal detector is needed to see all spike while keeping the noise floor realistic, hence no chnage
10		(d) Pt A.1.viii. Video Bandwidth mentioned in the bid document is 1Hz to 50 Mhz. We recommend amending the same to 1 Hz to 10 MHz in seq 1/2/3/5 as per setup used for such testing as per CISPR, FCC, DO-160, MIL-STD, IEC.	We may use it as Spectrum analyzer to measure pulse RF signal where we need high video bandwidth, no change
11		(e) Pt.A.1.x. For third order intercept, the mentioned is 'TOI (Third Order Intercept) of Instrument (without 100 MHz to 13GHz :+13 dBm'. The spectrum analyser frequency mentioned is only upto 7GHz and hence we request amendment.	We accept TOI of instrument 100MHz to 7GHz: +13dBm, changed
12		(f) Pt A.1.xi. Reference level mentioned is '-170 to +23 dBm in 0 with 0.01 dB steps'. Request amend130 dBm to -13dBm + RF attenuation -RF amplifier gain) in steps of 0.01 dB.	It is needed to use the Spectrum analyzer to measure very low level noise hence to increase sensitivity, no change
13		(g) Pt A.1.xix. The bid document mentions 'Firmware updates: Should be provided free-of-cost equipment lifetime'. We submit that all firmware updates would be provided free of cost for bug fixing and GUI update or changes not relevant to compliance or features updates from the compliance; however, any change in feature as per EMC requirement for standard upgrades or test upgrades would be chargeable. Please confirm	It should be free of cost, no change

		acceptability.	
14		(h) Pt A.1.xx. Operating temperature may be amended to 0 to 50 deg C.	We will accept 0 °C to +50 °C, changed
15		(i) Pt A.1.xxiv. Display size mentioned is 10.5 inches or more, we have a standard product range with display size of 10.1 inches. Request confirm if this is acceptable.	You can provide equal or bigger display then 10.5 inches, no change
16		(j) Pt A.1.xxvi. Request confirm whether an OEM calibration certificate would be acceptable or calibration from a third party accredited lab is required.	OEM calibration certificate is acceptable
17		(k) Pt A.3. We submit that the antenna being offered by us would meet all specs as per tender like continuous power rating in a calibrated chamber. We submit that the actual power rating achieved in your chamber would depend on the resonance characteristics.	Please provide antenna as per tender requirement, no change
18		(l) Pt A.4.vi. Vswr mentioned is 'Input / output vswr: 3.0:1 / 2.0: 1'. The generic requirement is for Vswr as 2.5 and hence is supplied as a standard product range. Please confirm if this is acceptable.	Lower output VSWR is needed in order to maintain gain flatness and less mismatch, no change
19		(m) There is no mention of probes in the tender, we are assuming that all required probes are already available with you.	Please offer all necessary accessories as per requirement
20		(n) We are assuming that a suitable semi-anechoic chamber is already available with you.	Yes
M/s. ThinkEMC Solutions Pvt. Ltd.			
21		The delivery period is specified as 6 weeks from the date of purchase order. This will schedule the delivery of material post mid APRIL 2026. Will it be accepted or do you need delivery of material before 31st March? Please specify.	Material is to delivered & installed on or before 25th March, 2026
22		Point no (x) of A, TOI of instrument should be 100MHz to 7GHz only as the Spectrum Analyzer is only required up to 7GHz.	We accept TOI of instrument 100MHz to 7GHz: +13dBm, changed
23		Kindly consider warranty up to 1	It is three years, No Change

		year only.	

- All correspondence concerning the tender must be directed to IITI DRISHTI CPS Foundation through the official channels specified in the tender notice.
- All prospective/willing bidders are requested to take note of this report as part of the tender document. All other terms and conditions of the tender remain unchanged.

Project Director
IITI DRISHTI CPS Foundation