

**MINUTES OF MEETING OF PRE-BID MEETING OF “EO POD 12”,25 KG CLASS FOR  
LUH & UH-M PLATFORM**

**TENDER NO. SLRDC (HAL)/1010/2/1 (DUE DATE: 16JAN 2026)**

**Meeting Date** : 22.12.2025  
**Venue** : SLRDC Conference Hall, HAL, Hyderabad

DGM (IMM&OS), SLRDC has invited and thanked all the vendors for their participation in Pre-Bid meeting in-person and also joined through VC. A short brief about EO POD system along with the mandatory requirements of Technical and Commercial terms & Conditions were deliberated.

General Manager, SLRDC welcomed all the members of Pre-Bid meeting participants. He has briefed the significance of the project “EO POD for LUH & UH-M platform” and discussed the stringent timeline requirements. He also emphasized the development approach of this project. He has highlighted the purpose of the meeting is to ensure successful bidding and further execution of the project in a stipulated time.

CM (Design) extended a warm welcome to members of Pre-bid meeting and briefed the importance of EO POD system. He has underlined, the team present here will clarify all the queries, if any vendor is having in this Tender RFQ.

The meeting started with a presentation by DGM (IMM&OS) and presented an overview of RFQ details. The following points were deliberated:

1. All the commercial terms and conditions of the RFQ were explained in line with the RFQ requirement like Earnest Money Deposit (EMD), Integrity Pact (IP), Security deposit (SD), Performance Bank Guarantee (PBG), Liquidated damages (LD) etc.
2. It was also explained that Tender is issued in two (2) Bid System. The first bid will be a Technical Bid and second will be Price Bid. The Prices will be quoted strictly only in the prescribed format. Also no prices to be indicated in the Technical Bid.
3. The Demo for filling up the Price Bid format is also made in presence of Vendors to avoid any conflict in future.
4. It was also deliberated during tender stage / Technical evaluation stage if required, HAL can visit to Vendor place for Vendor assessment.
5. CM (Design), SLRDC has presented the brief overview of SoW document for project Scope, Design requirements, Platform interfaces, System Architecture, no.of LRU requirement to meet volume and weight, Hardware, Firmware and Software certification requirements, Environmental and EMI/EMC requirements, Integration of LRUs, LRU test jig requirements and certification standards.
6. Various clarifications were sought by vendors during the presentation and Key points of discussion and deliberations during the presentation are summarized below:

SL NO	ORGANIZATION	QUERY	RESPONSE
1	Vendor-1	Regarding the requirement for a single product – since our product is modular, is it acceptable to propose single product with two configurations to support each platform requirements and provide interchangeability at SRU level performed by HAL (SRWS Para. 4.3, 4.4)?	The requirements is for single product configuration for both platforms and is a essential requirement. Further any internal small tweaking/adaptation is acceptable as long as it is a single configuration. This is because if a single product exists, the two time qualification cycle can be saved.
2		Annexure D Para. 4.12 b. Could it be that there is a typo in Table- 2 regarding the SWIR detection ranges with respect to recognition ranges, since the recognition requirements are greater than the detection range?	No, the technical parameters is to be adhered. Vendors are advised to aim for a more Recognition range so the Detection will automatically be met.
3		Is it required to provide O-Level test equipment that will be supplied to the end customer?	Yes
4		Is it required to provide proofs or evidence of our previous TOT (Transfer of Technology) projects and establishment of production lines in India?	Yes
5		PartII – CommiTerms - Para 19. Please specify the format/procedural instructions for conducting the inspection.	HAL mentioned that the ATP/test procedure will be prepared by vendor & co-ordinated by HAL and the same will be followed.
6	Vendor-2	Where are repairs expected to take place? With Indian MRO like HAL or at vendor facilities?	At HAL Korwa

7	Who is going to certify by CEMILAC? Vendor or HAL	Vendor for Direct Delivery with support from HAL and wrt Co-Development Unit, it will be HAL's primary role with support from CDP.
8	Resolutions requirements on UHM do not match 1. Resolution on- 1920x1080 (Pt. 5.1 b) 2. The MFDs have an aspect ratio of 94:3 (Horizontal x Vertical) and resolution is 1024 X 768. (Pt. 5.1 c) Please clarify the above	The resolution that the EO system should provide is 1920x1080.  The resolution of the onboard MFD is 1024 X 768.
9	Will HAL support efforts for integration into the 1553B bus? - The protocol layer would need to be defined by HAL	Yes but ICD wrt EO will be provided by Vendor.
10	What is the expectation of what is to be certified under DO-178 B/C? Will we be able to discuss further?	Artifacts will be as per Criticality LEVEL of the system, which is atleast LEVEL C .
11	<p>During the EO System Requirements - all projects meeting held with HAL RWRDC on the 22nd of Sep 25, it was made very clear to HAL that certain information not in the public domain could not be shared without an export license in place as the camera system falls under defence export control.</p> <p>Now with the tender release HAL is again requesting a detailed response which we will be unable to answer unless information is in the public domain. This even falls to pricing as without a license in place we cannot provide detailed pricing only ROM could be provided.</p> <p>The above point needs to be discussed with HAL so that we can respond without breaching the tender rules for disqualification.</p>	Not Acceptable. All necessary technical criteria wrt Tender should be met by Vendor, Discussions wrt RWRDC is irrelevant here. The same has been discussed and brought out to the vendor during the Pre Bid meeting.
12	Can deficiencies in the required testing standards be reached during the development phase?	Yes, Environmental specs related only parameters, or parameters which are not part of LIVE Demo

			can be tuned or met during D&D phase(Viz like platform integartions,etc).
13		Filling up the Price Tables is not clear. Kindly consider demonstration on 'How to fill Price Bid'.	Demo is shown during Pre Bid.
14		<p>Q1: We understand that total spares as required for Qty-214 EO Pods is to be quoted. Kindly confirm our understanding.</p> <p>Q2: We understand that Qty of Spares required for the One Year usage period is to be considered. Pls clarify?</p> <p>Q3: Whether Spares Price are going to be considered in L1 decision or not. If Yes, the qty considered by one vendor may be different from other and that will have an undue impact on L1 decision.</p> <p>Suggestion: Spares Qty and Price be indicative for reference only and not to be considered in L1 decision. Final qty of spares is to be finalized at the end of D&amp;D phase.</p>	<p>A1. Yes</p> <p>A2. For full 214 qty for a period of 30 years usage.</p> <p>A3. Yes will be considered for L1.</p>
15	Vendor-3	<p>In case of contradiction in requirement of accessories eg. Recorder is required for LUH while only capability to integrate recorder is required for UHM. Here the value of POD with accessories (One Set) for LUH and UHM will be different. What should we do?</p> <p>In Price-table should we consider LUH with recorder and UHM without recorder?</p>	<p>The system should be common in configuration, so recorder prices should be included in price bid for all qty.</p> <p>In order to maintain a single system config and specs, the Recorder as per specs at Section 4 of LUH SRD (Annexure of SRWS) is necessary for both LUH &amp; UHM.</p>
16		Para 28.1 of SRWS states that "During the demo vendor needs to offer its system for demo which it will be offering as final product" while VQC S. No. 'C' on 'Demo Readiness' gives 2 marks for partial compliance and 0 marks for no product. By allowing qualification of CDP even if no product is ready and offered for demo, the vendor may score 19 marks out of 25 and enter demo round which is in contradiction	<p>Refer SI No. C of Table 03 of SRWS and corresponding of Main RFQ :</p> <p>This should be read as "No Product Readiness as: "Disqualified"".</p>

		to para 28 .1 above. Pls clarify that only those bidders will be allowed to enter the demo round who offer the fully ready complied product for demonstration in line with the spirit of Para 28.1 of SRWS.	
17		<p>Leapedge is an Indian Startup engaged in the design &amp; development of cutting edge airborne and ground based Electro-Optics (EO) Systems at its own 'Innovation and Development Centre' comprising advanced infrastructure and an experienced team of scientists and engineers having design skill sets in the domain of Electro-Optics Engineering especially airborne systems.</p> <p>Leapedge is offering Indigenously Designed Developed and Manufacture (IDDM) EOIR System ("LEO-12HD"). LEO-12HD has been developed in full compliance to EO tech specs of LUH &amp; UHM as stipulated at Annexure C and Annexure D of SRWS.</p> <p>LEO-12HD is currently under CEMILAC certification for LUH Platform vide CEMILAC Task Directive No. 69/2025 dated 07 August 2025 and File No. CEMILAC/9401/CES/TD/2025.</p> <p>Our expert design team has puts in several years of design and development efforts in building the Indian IDDM airborne EOIR system. The IP Rights of LEO-12HD rest with Leapedge and within India which is a great advantage to HAL. Indian Startup offering IDDM EOIR System currently under CEMILAC certification with 100% Indian IPR may be relaxed in the experience criteria.</p>	<p>As discussed during Pre Bid Meeting the "Experience criteria of minimum 05 years " can be updated as "Experience criteria of minimum 03 years " and further following in marking basis column:</p> <ul style="list-style-type: none"> <li>i. More than 10 years: 04 marks;</li> <li>i. More than 03 years and upto10 Years : 03 marks;</li> <li>i. Less than 03 years: Disqualified</li> </ul> <p>Also, the criteria for providing PO copies for supplied item from reputed aerospace company is being "Deleted".(As this requirement is already at point No. D of the Table 3 of the SRWS and corresponding table in Main RFP).</p>
18		Reading of this para, it is understood that the Indian Industry will have the option to produce on its own provided it ensures minimum 50% IC. In other words, Indian Industry will have option not to do ToT process and produce products on its own.	As brought out in Pre Bid meeting TOT is an Essential Requirement. The technical reason wrt Long Term fleet support and others was detailed and

		brought out to all during the Pre Bid meeting.
19	Indian Industry complies with IC Content requirement and it quotes prices in Table "A" then it does not need to quote prices as given in B1, B2 & B3 under "B" table? Is our understanding is correct?	Prices to be quoted in all the tables in Price bid. (No prices to be indicated in the Technical Bid)
20	Exchange rate will be previous day closing rate? Or spot rate of that moment at the time of opening tender? Or the closing rate of date of Tender?	ERV reckoning date shall be the last date of submission of commercial bids (i.e. due date of the tender)-Refer commercial terms and condition Part II.
21	As per our understanding to arrive L1 between local and foreign suppliers, The amount quoted by foreign vendor will be converted as per exchange rate on the date of tender. We here observe that	Foreign currency exchange rate as on date of tender/bid opening stipulated in RFQ shall be considered for comparative price statement in commercial evaluation.
22	In case of delay from contractual times lines, whether escalation will be eligible till original delivery period? For example 1 unit to be delivered in 2029 but it could be delivered in 2030 then in that case Price variation till 2029 will be available to supplier?	Please refer 5.1.2 - Price variation shall be considered only if delivery of supplies/services occurs within the contractual delivery period. In case of any delay is solely attributable to CDP this Price escalation shall not be applicable. In case supply is due in 2029 and vendor is delivered in 2030, the price for 2029 is applicable.
23	Please provide respective website address/URL Links to access the relevant indices	Based on the product offered by the vendors, relevant

		indices to be indicated in their quotation. In case it is not available, the same has to be indicated in their quotation. However the commercial evaluation will be done based on the maximum escalation quoted by the vendor.
24	There is no sample Draft contract ToT mentioned in Annexure-D. However Details of MTOT is given at Annexure-B'. Pls clarify the same. Do we need to comply Annexure-B only?	Wrt MTOT the points written in Annexure B of providing the SRWS needs to be complied point wise.
25	<p>RFQ allows vendors to choose the HSN code. That means different Customs Duty and corresponding IGST as per vendor's selected HSN codes. Pls confirm that HAL will accept the quoted HSN code of vendors and will apply custom duty and corresponding IGST according to the HSN code as quoted by the vendor, in L1 determination.</p> <p>Another option is to assign standard common HSN code for all bidders in determination of L1 as the product and its application is same for all bidders.</p>	<p>HSN Code is Vendor's responsibility as the product is offered by them.</p> <p>Vendor has to indicate the HSN Code according to the product offered by them. The same will be used while evaluating the commercial bids after due diligence. If required, vendor has to provide the necessary documentary proof for the quoted HSN code.</p>
26	Last line of the para at S. No. 32 states that the ERV to be borne by Indian bidder while S. No.33 states that ERV will be paid to Indian Bidders. Please clarify this contradiction on ERV applicability to Indian Bidders	Exchange rate variation on the higher side, shall be paid by the HAL and similarly any exchange rate variation on lower side i.e. price reduction, to be passed on to HAL.
27	<p>Pls advice the Web Link of Open Portal where we can find the Labour and Material Indices used in the Price Escalation Formula?</p> <p>We understand that price escalation will</p>	Based on the product offered by the vendors, relevant indices to be indicated in their quotation.

		be applicable as per the scheduled delivery year. Pls clarify	In case it is not available, the same has to be indicated in their quotation. However the commercial evaluation will be done based on the maximum escalation cap quoted by the vendor. Vendor has to mandatorily quote the maximum escalation cap in the Price Bid.
28		<p>We understand that Applicability of escalation will be to the scheduled delivery year as per PO rather than PO ordering (issuing) year. Pls clarify and explain.</p> <p>We understand that Max Cap value will be used for L1 determination. Pls clarify.</p>	<p>Please refer clause No.5.3.3 of Main RFQ i.e. Price escalation formulae.</p> <p>P1- is revised price at the time of ordering month and year. P0 - base price considering quoted month at 2026 level</p> <p>Max Cap value will be used for L1 determination.</p>
29		As this para says tender will be evaluated on total landed cost up to HAL basis. We understand that custom duties and IGST paid on supplies by foreign vendor will be included in total landed cost. Please confirm our understanding	Yes. The tender will be evaluated on total landed cost including every element and after considering loading factor as per RFQ.
30		As per our understanding to arrive L1 between local and foreign suppliers, exchange rate on the Bid Submission Date will be considered. We have observed that there is no mechanism to consider Effect of Exchange rate variation on full value of foreign currency that will be paid to foreign supplier in future years against supplies. This may end up HAL paying more money as compared to Indian Supplier declared as L2 at the time of finalising L1. Refer workings simulation tab "Effect in L1 due to Ex rates" for	The tender will be evaluated on total landed cost up to HAL as per RFQ.

		<p>detailed understanding.</p> <p>Suggestion: Level playing field should be there while arriving L1 between Foreign suppliers and Indian suppliers (import content) by considering average rupee depreciation based on past data.</p> <p>Pls provide clarification on the above anomaly in L1 decision making.</p>	
31		<p>As per Para 13(c) of Part-II-Commercial Terms, it is mentioned that MSE be allowed to supply 100% of total tendered quantity (falling in band of L1+15%). However as per Appendix A (Type II).Para 7.A.vi- it is mentioned that MSE clauses is not applicable for Indivisible qty. Pls clarify whether Special Preference to MSE as per S.</p> <p>No. 13C of Commercial Terms will be applicable or not.</p>	Yes. Preference to MSE as per S. No. 13C of Commercial Terms will be applicable
32		<p>Ops manual is a part of final deliverable against the Contract. However, Para 20.1.5 of SRWS on 'Documents Accompanying Proposal' states that Ops Manual be submitted with technical proposal. Request clarify.</p>	A draft Ops Manual needs to be submitted thus ensuring that a product exists with vendor.
33		<p>As the Colour CCD (Day TV) sensor has a minimum optical zoom of 10x, it is understood that the corresponding Field of View (FoV) ranges from approximately 30° (Wide FoV) to 3° (Narrow FoV), similar to the IR sensor FoV range of 30° to 3°, instead of mentioned CCD's FoV of 2° to 30°. Kindly confirm.</p>	<p>The requirement is for a minimum optical zoom of 10X.</p> <p>The FoV has to be from 2° to 30°</p>
34		<p>Para 6.3.1 states that "The power supply on UHM is 28V DC and 115V AC, 3-Phase, 400 Hz with steady state and transient voltage characteristics complying with MILSTD-704D requirements. The proposed system should be capable of working with this power supply". We understand that the offered system should be capable to work with either 28V DC or 115V AC Power Supplies and not the both. Pls confirm our understanding</p>	System shall work with either on 28V DC or 115V AC within the specified power limits of load.
35		Para 5.10.2 states that "For smaller	By using the Critical

		targets (LUH spec), performance shall be software / minor hardware scaled from the higher capacity". This statement is not understood. Request elaborate wrt DRI Ranges.	dimensions of the target wrt NATO targets, the design should be such that it accommodates smaller target sizes DRI in design and thus can easily see the bigger targets. This is only a technical suggestion to maintain commonality wrt LUH & UHM. Vendor can offer its solution as its approach (Same is mentioned in Section 5.0)
36		As per Appendix C and Appendix D, we understand that the Recorder is required to be provided for LUH and not for UHM ?. Please Confirm our understanding.	In order to maintain a single system config and specs, the Recorder as per specs at Section 4 of LUH SRD (Annexure of SRWS) is necessary for both LUH & UHM.
37		We understand that Recorder for LUH will be external LRU. Pls confirm.	It is not mandatory that the recorder be external. It can be internal too, as per OEM design but should be common for both LUH & UHM.
38		As Hand Controller / Grip and Recorder is supposed to be accommodated in the cockpit whereas EO-POD shall be either Nose mounted or Belly Mounted. Also, the standard video output of STA will be converted to specific display requirements of LUH and UHM. This Video Interface Unit (VIU) will be external to EO Pod (STA) and be separate LRU. Considering aforesaid, the weight of VIU, Hand Controller / Grip, Grip Interface Box, Recorder, Mounting Tray etc. may not be included in the weight budgeting of 25 Kgs of EO-POD. Request confirm our understanding.	Weight of all deliverables including recorder and accessories shall be max 25 kg. (refer para 5.2, 4 in Annexure C of SRWS)
39		It is mentioned that "Vendor to propose	UHM – mandates only

		single hand grip for EO system Control". Accordingly, it is understood that there shall be only One Control Grip to be provided along with each EO-POD for LUH and UHM. Please Confirm.	one control.  LUH – could be either one or two. During D&D stage if more than 01 hand grip is required it will separately purchased as line item from vendor based on outcome of trial stages.
40		It is mentioned that " EO Control Grip is preferred to be integrated with onboard radar controls". Please elaborate the Interface details of envisaged radar for its integration with proposed Control Grip.	If there are spare switches on EO grip after accommodating EO specific controls, radar controls can be accommodated for UHM. The interface details will be decided during D&D phase.
41		The exact planned place / position of EO-POD integration on the airframe of LUH / UHM is not explicitly mentioned in the SRWS. Request share the exact place / orientation of EO-POD integration on the airframe of LUH / UHM viz Nose Mounted (Upside / Downside) / Belly Mounted etc.	UHM shall be dome down in the nose.  LUH – would be installed in the nose, orientation could be dome up/down.
42		Para 8.9.2(i) states that "MWIR & SWIR imaging sensor with cooled detector". We understand that selection of Cooled or Uncooled Detector is related to range requirements in MWIR band and not in SWIR. PIs clarify.	Yes. Vendor to offer its design based on its compliances to SRWS.
43		For UHM with Visibility of 13 Nm along with other environmental parameters, the DRI Ranges (Especially for SWIR), mentioned for "Small Target" is fine. However for "Intermediate Target" and " Large Target", Visibility of 13 Nm is found <u>Not Sufficient</u> for achieving the proposed DRI ranges. So, there is a requirement to consider different Visibility Distance Values for "Small target", "Intermediate Target" and "Large Target" respectively.  In order to demonstrate / achieve the	NOT ACCEPTED It will be as per SRWS.

	<p>mentioned DRI ranges, following values of "Visibility" may be considered for different target sizes:</p> <p>(a) Small Target = 13 Nm Visibility  (b) Intermediate Target = 23 Nm Visibility  Large Target = 25 Nm Visibility</p>	
44	<p>For UHM, with Visibility of 5 Nm along with other environmental parameters, <u>Detection Ranges</u> mentioned for <u>IR</u> for all the <u>three target sizes</u> are quite Large. Detection Range for "Small target" is mentioned as 9.5 Nm which is even more than mentioned Detection Range, 9 Nm, with Visibility of 13 Nm for "Small Target".</p>	<p>Requirement as per Operational Requirements (OR).  No change.</p>
45	<p>For UHM, Visibility of 5 Nm along with other environmental parameters is found <u>Not</u> <u>Sufficient</u> for achieving the DRI ranges (especially for IR and SWIR) as mentioned for "Small Target", "Intermediate Target" and "Large Target". So, there is a requirement to consider different Visibility Distance Values for "Small target", "Intermediate Target" and "Large Target", respectively.</p> <p>Accordingly, in order to demonstrate / achieve the mentioned DRI ranges, following values of "Visibility" may be considered for different target sizes:</p> <p>(a) Small Target = 7 Nm Visibility  (b) Intermediate Target = 10 Nm Visibility  (c) Large Target = 12 Nm Visibility  PIs clarify.</p>	<p>Not Accepted</p> <p>Requirement as per Operational Requirements (OR).  No change.</p>
46	<p>Requirement of "Jamming Code Library Programming" is not understood. Kindly clarify</p>	<p>Typo mistake  To be considered as "deleted".  Please refer Corrigendum-01</p>
47	<p>We understand that no price details be provided in Technical Proposal. However, Para 20.1.2 states that " The individual cost details line by line should also be provided wrt all the offered CDP route by</p>	<p>It is not to be mentioned in Tech Proposal, it should only be in Price Bid.</p>

		CDP" in the Technical proposal. Please Clarify.	
48		It is mentioned that " it shall be possible to simulate threats (missile threats) during the SIL checks using the supplied tester". The same is not understood. Please Clarify.	Typo mistake only wrt Threats, It should be read as simulated targets. Please refer Corrigendum-01
49		Various mentioned tests like CS 103, CS 104, CS 105 does not seem applicable for EO-POD. Requirement of all the tests mentioned at Annexure 3 may be rechecked and finalised as per CEMILAC requirements.	The requirements are added based on an e-map document made for UHM. The tests are applicable based on interface with Antenna.
50		<p>It is mentioned that " The geo location accuracy must not exceed 30 m at 5 m range". Q1: What kind of accuracy of various required Navigational Inputs shall be provided by LUH Platform? Please elaborate</p> <p>Q2: If there a need to integrate additional third party GNSS in the EO-POD to meet these Accuracy, the Antenna feedback to GNSS Rx needs to be provided by HAL with the existing Antenna on the platform. Please confirm.</p>	<p>The navigation parameters will be same as UHM.</p> <p>The data available on MIL-1553 Bus will be provided.</p>
51	Vendor-4	All airborne systems in the 12" 25KG class employ 4 axis stabilization with two coarse and two fine gimbals each for pan and tilt. Please clarify what is meant by 3 axis stabilization.	The system to be stabilized in both axes of pitch and yaw.
52		Under conditions of RH 80%, visibility 13Nm, real world SWIR detection range of 15/25/28 Nm cannot be achieved as it exceeds optical visibility.	Requirement as per Operational Requirements (OR). No change.
53		Under conditions of RH 80%, visibility 5Nm, real world SWIR detection range of 8/9/10 Nm cannot be achieved as it exceeds optical visibility.	Requirement as per Operational Requirements (OR). No change.
54		Range required for LRF and LD have to be defined by HAL and cannot be left open since they have significant commercial impact.	<p>LRF: Min : ≤ 250m Max : 11.11 km (6 nm) or better</p> <p>LD :</p>

			Min : ≤ 250 m Max : 8 km or better
55		The lens size of a 15X SWIR zoom lens is too large to be accommodated in a 12" 25KG system.	The requirement of 15X is in the Operational Requirements (OR) and hence remains.
56		Clause No.4.2.9: Please explain what "blending" stands for? Please explain usage of that function?	Blend here means combine the images of two sensors and make it one image for better inference / interpretation
57		Clause No.4.32: How this value was choosed?	OR(Operational Requirements) from user
58		Clause No.4.5.3: x25 is mandatory? What is the purpose of WFOV more than 48deg?	X25 is part of OR(Operational Requirements) from user. 48 deg is not mentioned in the SRWS.
59	Vendor-5	Clause No.4.6.3: Thas Zoom is mandatory? (SWIR uses for target investigation)	It is mandatory, Operational Requirements from user
60		Clause No.4.10: Please explain your suspicion for DVR	Refer Page 13 and page 33 of SRWS
61		Clause No.6.2: Can declaration be provided?	As per para 6.2 of SRWS CDP shall provide necessary support and hand holding during all stages of Co-development, integration, flight trials, modification till the EO POD OF 12 INCH,25KG CLASS and its Ground Support Equipment's is qualified and accepted by user.
63		Please Clarify mandatory vs optional EO Pod requirements under SRWS.	In the Annexures C and D, if any requirement is optional, it is clearly

			indicated.
64		Please Clarify if all PODS should include both laser designatos and/or laser range finders	Yes
65		Please Clarify the configuration of the first 5 PODS (i.e. observation channels, LD's and LRF's)	The configuration of pods for LUH and UHM are as per Annexure C and D respectively.
66		Please Confirm expected performance values for DRI and stabilization.	As given in SRWS
67		Please Define required depth and format of the compliance matrix.	The compliance matrix is to be for compliance's against each point as per SI No. 2.3 of the SRWS & its annexures and documents which needs to be accompanied in proposal should be as per SRWS (Various sections of 9, then Annexure C&D Section 13)
68		Please Specify avionics ICD availability and integration expectations.	ICDs of avionics systems are available, however cannot be shared at this stage and will be discussed during D&D phase. Vendor needs to support or provide its earlier experience into platform based on its expertise.
69		Please Clarify the quantity of the PODS that should be supplied at T0+9 months and for which platforms (LUH/UHM)	Quantity is mentioned in the Direct Delivery supply section of "Deliverables" of SRWS.
70		Please Define DO-178C/DO-254 levels per subsystem.	Full system should be Minimum DAL LEVEL C.

71	Please Confirm platform-specific integration requirements (LUH/UHM).	Part of Annexure C and D of SRWS
72	Please Clarify HAL/CDP work share boundaries for OFP, HMI, algorithms.	It is already defined in the SRWS. Refer clause 3.2.5.3 of the SRWS.
73	Please List evaluation criteria for technical demonstrations.	It is clearly mentioned in the SRWS.
74	Please Confirm HAL-provided test environment vs vendor provided.	The system should meet the Environmental test requirements of the SRWS.
75	Please Specify which performance metrics must be demonstrated live.	Refer page 45 of SRWS
76	Please Provide final milestone schedule for bid evaluation.	Refer para no. 25,26 & 27 of SRWS
77	Please Confirm required warranty periods for SRUs and electronics.	Refer para no. 25 of Part II i.e. commercial terms and conditions. For EO POD 12inch,25KG CLASS System components supplied as part of CBU or direct supply, the warranty period shall be thirty-six (36) months from the date of dispatch by vendor. This will be applicable for all the phase i.e. Design and development phase, production & RoH phase.
78	Please Clarify export license and security clearance requirements.	Refer para no. 45 of Part II i.e. commercial terms and conditions. Export Licence: Vendors should categorically confirm the availability/ability to obtain of export license from their government for exporting the system. Vendor shall be required to obtain and

		maintain all Export/Import licenses and permits etc., as the case may be, required for performing supplies against this tender. Obtaining export license shall be entire responsibility of the vendor
79	Please List mandatory documents required in the initial bid.	<p>Please refer the complete document RFQ documents. However, the following some the document are listed below:</p> <ol style="list-style-type: none"> <li>1. EMD</li> <li>2. Integrity Pact</li> <li>3. Local Content certificate</li> <li>4. Compliances of Main RFQ, SRWS, Commercial terms and conditions</li> <li>5. Declaration certificate for procurement of Goods &amp; Services</li> </ol>
80	Please Clarify expectations for safety, reliability, FMECA documents.	Already mentioned in SRWS and will be line with DAL C LEVEL documentation
81	Please State rules regarding subcontractors, JV, consortium participation.	As per Tender document.
82	Please Clarify HAL expectations for risk mitigation planning.	Refer para no. 53 of Part II i.e. commercial terms and conditions. The successful vendor has to supply items as per terms and conditions of purchase order / contract. In case the Vendor fails to execute the order either in terms of quality or in quantity,

		HAL reserves the right to procure from elsewhere at the risk and cost of the Vendor and any extra expenditure incurred due to this purchase is payable by the Vendor.
--	--	---

7. It is also to bring out that clarifications, updations done through corrigendum / addendum will be treated as final requirement and will be considered be used during TEC stage too.
8. It was also informed by HAL that if required a team from HAL may visit Vendors place for their capability assessment during the Tender process.
9. All the vendors have requested for the extension in the validity of the Tender due to Christmas Eve and new near vacations. HAL stated that based on the genuine reasons and justifiable ground HAL may extend the tender due date.

The meeting is concluded at 18:00Hrs and GM SLRDC thanked all the members for their active participation during meeting.

## **CORRIGENDUM-1**

**Tender No: SLRDC (HAL)/1010/2/1**

**SUBJECT: CORRIGENDUM AGAINST TENDER NO. SLRDC (HAL)/1010/2/1 OF “EO POD 12”, 25 KG CLASS FOR LUH & UH-M PLATFORM**

### **A. Technical:**

<b>SI.No</b>	<b>Description</b>	<b>RFQ ref</b>	<b>FOR</b>	<b>READ AS</b>
1.	SI No. C of Table -3	Section 9.1 of SRWS (TABLE-3)	i. Full compliance & demo-ready: 6 marks; ii. Partial compliance : 2 marks iii. No product: 0 marks.	i. Full compliance & demo-ready: 6 marks; ii. Partial compliance : 2 marks iii. No product: Disqualified.
2.	SI No. B of Table-3	Section 9.1 of SRWS (TABLE-3)	i. $\geq 10$ years: 04 marks; ii. 5–9 years: 03 marks; iii. 4-3 years: 02 mark. Less than 03 years: Disqualified	i. More than 10 years: 04 marks; ii. More than 03 years and up to 10 Years : 03 marks; iii. Less than 03 years: Disqualified
3.	SI No. B of Table-3	Section 9.1 of SRWS (TABLE-3)	Experience in EO Pod D&D for Airworthy Platforms – Minimum 5 years in design & development of EO Pods. Vendor may not have designed 12"/25 kg class but must have developed less than or more than 12"/16"/40/60 kg class or equivalent airworthy system.	Experience in EO Pod D&D for Airworthy Platforms – Minimum 3 years in design & development of EO Pods. Vendor may not have designed 12"/25 kg class but must have developed less than or more than 12"/16"/40/60 kg class or equivalent airworthy system
4.	SI No. B of Table-3	Section 9.1 of SRWS (TABLE-3)	i. Self-Declaration Proof, ii. Basic Details of Developed Products, ii. PO copies for supplied item from reputed aerospace company	i. Self-Declaration Proof, ii. Basic Details of Developed Products,
5.	Section 18.1.3	Section 18.1.3 of SRWS	Ground Debrief tool covering Upload/download, jamming code library programming, data analysis, etc	Point Deleted.

6.	Section 20.2.19	Section 20.2.19 of SRWS	Block diagram of system along with testers for testing in the LAB to be provided. The proposal shall include the testers required for performing integration in the lab. It shall be possible to simulate threats (missile threats) during the SIL checks using the supplied testers.	Block diagram of system along with testers for testing in the LAB to be provided. The proposal shall include the testers required for performing integration in the lab. It shall be possible to simulate targets (If possible) during the SIL checks using the supplied testers.
7.	Addition/Detailing in Section C & D	Addition/Detailing in Section C & D of SRWS	Ranges for LRF and LD (Common for both LUH & UHM)	<p>LRF: Min : <math>\leq</math> 250m Max : 11.11 km (6 nm) or better</p> <p>LD : Min : <math>\leq</math> 250 m Max : 8 km or better</p>
8	Recorder Requirement	Appendix C and Appendix D	-	In order to maintain a single system config and specs, the Recorder as per specs at Section 4 of LUH SRD (Annexure of SRWS) is necessary for both LUH & UHM

## **B: Commercial**

Sl.No	Description	RFQ ref	FOR	READ AS
1	Main RFQ Page	Tender Due date	<b>16.01.2026</b>	<b>31.01.2026</b>
2	Main RFQ Page*	Last Date of Submission of NDA	<b>05.12.2025</b>	<b>10.01.2026</b>

\* Since there is change in the vendor qualification criteria, vendors (who have not submitted the NDA and not received the SRWS) can submit the NDA for receiving the Detail System Requirements and Work share (SRWS) for participating in the Tender.