Signer: A G MURUKESAN
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GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
LIQUID PROPULSION SYSTEMS CENTRE, VALIAMALA (LPSC)
THIRUVANANTHAPURAM

Tender for Cable assembly for microwave power transmission

Bids to be submitted online

Tender No.: LPSC/LVF/LP202600083401 dated 20-08-2026

A. Tender Details

Tender No :	**LPSC/LVF/LP202600083401**
Tender Date :	**20-08-2026**
Tender Classification:	**GOODS**
Purchase Entity :	**LVF**
Centre :	**LIQUID PROPULSION SYSTEMS CENTRE, VALIAMALA (LPSC)**

Cable assembly for microwave power transmission

For and on behalf of the President of India, the Head, Purchase and Stores, Liquid Propulsion Systems Centre (LPSC), Valiamala , Thiruvananthapuram invites tenders through e-procurement mode; https://eproc.isro.gov.in.
Prospective vendors interested in participating in the tendering process need to get registered in the portal by using Digital Signature Certificate. Offers submitted through our online portal only will be considered and no other means will be considered.
Detailed instructions for vendor registration, bid submission etc. are available in the portal https://eproc.isro.gov.in. A help desk is also functioning to assist the vendors whose details are available in the portal.

CLASS I AND CLASS II LOCAL SUPPLIERS ARE ONLY ELIGIBLE TO PARTICIPATE IN THE TENDER. A SELF DECLARATION SHOWING THE STATUS OF YOUR FIRM SUBJECT TO LOCAL CONTENT INVOLVED IN THE QUOTED ITEM ALONG WITH DETAILS OF VALUE ADDITION PLACE SHALL BE STRICTLY FURNISHED ALONG WITH YOUR OFFER WITHOUT WHICH YOUR OFFER WILL NOT BE CONSIDERED.
AUTHORIZATION LETTER FROM OEM SHALL BE FURNISHED ALONG WITH OFFER.

A.1 Tender Schedule

Bid Submission Start Date :	**20-08-2026 15:20**
Bid Clarification Due Date :	**27-08-2026 12:00**
Bid Submission Due Date :	**10-09-2026 12:00**

Bid Opening Date : **10-09-2026 12:05**

B. Tender Attachments

NA

Instructions To Vendors

1. INSTRUCTIONS TO TENDERERS AND TERMS & CONDITIONS OF TENDER

1. a) As far as implementation of provision for Public Procurement (Preference to Make in India) Order, 2017 is concerned, the Office orders vide No. P-4502/2/2017-B.E-II dt 15.06.2017, which is partially modified by Order No.P-45021/2/2017-PP (BE-II) dt 28.05.2018, Order P- 45021/2/2017-PP (BE-II) dt 29.05.2019, Order No. P-45021/2/2017-PP (BE-II) dt 04.06.2020 and Order No. P-45021/2/2017-PP (BE-II) 16.09.2020 and subsequent Amendments issued by the Department of Promotion of Industries and Internal Trade, Ministry of Commerce and Industry regarding Class-I/Class-II local suppliers, Purchase preference, verification of local contents etc shall be applicable to this tender. Therefore, bidders are requested to ensure compliance of the same while submitting tenders.

b) Price Preference shall be extended to the MSEs under the Public Procurement Policy for MSEs. Such MSE s shall produce documentary proof of registration as per provisions of the Policy ie: registration with District Industries Centre (DIC) or Khadi and Village Industries Commission (KVIC) or Khadi and Industries Board (KVIB) or Coir Board or National Small Industries Commission (NSIC) or Directorate of Handicrafts and Handlooms or Udyog Aadhar Memorandum or any other body specified by Ministry of MSME.

2. Applicable Law:-

The Contractor shall be interpreted, construed and governed by the Law of India.

3. Bank Details :-

a)For Indian Suppliers :- The offer should contain Bank details viz., Bankers Name, Address, Phone No. & Mail id, Bank Account No., IFSC code, PAN No., GST No., etc.
b)For Foreign Suppliers :- The offer should contain Bank details viz., Bankers Name, Address, Phone No. & Mail id, Bank Account No., SWIFT Code, IBAN No.etc.

4. Contractors Default Liability :-

The purchaser may upon written notice of default to the Contractor terminate the Contract in whole or in part in circumstances detailed hereunder:

a) If in the judgement of the Purchaser the Contractor fails to make delivery of Stores within the

time specified in the Contract/agreement or within the period for which extension has been granted by the Purchaser to the Contractor.

b) If in the judgment of the Purchaser the Contractor fails to comply with any of the other provisions of this Contract.

5. Counter Terms and Conditions of suppliers :-

Where counter terms and conditions / printed or cyclostyled conditions has been offered by the Supplier, the same shall not be deemed to have been accepted by the Purchaser unless specific written acceptance thereof is obtained.

6. DELIVERY AND LIQUIDATED DAMAGES (LD) :-
(a)The time for and the date of delivery of the stores stipulated in the Purchase Order shall be deemed to be the essence of the Contract and delivery must be completed on or before the specified dates.
(b)Should the Contractor fail to deliver the stores or any consignment thereof within the period prescribed for such delivery, the purchaser shall be entitled at his option either.
(i)to recover from the Contractor as agreed liquidated damages and not by way of penalty, a sum of 0.5% per week of the price of any stores which the Contractor has failed to deliver as aforesaid or during which the delivery of such store may be in arrears subject to a maximum of 5% of the order value for the delayed period. However in case of inordinate delays i.e, delays of more than one-fourth (25%) of the total completion period, LD shall be applicable subject to a maximum of 10%.
(ii)to purchase from elsewhere, without notice to the Contractor on the account and at the risk of the Contractor, the stores not delivered or others of a similar description (where others exactly complying with the particulars, are not, in the opinion of the purchaser, readily procurable, such opinion being final) without cancelling the Contract in respect of the consignment (s) not yet due for delivery, or
(iii) to cancel the Contract or a portion thereof and if so desired to purchase or authorise the purchase of stores not so delivered or others of a similar description (where others exactly if complying with the particulars are not, in the opinion of the purchaser, readily procurable, such opinion final) at the risk and cost of the Contractor.

In the event of action being taken under sub-clause (ii) & (iii) of clause 15 (b) above, the Contractor shall be liable for any loss which the purchaser may sustain on that account, provided that the re-purchase or if there is an agreement to re-purchase then such agreement is made within six months from the date of such failure. But the Contractor shall not be entitled to any gain on such re-purchase made against default. The manner and method of such re-purchase shall be at the discretion of the purchaser, whose decision shall be final. It shall not be necessary for the purchaser to serve a notice of such re-purchase on the defaulting Contractor. This right shall be without prejudice to the right of the purchaser to recover damages for breach of Contract by the Contractor.

7. Delivery Period :-

The time for and the date / period of delivery of the stores stipulated in the Tender / Purchase Order shall be deemed to be the essence of the contract and delivery must be completed on or before the specified dates.

8. Delivery Term :-

a)For Import supplies :- FOB / FCA
b)For Indigenous supplies :- Ex-Works / FOR LPSC

9. Extension of Time :-

If the completion of supply of Stores is delayed due to reason of FORCE MAJEURE such as acts of God, acts of public enemy, acts of Government, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes etc., the Contractor shall give notice within 15 days to the Purchaser in writing of his claim for an extension of time. T he Purchaser on receipt of such notice after verification, if necessary, may agree to extend the Contract delivery date as may be reasonable but without prejudice to the other terms and conditions of the Contract.

10. g)Special conditions against Indian Agents submitting quotations in Foreign Currency :-
(i)Foreign Principals proforma invoice indicating the commission payable to the Indian Agent with GST, if any and nature of after sales service to be rendered by the Indian Agent.
(ii)Copy of Agency Agreement with the Foreign Principal, precise relationship between them and their mutual interest in the business.
(iii) Either the Indian Agent on behalf of the Foreign Principal or the Foreign Principal directly could bid in a tender but not both. Further, in case where an agent participates in a tender on behalf of one Principal, he should not be allowed to quote on behalf of another Principal in the same tender for the same item.

11. Guarantee & Replacement :-
a)The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.
b)For a period of twelve months or for a period as specified in the tender document after the acceptance of the stores, if any defects are discovered therein or any defects therein found to have developed under proper use, arising from faulty stores design or workmanship, the Contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof by the purchaser who shall state in writing in what respect the stores or any part thereof are faulty.
c)If, in the opinion of the purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal shall be made by the Contractor free of all costs to the purchaser, provided the notice informing the Contractor of the defect is given by the purchaser in this regard within the said period of 14 months from the date of acceptance thereof.

d)Should the Contractor fail to rectify the defects, the purchaser shall have the right to reject or repair or replace at the cost of the Contractor the whole or any portion of the defective stores.
e)The decision of the purchaser notwithstanding any prior approval or acceptance or inspection thereof on behalf of the purchaser, as to whether or not the stores supplied by the Contractor are defective or any defect has developed within the said period of 12 months or as to whether the nature of the defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.
f)All the replacement stores shall also be guaranteed for a period of 12 months from the date of arrival of the stores at purchaser's site.

12. Indemnity:-

The Contractor shall warrant and be deemed to have warranted that all stores supplied against this Contract are free and clean of Infringement of any Patent, Copy right or Trade mark and shall at all times indemnify the Purchaser against all claims which may be made in respect of stores for infringement of any right protected by patent, registration of design or trade mark, and shall take all risk of accident or damage which may cause a failure of the supply from whatever cause arising and the entire responsibility for the sufficiency of all the means used by him for the fulfilment of the Contract.

13. Language and Measures :-

All documents pertaining to the Contract including specification, schedule, notice, correspondence, operating and maintenance instructions, drawings or any other writings shall be written in English Language. The metric system of measurement shall be used exclusively in the Contract.

14. Mode of Despatch :-
a)For supplies BY ROAD / BY RAIL:-
The Contractor is responsible for obtaining a clear receipt from the Transport Authorities specifying the goods despatched. The consignment should be despatched with clear Railway Receipt/Lorry Receipt. If sent in any other mode, it shall be at the risk of the Contractor.
Purchaser will take no responsibility for short deliveries or wrong supply of goods when the same are booked on 'said to contain' basis. Purchaser shall pay for only such stores as are actually received by them in accordance with the Contract.
The Contractor will be held responsible for any demurrage / wharfage paid due to non-receipt of documents in time.
b)For Supplies BY AIR / BY SEA (As per the instructions in Purchase Order)
One set of Non-negotiable copies of despatch documents should be sent by mail immediately after shipment to us without fail for our verification and tracing the consignment.
Originals should be negotiated, through bank. Apart from the despatch documents negotiated through Bank, a copy of the following documents shall also be air mailed to the purchaser within seven days from the date of shipment by sea andwithin 3 days in case of air consignment

Commercial Bill of Lading/Air Way Bill
Commercial Invoice describing the stores delivered, quantity, unit rate and their total value, in triplicate. The invoice should indicate the discounts, if, any, and Agency Commission separately.
Packing List showing individual dimensions and weight of packages.
Test Certificate
Country of Origin Certificate in duplicate
Declaration by the Seller that the contents in each case are not less than those entered in the invoices and the quality of the stores are quaranteed as per the specifications asked for by the Purchaser.
For Sea Consignments, ordered items shall be shipped through Indian Flagged Vessels only.
Partshipment Not Allowed. Transhipment Allowed. Transhipment of equipment shall not be permitted except with the written permission of the Purchaser

15. Offer Validity :-

a)For Single Part Tender - Quotation should be valid for 90 days from the date of opening of the tender or any other period as specified in the tender.
b)For Two Part Tender - Quotation should be valid for 120 days from the date of opening of the tender or any other period as specified in the tender.
Note :- Offer with validity lesser than that specified is liable for exclusion from the procurement process

16. Packing Forwarding & Insurance:
(a) For Indigenous supplies:The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by Rail / Road to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packages shall be done by and at the expense of the Contractor.
(b) For Import supplies:The contractor wherever applicable shall pack and crate all stores for Sea / Air shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with Internationally accepted export practices and in such a manner so as to protect it from damage and deterioration in transit by Rail / Road & Sea for space qualified stores. The Contractor shall be held responsible for all damages due to improper packing. The Contractor shall ensure that each box / unit of shipment is legible and properly marked for correct identification. The failure to comply with this requirement shall make the Contractor liable for additional expenses involved.
(c) Insurance :The purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract.

17. Packing Forwarding & Insurance:-

a)For Indigenous supplies :- The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by Rail / Road to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packages shall be done by and at the expense of the

Contractor.
b)For Import supplies :- The contractor wherever applicable shall pack and crate all stores for Sea / Air shipment as applicable in a manner suitable for export to a tropical humid climate, in accordance with Internationally accepted export practices and in such a manner so as to protect it from damage and deterioration in transit by Rail / Road & Sea for space qualified stores. The Contractor shall be held responsible for all damages due to improper packing. The Contractor shall ensure that each box / unit of shipment is legible and properly marked for correct identification. The failure to comply with this requirement shall make the Contractor liable for additional expenses involved.
c)Insurance : The purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract

18. Payment :-
For Indigenous supplies :- 100% payment shall be made through RTGS within 30 days of receipt and acceptance of the item at our site against submission of PBG.
For Import supplies :-
(a)SIGHT DRAFT
(b)80% payment by Letter of Credit and balance 20% by Wire Transfer after receipt and acceptance of the ordered item against submission of PBG.
Note :- Bank Charges including the charges towards advising / amendment commissions should be in respective accounts.

19. Performance Bank Guarantee (PBG) :-
To fulfill guarantee conditions outlined in clause 12(a) to (e) above, the Contractor shall, at the option of the purchaser, furnish a Bank Guarantee (as prescribed by the purchaser) from a Bank approved by the purchaser for an amount equivalent to 3% of the value of the Contract along with first shipment documents. On the performance and completion of the Contract in all respects, the Bank Guarantee will be returned to the Contractor without any interest.

20. Price :
a)Price should be firm and fixed and should be on the basis of FOR, LPSC / delivery at site. The Purchaser will not pay separately for transit insurance, and the risk and cost during transit shall be exclusively the responsibility of the Contractor and the purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract.
b)Tenders offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotation with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variations.
c)Prices are required to be quoted according to the units indicated in the tender. When quotations are given in terms of units other than those specified in the tender form, relationship between the two systems of unit must be furnished.

d)The FOB/FCA value, the C & F value for import by Sea freight / Air freight up to and for air parcel post up to LPSC, Thiruvananthapuram should be separately indicated.
e)Agency Commission, if any, should be clearly indicated in the quote. The amount of commission included in the price and payable to the Indian Agent of the Contractor shall be paid directly to the Indian Agents by the Purchaser in equivalent Indian Rupees on the basis of an Invoice from him applying T.T. buying rate of exchange ruling on the date of placement of the Purchase Order and which shall not be subject to any further exchange variations. This payment will be released to the Indian Agent after the Customs Clearance, receipt, installation & commissioning (wherever necessary) and acceptance of the goods/equipment by us. The Contractor shall invoice only for the net amount payable to him, after deducting the amount of Agency Commission included in the invoice which would be paid to the Indian Agents directly by the Purchaser. However, the Contractor's invoice should separately reflect the amount of commission payable to his Indian Agent with applicable GST, if any.
f)Name and Address of the Indian Agent should be mentioned in the offer

21. Quantity (QTY) and Unit of Measure (UOM)

Quote should be as per the quantity and unit of measure mentioned the tender. If dimensional details are available, the same should also be indicated in your offer.

22. Resolution of Disputes:-
Any dispute, disagreement or question arising out of or relating to or in consequence of the contract or to its fulfillment, or the validity of enforcement thereof which cannot be settled mutually, or the settlement of which is not herein specifically provided for, shall within 30 (thirty) days from the date either party informs the other in writing that such dispute or disagreement exists be referred to arbitration by the sole arbitrator.
The Arbitrator shall be appointed As per the Indian Arbitration and Conciliation Act 1996 and proceedings will be conducted in Trivandrum. The Arbitration proceedings shall be conducted in accordance with and subject to the Arbitration and Conciliation Act 1996 (Act 26 of 1996) as amended from time to time and the decision of the Arbitrator shall be final and binding on the parties thereto. Each party shall bear its own cost of preparing and presenting its case. The cost of Arbitration including the fees and expenses of the Arbitrator shall be shared equally by the parties unless the award provides otherwise.
Subject to provisions of this clause, the courts at Kerala shall have exclusive jurisdiction.
Performance under this Contract shall, however continue during Arbitration proceeding and no payment due or payable by the parties hereto shall be withheld unless any such payment is/or forms a part of the subject matter of the Arbitration proceedings.

23. Security Deposit (SD) :- Applicable for order value above INR 50 L.

On acceptance of the order, the Contractor shall, at the option of the Purchaser and within the period specified by him, deposit with him, in cash or in any other form as the Purchaser may determine,

security deposit not exceeding three percent of the value of the Contract as the Purchaser shall specify. If the Contractor is called upon by the Purchaser to deposit,Security and the Contractor fails to provide the security within the period specified, such failure shall constitute a breach of the Contract, and the Purchaser shall be entitled to make other arrangements for the re-purchase of the stores Contracted at the risk of the Contractor in terms of Sub-Clause (ii) and (iii) of clause 15(b) hereof and/or to recover from the Contractor, damages arising from such cancellation.

24. Specifications:-

a)Stores offered should strictly conform to Purchasers specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Wherever options are called for in our specifications, the tenderer should address all such options.

b)Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to remove the samples at his own expense.

25. Taxes :-

a)For Indigenous supplies, GST intended to be claimed, should be distinctly shown separately in the tender. The applicable GST / IGST shall be clearly mentioned in your offer along with HSN code of the offered items.

b) For Import supplies, the FOB / FCA and C&F prices quoted should be inclusive of all taxes, levies, duties arising in the tenderers country along with HSN code of the offered items.

26. Training:-

The Contractor shall, if required by the Purchaser, provide facilities for the practical training of Purchasers engineering / technical personnel from India and for the active association on the manufacturing processes throughout the manufacturing period of the Contract / Stores, number of such personnel to be mutually agreed upon.

27. Option Clause : The Purchase reserves the right to increase/decrease the Ordered Quantity by up to 25% at any time, till final delivery date (or the extended delivery date of the Contract), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of delivery period (or the extended delivery period). It may please be noted that, this clause is not applicable for Development Orders.

28. LPSC shall have the right to place part order among the parties for the items for which they are the lowest.

C. Bid Templates

C.1 Technical Bid - Cable assembly for microwave power transmission

1. Cable Assembly: vacuum rated with TNC interface

Item specifications for Cable Assembly: vacuum rated with TNC interface

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Component type	Cable assembly	Yes / No / Explain		
2	Connector interface at both ends	TNC type Male Straight	Yes / No / Explain		
3	Power handling of cable at 2.5GHz at ambient condition (in W)	≥ 1000	Yes / No / Explain		
4	Power handling of cable assembly at 2.5GHz at 25 deg C in vacuum	≥ 600W	Yes / No / Explain		
5	Length	Length: 1.2 m - 1.5m	Yes / No / Explain		
6	RF frequency range of operation	≤ 1MHz to ≥ 3GHz	Yes / No / Explain		
7	Operational temperature range	≤ 10 °C to ≥ 120 °C	Yes / No / Explain		
8	Impedance	50 ohm	Yes / No / Explain		
9	Outgassing Total Mass Loss (TML)	≤ 1 %	Yes / No / Explain		
10	Outgassing Collected Volatile Condensable Material (CVCM)	≤ 0.1 %	Yes / No / Explain		
11	Venting holes	Venting holes should be present for both connectors for cable assemblies. Drawings showing venting holes of connector should be provided.	Yes / No / Explain		

12	Shielding effectiveness for cable assembly (absolute value in dB)	≥ 80	Yes / No / Explain		
13	Attenuation per m at 2.5GHz for cable (in dB)	≤ 0.35	Yes / No / Explain		
14	Minimum static bending Radius for cable assembly (in mm)	≤ 50	Yes / No / Explain		
15	Centre, outer conductor and shield for cable	Silver/Gold plated copper	Yes / No / Explain		
16	VSWR of cable and connector at 2.5GHz	<=1.3	Yes / No / Explain		
17	Durability of connector	>= 200 cycles	Yes / No / Explain		

2. Cable Assembly: vacuum rated with N interface

Item specifications for Cable Assembly: vacuum rated with N interface

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Component type	Cable assembly	Yes / No / Explain		
2	Connector interface at both ends	N type Male Straight	Yes / No / Explain		
3	Power handling of cable at 2.5GHz at ambient condition (in W)	≥ 800	Yes / No / Explain		
4	Length	Length: 1.5m	Yes / No / Explain		
5	RF frequency range of operation	≤ 1MHz to ≥ 3GHz	Yes / No / Explain		
6	Operational temperature range	≤ 10 °C to ≥ 100 °C	Yes / No / Explain		
7	Impedance	50 ohm	Yes / No / Explain		
8	Outgassing Total Mass Loss (TML)	≤ 1 %	Yes / No / Explain		
9	Outgassing Collected Volatile Condensable Material (CVCM)	≤ 0.1 %	Yes / No / Explain		

10	Venting holes	Venting holes should be present for both connectors for cable assemblies. Drawings showing venting holes of connector should be provided.	Yes / No / Explain		
11	Shielding effectiveness for cable assembly (absolute value in dB)	≥ 80	Yes / No / Explain		
12	Minimum static bending Radius for cable assembly (in mm)	≤ 70	Yes / No / Explain		
13	Attenuation of cable at 2.5GHz in dB/m	≤ 0.35	Yes / No / Explain		
14	Dielectric Withstanding Voltage	1000 V	Yes / No / Explain		
15	Insulation Resistance	5000 Mohms	Yes / No / Explain		

3. Cable Assembly: flexible with N interface length 1.0m

Item specifications for Cable Assembly: flexible with N interface length 1.0m

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Component type	Cable assembly	Yes / No / Explain		
2	Connector interface at both ends	N type Male Straight	Yes / No / Explain		
3	Power handling of cable at 2.5GHz at ambient condition (in W)	≥ 50	Yes / No / Explain		
4	Length	>=1m	Yes / No / Explain		
5	RF frequency range of operation	≤ 1MHz to ≥ 3GHz	Yes / No / Explain		
6	Operational temperature range	≤ 10 °C to ≥ 100 °C	Yes / No / Explain		
7	Impedance	50 ohm	Yes / No / Explain		

8	Shielding effectiveness for cable assembly (absolute value in dB)	≥ 80	Yes / No / Explain		
9	Minimum static bending Radius for cable assembly (in mm)	≤ 15	Yes / No / Explain		
10	Attenuation of cable at 2.5GHz in dB/m	≤ 0.8	Yes / No / Explain		
11	Accessories	N type Male center contact pin (copper alloy) which can mate with N type Female interface to be provided (Qty:4). N type Female center contact pin (copper alloy) which can mate with N type male interface to be provided (Qty:2).	Yes / No / Explain		

4. Cable Assembly: flexible with N interface length 0.25m

Item specifications for Cable Assembly: flexible with N interface length 0.25m

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Component type	Cable assembly	Yes / No / Explain		
2	Connector interface at both ends	N type Male Straight	Yes / No / Explain		
3	Power handling of cable at 2.5GHz at ambient condition (in W)	≥ 50	Yes / No / Explain		
4	Length	>=0.25m	Yes / No / Explain		
5	RF frequency range of operation	≤ 1MHz to ≥ 3GHz	Yes / No / Explain		
6	Operational temperature range	≤ 10 °C to ≥ 100 °C	Yes / No / Explain		
7	Impedance	50 ohm	Yes / No / Explain		
8	Shielding effectiveness for cable assembly (absolute value in dB)	≥ 80	Yes / No / Explain		

9	Minimum static bending Radius for cable assembly (in mm)	≤ 15	Yes / No / Explain		
10	Attenuation of cable at 2.5GHz in dB/m	≤ 0.8	Yes / No / Explain		

Common Specifications (Applicable for all items)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Payment Terms	100% payment after the delivery of the item at delivery location.	Yes / No / Explain		
2	Compliance matrix	Compliance matrix for the specification of item shall be submitted/duly filled along with the quotation.	Yes / No / Explain		
3	Local content	Local content involved shall be declared / certified in percentage.	Yes / No / Explain		
4	Part Bidding	Part Bidding is acceptable	Yes / No / Explain		
5	Part delivery	Part delivery is acceptable. Maximum number of part shipments is 2.	Yes / No / Explain		
6	Manuals	To be provided	Yes / No / Explain		
7	Catalogue	Make and model number should be provided. Product Catalogue / datasheet of the OEM should be submitted along with the quotation. Specifications should be substantiated by datasheets.	Yes / No / Explain		
8	Condition for quotation	Quotations submitted by original manufacturers (OEM) or authorized distributors of original manufacturers are only accepted for the item.	Yes / No / Explain		
9	OEM details	Authorized distributors should provide the OEM details and the Authorization letter from the OEM along with the quotation.	Yes / No / Explain		

10	Warranty	>= 1 year	Yes / No / Explain		

Supporting Documents required from Vendor

1. Datasheets, product catalogues

2. Price details with breakup

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	The items are to be supplied at LPSC, Valiamala adhering to standard packaging to avoid damage during transit.	Yes / No / Explain	
2	As per the Rule 144(xi) of General Financial Rule ,2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy service and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the competent authority ie., Department for Promotion of Industry and Internal Trade (DPIIT). Hence, Vendors or Agents of a Vendor (Indian or others) from a country sharing border with India shall submit copy of valid registration made with Department for Promotion of Industry and Internal Trade (DPIIT), Government of India along with the tender mandatorily, without which the offer will be treated as invalid.	Yes / No / Explain	
3	Whether applicable GST percentage mentioned in your offer.(We are eligible for IGST @ 5% as per Ministry of Finance, Dept. of Revenue Notification No. 09/2025 Central Tax (Rate) Schedule-I; Sl.No.462 dated 17.09.2025 (Amendment to Notification No. 25/2018 Integrated Tax (Rate) dated 31.12.2018, Notification No. 7/2018 - Integrated Tax (Rate) dated 25.01.2018 and Notification No. 1/2017 - Integrated Tax (Rate) dated 28.06.2017). (If mentioned as EXTRA OR INCLUDED in your quote, please mention the percentage in Remarks Column).	Yes / No / Explain	

4	Liquid Propulsion Systems Centre (LPSC), Valiamala is eligible for "Nil" Customs Duty under Sl No.340 of Table I of Customs Notification No.45/2025-CUSTOMS DTD. 24.10.2025. [We will provide Customs Duty Exemption Certificate for bought out items being imported for manufacturing the ordered items (List of items to be imported with quantities to be enclosed along with offer) OR for Orders placed on Foreign Vendors OR for High Sea Sale orders.]	Yes / No / Explain	
5	Delivery Term :- FOR : LPSC, VALIAMALA If "NO" specify the exact delivery term with relevant details in remarks column	Yes / No / Explain	
6	Delivery Period (If any specific delivery period is mentioned in the tender, please comply the same. If not agreed, please mention your delivery period in remarks column OR if already mentioned in your quote please mention as already furnished in the quote)	Yes / No / Explain	
7	Payment Term :- (a)100% payment shall be made through RTGS within 30 days of receipt and acceptance of the item at our site.	Yes / No / Explain	
8	Liquidated Damages (LD) :- If the ordered items are not supplied within the delivery schedule, LD shall be levied from your bill @ 0.5% per week for the undelivered items subject to a maximum of 5% of the order value for the delayed period. However in case of inordinate delay i.e, delays of more than one-fourth (25%) of the total completion period, LD shall be applicable subject to a maximum of 10%.	Yes / No / Explain	
9	Warranty :- Warranty for the offered item shall be from the date of installation/acceptance of the item at our site for a minimum period of one year or as specified in the tender document.	Yes / No / Explain	

10	Performance Bank Guarantee (PBG) :- You have to submit a PBG from a Nationalised / Scheduled Bank (from a bank of international repute incase of foreign vendors) for 3% of the order value towards the performance of the system at the time of supply valid till the completion of warranty period plus 60 days as per the format provided by the Department. OR 3% OF THE ORDER VALUE SHALL BE WITH HELD TILL THE COMPLETION OF WARRANTY PERIOD PLUS 60 DAYS.	Yes / No / Explain	
11	Insurance :- Being a Govt. Of India Dept., Insurance is not required at our cost. Please ensure the safe delivery of the ordered item with proper AIR / SEA / ROAD worthy packing.	Yes / No / Explain	
12	Validity of Offer :- (a)The validity of the offers should be 90 days (in case of single part tender) from the date of opening of the tenders. (b)The validity of the offers should be 120 days (in case two part tender) from the date of opening of the tenders. Note :- Tenders shorter than offer validity mentioned above will not be considered for evaluation.	Yes / No / Explain	
13	Bank Details, viz., Bank Name, Branch, Address, Account No., IFSC (Details to be given in Vendor Terms Column)	Yes / No / Explain	
14	PAN No. (Details to be furnished in Vendor Terms Column)	Yes / No / Explain	
15	GST No. (Details to be given in Vendor Terms Column)	Yes / No / Explain	
16	Purchase Order to be placed on whom (Please mention the Address, Phone No. & E-mail id)	Yes / No / Explain	
17	HSN Code of offered items	Yes / No / Explain	
18	Local content involved in the quoted item shall be declared/ certified in percentage.	Yes / No / Explain	
19	Furnish the details of place(s) where the value addition for the quoted item takes place.	Yes / No / Explain	

20	State whether MSE OEM or not. If yes, please provide the necessary documentary proof	Yes / No / Explain	
21	Acceptance to Part Order	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Other Costs, if any	Remark
1	Cable Assembly: vacuum rated with TNC interface	2.00 Unit		-			
2	Cable Assembly: vacuum rated with N interface	6.00 Unit		-			
3	Cable Assembly: flexible with N interface length 1.0m	5.00 Unit		-			
4	Cable Assembly: flexible with N interface length 0.25m	4.00 Unit		-			

Common charges (Applicable for all items)

Additional Costs, if any	
Additional Costs, if any (Value)	