

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
MASTER CONTROL FACILITY (MCF)  
HASSAN**

**Tender for C Band 5G Reject Band Pass Filter**

**Bids to be submitted online**

**Tender No.: MCF/PURCHASE-01/MC202600004401 dated 30-04-2026**

## A. Tender Details

Tender No : **MCF/PURCHASE-01/MC202600004401**

Tender Date : **30-04-2026**

Tender Classification: **GOODS**

Purchase Entity : **PURCHASE-01**

Centre : **MASTER CONTROL FACILITY (MCF)**

## C Band 5G Reject Band Pass Filter

1. This is an E-tender. Hence, correspondence through postal/fax/e-mail shall not be accepted.
2. Interested bidders may, at their option, login to <https://eproc.isro.gov.in/EProcInternetPortalStage/home.html.in> for registration under new vendor registration option in vendor login and submit offers. Vendor registration process and other related information is available under vendor information.
3. No Tender fees applicable.
4. Any clarification with respect to this tender shall be raised through clarification window in the portal. No e-mail enquires shall be entertained.

### A.1 Tender Schedule

Bid Submission Start Date : **05-05-2026 10:45**

Bid Clarification Due Date : **14-05-2026 14:00**

Bid Submission Due Date : **20-05-2026 16:30**

Bid Opening Date : **21-05-2026 10:00**

## **B. Tender Attachments**

### **Technical Write-up/Drawings**

#### **Document : Specifications**

### **Instructions To Vendors**

#### **1. Instructions for PT**

1. Interested bidders may, at their option, login to <https://eproc.isro.gov.in/EProcInternetPortalStage/home.html> for registration under new vendor registration option in vendor login and submit offers. Vendor registration process and other related information is available under vendor information.
2. Indian agents while quoting on behalf of their principals are requested to attach necessary authorization letter from their Principals in their bid.
3. The vendors are requested to submit the bids online at least two days prior to closing date to avoid last minute computer network related problems. Request for the extension of the due date will not be considered.
4. Our Tender Enquiry contains technical requirements and specification. The detailed technical specification of your offer should be covered in this part. The Technical documents need to be attached online as a single PDF file without any price information. The tender attachment containing Price details will be treated as unsolicited offers and rejected.
5. The Commercial Terms to be covered in the first Part are Delivery Terms (INCOTERMS in case of imports), Delivery Period, Payment Terms (without mentioning the price or amount), acceptance of Bank Charges payable outside India to the account of supplier, Whether item needs Export License, Validity of the Offer, Warranty/Guarantee, Performance Guarantee, Liquidated Damages (for delayed supplies) etc., which have to be filled up on-line.
6. The quote should indicate quantity wise unit rates separately which have to be filled online. The taxes, duties etc. are to be calculated and indicated in the column provided in online forms explicitly.
7. Once the offer is submitted in online mode by the vendor, he will not be able to provide revised offer.
8. Purchase and Stores Officer, MCF, Hassan reserves the right to accept or reject any bid in part or full without assigning any reason thereof.

9. The exact date and time of opening of price bid of successful bidders will be intimated as and when the same is scheduled.

10. The technical bid/commercial bid opening date and time indicated is tentative. There may be changes / delay due to Network / Computer Server related problems the tender opening may get delayed by one or two days.

11. In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM themselves can bid. But both cannot bid simultaneously for the same item/product in the same tender.

12. Suppliers can contact Master Control Facility with Tender Number for pre-bid technical discussions if required. They can contact through email [psopurchase@mcf.gov.in](mailto:psopurchase@mcf.gov.in) or telephone 91 08172 273594 well in advance before due date.

13. TENDER DOCUMENT FEE IS NOT APPLICABLE FOR TENDER DOWNLOAD

## **2. TERMS AND CONDITIONS**

1. Quotation should be submitted online through portal only well before last date of submission.

2. Price quoted should be on the basis of FOR ..... 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.

3. Quotation should be valid for at least 60 days from the date of opening of the tender.

4. 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 not later than the date specified therein, and failure to do so, without adequate justification, may involve cancellation of the Contract at the discretion of the Purchaser.

5. (a) Prices are required to be quoted according to the units indicated in the price bid. 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.

(b) Corrections, if any, in the quotation must be attested. All amounts shall be indicated both in words as well as in figures. When there is difference between the amount quoted in words and figures, the amount quoted in words shall prevail.

6. The Purchaser reserves the right to accept or reject any quotation fully or partly without assigning

any reason therefore.

7. Payment terms are full payment within 30 days from the date of receipt and acceptance of material ordered. Our Bankers are State Bank of India, B M Road, Hassan - 573201.

8. Where counter terms and conditions/printed or cyclostyled conditions of sale have been offered by the tenders, the same shall not be deemed to have been accepted by the Purchaser unless the Purchaser's specific written acceptance thereof is obtained.

9. SPECIFICATIONS: Stores offered should strictly conform to Purchaser's specifications. Deviations, if any, shall be clearly indicated by the bidder in his quotation. The bidder should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotation. Test certificate, wherever necessary, should be forwarded along with supplies. Wherever options are called for in our specifications, the bidder should address all such options, wherever specifically mentioned by us, and the bidder could suggest changes to specifications with appropriate response for the same. Even in such case, the bidder should state why he cannot meet our specification/s and why he is suggesting the change.

10. Taxes and/or other duties/levies legally leviable and intended to be claimed should be distinctly shown in the relevant fields of Price Bid.

11. GUARANTEE: The stores offered should be guaranteed for a minimum period of twelve months against defective stores design, operation or manufacture. For defects noticed during the guarantee period, replacement/repair should be arranged free of cost within a reasonable period of such notification. In cases where our specifications call for a guarantee period more than 12 months specifically, then such a period shall apply.

12. The Contractor shall at all times indemnify the Purchaser against all claims which may be in respect of the stores for infringement of any right protected by Patent, Registration or design or Trade Mark and shall take all risks of accidents or damage which may cause a failure of the supply from whatever causes arising and the entire responsibility for the sufficiency of all means used by him for the fulfilment of the Contract.

13. ARBITRATION: In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in

Bengaluru in the Arbitration and Conciliation Centre - Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be "English" only. Work under the Contract shall be continued by the CONTRACTOR during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the DEPARTMENT or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained.

14. Successful bidder will have to furnish in the form of a Bank Guarantee or in any other form as called for by the Purchaser towards adequate security for the materials/property provided by the purchaser for the due execution for the Contract.

15. **PACKING AND FORWARDING:** The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air, 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 to the Contractor.

16. PO will be placed on technically and commercially suitable lowest offer basis and MCF reserve the right to split the order on L-1 basis.

### **3. GFR Compliance to Rule 144 (xi)**

1. As per Rule 144(xi) of General Financial Rules, 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 services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority (i.e., Department for Promotion of Industry and Internal Trade) in line with Order (Public Procurement No. 1, 2 and 3) dated 23/07/2020 and 24/07/2020 or any amendments thereon issued by the Public Procurement Division, Department of Expenditure, Ministry of Finance. Hence, Vendors or Agents of a Vendor (Indian or Others) from a country sharing land border with India shall submit the copy of Valid Registration made with DPIIT along with the tender mandatorily, without which the offer will be treated as invalid.

2. Clauses pertaining to GFR 144(xi):

I. 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 services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority.

II. Bidder (including the term tenderer, consultant or service provider in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any

of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.

III. Bidder (or entity) from a country which shares a land border with India for the purpose of this Order means:

- (a) An entity incorporated, established or registered in such a country; or
- (b) A subsidiary of an entity incorporated, established or registered in such a country; or
- (c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
- (d) An entity whose beneficial owner is situated in such a country; or
- (e) An Indian (or other) agent of such an entity; or
- (f) A natural person who is a citizen of such a country; or
- (g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

IV. The beneficial owner for the purpose of (iii) above will be as under:

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation-

a. Controlling ownership interest means ownership of or entitlement to more than twenty-five per cent. Or shares or capital or profits of the company:

b. Control shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;

2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

3. In case of an unincorporated association or body of individual, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

VI. [To be inserted in tenders for Works contracts, including Turnkey contracts] The successful bidder shall not be allowed to sub contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

VII. The registration shall be valid at the time of submission of bid and at the time of acceptance of bid.

VIII. If the bidder was validly registered at the time of acceptance/placement of order, registration shall not be a relevant consideration during contract execution.

3. Model Certificate:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached].

4. Model Certificates for Work involving possibility of sub-contacting:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contracting from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contract form such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached].

5. Provide Compliance for the above in Vendor Specified Commercial Terms.

## C. Bid Templates

### C.1 Technical Bid - C Band 5G Reject Band Pass Filter

#### 1. RF Filters

#### C Band 5G Reject Band Pass Filter

#### Item specifications for RF Filters

#### C Band 5G Reject Band Pass Filter

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Passband Frequency	3625 to 4200 MHz	Yes / No / Explain		
2	VSWR	1.5:1 or better	Yes / No / Explain		
3	Insertion Loss	0.5 dB Max.	Yes / No / Explain		
4	Group Delay	< 2ns	Yes / No / Explain		
5	Impedance	50Ohm	Yes / No / Explain		
6	Rejection	25dB min @ 3555 MHz & 4300MHZ 60dB Min @ 3.475GHz & 4.55GHz 70dB Min @ 3.425GHz & 4.65GHz	Yes / No / Explain		
7	Waveguide Interface Input Waveguide interface output	WR-229G WR-229F	Yes / No / Explain		

#### Supporting Documents required from Vendor

##### 1. compliance

##### 2. Bill of Materials

##### 3. Datasheet

#### **4. Self declaration in compliance to GFR Rule No. 144(xi)**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Indicate applicable percentage (%) of GST or statutory duties (Mention if taxes are inclusive or exclusive explicitly. If nothing is mentioned, it will be considered as inclusive).	Yes / No / Explain	
2	Delivery Period (Indicate firm delivery period of 90 days from the date of award of PO/Contract considering all aspects).	Yes / No / Explain	
3	Delivery Term: (1) For indigenous supplies - F.O.R. MCF, Hassan	Yes / No / Explain	
4	P&F/ Freight or any additional charges (if any) with justification and breakup of statutory charges (taxes/duties)	Yes / No / Explain	
5	Payment Term: Kindly confirm 100% payment within 30 days from the date of receipt & acceptance of materials/items or services at our site.	Yes / No / Explain	
6	The validity of Tender is 90 days (in case One part) or 120-150 days (Two-part tender) from the date of opening of the tender. Validity below this time frame is invalid.	Yes / No / Explain	
7	Currency quoted	Yes / No / Explain	
8	Provide compliance to Rule No. 144 (xi) of GFR, 2017 (Mandatory to submit Self declaration as per Model Certificate with mention of Country of Origin in Clause No. 5. of GFR Compliance to Rule 144 (xi) in Tender Document-if applicable)	Yes / No / Explain	
9	Provide compliance for Performance Bank Guarantee (PBG) as per Tender Terms & Conditions	Yes / No / Explain	
10	Warranty / Guarantee Period (Provide compliance as per Specifications/Tender T&C)	Yes / No / Explain	
11	Indicate Unique GeM Seller ID	Yes / No / Explain	
12	Order to be placed on (Provide complete name and address as per registered E-procurement portal address. In case of other address update the same in the portal before bid submission.)	Yes / No / Explain	

13	Liquidated Damages: The time for and the date of delivery of the stores stipulated in Purchase Order shall be the essence of the Contract and delivery must be completed on or before the specified dates. 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 to recover from the Contractor as agreed liquidated damages and not by the 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 maximum of 10%.	Yes / No / Explain	
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14	<p>Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises Order 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders or Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer or OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L1 is not an MSE and MSE Seller have quoted price within L1 plus 15 percentage of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L1 price and contract will be awarded for 25 percentage of total quantity. The buyers are advised to refer the OM No. F1-4-2021-PPD dated 18.05.2023 OM No.1-4-2021PPD dated 18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement-Preference to Make in India Order, 2017. Benefits of MSE will be allowed only if seller is validated Udyam profile as well as validated and approved by Buyer after evaluation of documents submitted.</p>	Yes / No / Explain	
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15	<p>Dispute resolution between the buyer and the seller / service provider:  In the event of any conflict or dispute arising out of or in connection with the Contract placed through EGPS, the Parties shall endeavour to settle such disputes amicably. If a dispute is not resolved within 30 (thirty) days after a written notice of any dispute by one Party to the other, the same shall then be resolved through the mechanism of a Dispute Resolution Committee. This Dispute Resolution Committee shall comprise of representatives of both the Buyer and the Seller / Service Provider and shall be chaired by the Procuring entity or any other person as authorized by the Procuring entity.</p> <p>If the Dispute Resolution Committee is not able to resolve the matter within 30(thirty) days of its formation, the dispute shall be dealt with in accordance to ?Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement? issued by Department of Expenditure via OM No. F.1/2/2024-PPD dated 03.06.2024, as amended from time to time.</p> <p>The Contract shall be interpreted and governed in all respects in accordance with the laws of India. All disputes in connection with or arising out of the Contract, shall be subject to the exclusive jurisdiction of the Court within the local limits of whose jurisdiction principal place of business of the Buyer department / organization is located.</p>	Yes / No / Explain	
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16	Force Majeure : Should a part or whole of items covered by this Purchase Order be delayed in delivery due to reasons of force majeure (in the States of Karnataka and, if affecting this Order, in any other part of India), which shall include lockouts, strikes, riots, civil commotions, fire, accident, acts of God and war, stoppage of deliveries by Governments, refusal for or non-receipt of import license for raw materials, non-availability and/or delay in receipt of raw material from the DEPARTMENT, the delivery periods referred to in this Order shall be extended by a period (s) not in excess of duration of such force majeure. Both parties undertake to advise each other within 15 days one becomes aware of the circumstances of such force majeure, so that action under the provisions of this Order can be mutually reviewed and agreed upon between the Supplier and the Department.	Yes / No / Explain	
17	Prices shall be fixed and firmed.	Yes / No / Explain	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Packing and Forwarding Charges	Customs Duties	Freight Charges	Remark
1	RF Filters C Band 5G Reject Band Pass Filter	4.00 Nos.		-					

### Common charges (Applicable for all items)

Other Charges (if any, provide details in remarks)	
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