

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

Tender for Hiring of TTC Network Stations Support for TDS-01 mission of ISRO, for TOSS & Electric Orbit Raising operations.

Bids to be submitted online

Tender No.: MCF/PURCHASE-01/MC202200013801 dated 18-11-2022

A. Tender Details

Tender No : **MCF/PURCHASE-01/MC202200013801**

Tender Date : **18-11-2022**

Tender Classification: **SERVICES**

Purchase Entity : **PURCHASE-01**

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

Hiring of TTC Network Stations Support for TDS-01 mission of ISRO, for TOSS & Electric Orbit Raising Operations.

1. This is an E-tender. Hence, correspondence through postal/fax/e-mail shall not be accepted.
2. No Tender fees applicable.
3. Any clarification with respect to this tender shall be raised through clarification window in the portal. No e-mail enquires shall be entertained.
4. Vendors shall submit request to attend pre-bid meeting through portal on or before bid clarification due date.

A.1 Tender Schedule

Tender Publish Date : **18-11-2022 11:00**

Bid Clarification Due Date : **28-11-2022 14:00**

Bid Submission Start Date : **02-12-2022 16:00**

Bid Submission Due Date : **15-12-2022 16:00**

Bid Opening Date : **16-12-2022 10:00**

Price Bid Opening Date : **27-12-2022 10:00**

A.2 Pre-bid Meeting Details

Date : 28-11-2022 10:00

Place : MASTER CONTROL FACILITY (MCF), HASSAN - 573201

Location : Master Control Facility, PB 66, Salgame Road, Hassan-573201

Centre : MASTER CONTROL FACILITY (MCF), HASSAN, KARNATAKA

Details :

In order to provide a better understanding of the RFP, it is proposed to have a pre-bid meeting with the bidders either at MCF-Hassan or through video-conferencing. Attending Pre-bid meeting is mandatory for all the bidders. If any bidder is not participating in Pre-bid meeting, their offer shall be rejected.

In case of video-conferencing mode, the link will be shared through clarification window on the portal. It is Bidders responsibility to communicate request for participation in the pre-bid meeting through tender clarification window on the portal along with tender related clarifications required, which will be addressed during the pre-bid meeting and details of the officials authorized to participate in the pre-bid meet. Requests received for participation in the pre-bid meeting through portal shall only be allowed to participate in the pre-bid meet and link for video-conference shared through the portal clarification window. During the course of the pre-bid meeting any new clarifications, other than communicated earlier through the portal shall also be entertained. No clarification on the Tender shall be entertained beyond Pre-Bid meeting.

Refer to the schedule of Tender regarding pre-bid meeting.

B. Tender Attachments

Technical Write-up/Drawings

Document : TDS-01 TOSS & EOR specification(RFP)-Annexure-1

Document : TDS-01 TOSS & EOR format of Technical compliance statement- Annexure-3

Document : SOW Format of Technical CST Annexure-4

Document : Statement of Work(SOW) for TOSS- Annexure-2

Instructions To Vendors

5. 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.

2.

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.

3. Model Certificate for Tenders:

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.

4. Model Certificates for Tenders 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.

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

6. Instruction on Two-Part Tender

1. All information in Vendor Specified Terms shall be provided without fail to avoid unnecessary correspondence / delay in process. The same should reach before technical bid opening date and time without fail.

2. This is two-part tender. Please do not attach price details in pdf or in any other form along with technical bid. If the same is attached, the offer shall be rejected.

7. Instructions for PT

1. 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.

2. Indian agents while quoting on behalf of their principals are requested to attach necessary authorization letter from their Principals in their bid.

3. Interested tenderers may, at their option, login to <https://eproc.isro.gov.in/EProInternetPortalStage/home.html.in> and submit offers.

4. Once the offer is submitted in online mode by the vendor, he will not be able to provide revised offer.

5. 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.

6. Purchase and Stores Officer, MCF, Hassan reserves the right to accept or reject any bid in part or full without assigning any reason thereof.

7. 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 or telephone +91 08172 273594 well in advance before due date.

8. TENDER DOCUMENT FEE IS NOT APPLICABLE FOR TENDER DOWNLOAD.

9. 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.

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

11. The quote should indicate quantity wise unit rates separately which have to be filled online. The Prices are to be mentioned both in figures as well as in words. The taxes, duties etc. are to be calculated and indicated in the column provided in online forms explicitly.

12. 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.

13. 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.

8. Instructions to Tenderes

1. The Tenderers should submit quotations through E-procurement complete in all respects with technical specifications, including pamphlets and catalogues.

2. The prices quoted should be inclusive of all taxes, levies, duties arising in the tenderers country.

3. The minimum validity of the tender shall be as follows:

a) Public Tender (Two Part) - 120 days from the date of Tender Opening.

4. The authority of person signing the tender, if called for, shall be produced.

5. The Purchaser reserves the right to accept or reject the lowest or any offer in whole or part without assigning any reason

6. Prices are required to be quoted according to the units indicated. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

7. Corrections, if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

8. TERMS AND CONDITIONS OF TENDER

9. DEFINITIONS

a)The term Purchaser shall mean the President of India or his successors or assigns.

b)The term Contractor shall mean, the person, firm or company with whom or with which the order for the supply of stores is placed and shall be deemed to include the Contractors successors, representative, heirs, executors and administrators unless excluded by the Contract.

c)The term Purchase Order shall mean the communication signed on behalf of the Purchaser by an officer duly authorised intimating the acceptance on behalf of the Purchaser on the terms and conditions mentioned or referred to in the said communication accepting the Tender or offer of the Contractor.

10. PRICES

Tender 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.

11. BANK CHARGES

While the purchaser shall bear the bank charge payable to his Bankers (State Bank of India), the Contractor shall bear the Bank charges payable to his Bankers including the cheques towards advising amendment commissions.

12. SECURITY DEPOSIT

Security Deposit of 03% of total contract/order value is to submitted within 15 days in the form of Bank Guarantee (BG) from the date of signing of contract/award of PO. Security Deposit shall be valid during contract period.

13. ARBITRATION

If at any time any question, dispute or difference whatsoever shall arise between the purchaser and the

Contractor upon or in connection with this Contract, either party may forthwith give to the other notice in writing of the existence of such question, dispute or difference and the same shall be referred to the adjudication of two arbitrators, one to be nominated by purchaser, other by a Contractor and in the event of any difference of opinion, the arbitrators will refer the matter to the umpire. The arbitration shall be conducted in accordance with the rules and procedure for arbitration of the International Chamber of Commerce at Paris. The expenses of the arbitrators and umpire shall be paid as may be determined by them. However, the venue of such arbitration should be in India.

14. COUNTER TERMS AND CONDITIONS OF SUPPLIERS

Where counter terms and conditions printed or cyclostyled conditions have 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.

15. 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.

16. APPLICABLE LAW

The Contract shall be interpreted, construed and governed by the laws of India.

C. Bid Templates

C.1 Technical Bid - Hiring of TTC Network Stations Support for TDS-01 mission of ISRO, for TOSS & Electric Orbit Raising operations.

1. Transfer Orbit Support Services(TOSS) for TDS-01 NRC charges for antenna in European region

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

2. Transfer Orbit Support Services(TOSS) for TDS-01 NRC charges for antenna-1 in American region

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

3. Transfer Orbit Support Services(TOSS) for TDS-01 NRC charges for antenna-2 in American region

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

4. Transfer Orbit Support Services(TOSS) for TDS-01 during initial/ critical phase for one antenna in European region

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

5. Transfer Orbit Support Services(TOSS) for TDS-01 during initial/ critical phase for one antenna in American region**Item specifications for Transfer Orbit Support Services(TOSS)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

6. Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for one antenna in European region (4 hrs support)**Item specifications for Transfer Orbit Support Services(TOSS)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

7. Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for one antenna in European region (>10 hrs support)**Item specifications for Transfer Orbit Support Services(TOSS)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

8. Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-1 in American region (4 hrs support)

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

9. Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-1 in American region (>10 hrs support)

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

10. Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-2 in American region (4 hrs support)

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

11. Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-2 in American region (>10 hrs support)

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		
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12. Transfer Orbit Support Services(TOSS) Program management fee for TDS-01 TOSS (one time charge per mission)

Item specifications for Transfer Orbit Support Services(TOSS)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Hiring of external stations support for ISROs GSO missions during LEOP as per RFP		-		

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	C-band Network support	Refer annexure-1	Yes / No / Explain		
2	1.1 Support requirement	Refer annexure-1	Yes / No / Explain		
3	1.2 Overall Mission Support Requirement	Refer annexure-1	Yes / No / Explain		
4	1.3 Interfaces	Refer annexure-1	Yes / No / Explain		
5	1.4 Telemetry	Refer annexure-1	Yes / No / Explain		
6	1.5 Telecommand	Refer annexure-1	Yes / No / Explain		
7	1.6 Ranging	Refer annexure-1	Yes / No / Explain		
8	1.7 Tracking	Refer annexure-1	Yes / No / Explain		
9	1.8 Ground system requirements	Refer annexure-1	Yes / No / Explain		
10	section 1.9, 1.10 & 1.11	Refer annexure-1	Yes / No / Explain		

11	1.12 Documents to be provided along with Quotation	Refer annexure-1	Yes / No / Explain		
12	1.13 Activities during TOSS support of the mission	Refer annexure-1	Yes / No / Explain		
13	Statement of Work (SOW)	Refer annexure-3	Yes / No / Explain		
14	Compliance for Statement of Work to be provided	Refer annexure-4	Yes / No / Explain		

Supporting Documents required from Vendor

- 1. Service provider's company profile/brochure, experience details**
- 2. Compliance statement for Statement of Work**
- 3. Station RF & Baseband Configuration, drawing, capability & specifications**
- 4. Interface Control document**
- 5. BBU & Converter settings**
- 6. NCC configuration**
- 7. IP address, LAN/WAN diagram**
- 8. Technical compliance statement for indent specifications**

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 Taxes and/or Duties (Extra/Inclusive).	Yes / No / Explain	
2	Delivery Term: (1) F.O.R. MCF, Hassan (Ref. place of delivery) - for indigenous supplies. (2) In case of Supply, Installation & commissioning, Quote shall be on FOR-Destination basis only.	Yes / No / Explain	
3	Payment Term (Provide compliance as per Tender T&C)	Yes / No / Explain	
4	Validity of Tender (Provide compliance as per Tender instruction)	Yes / No / Explain	
5	Delivery Period (Indicate firm delivery period from the date of award of PO/Contract).	-	
6	Currency quoted	Yes / No / Explain	
7	Principal(s) Name, address, contact details like telephone no., fax, email etc.	-	
8	Provide compliance to Security Deposit as per Tender Terms & Conditions.	Yes / No / Explain	
9	Indian agent(s) Name, address, contact details like telephone no., fax, email etc.	-	
10	Order to be placed on (Provide complete name and address)	-	
11	Provide Compliance for Rule 144 (xi) of GFR, 2017 (Refer General Instructions)	Yes / No / Explain	
12	MCF UIN No. 2918IND00020ONS. Indicate your GSTIN.	Yes / No / Explain	
13	Any other terms (Restrict to Commercial Terms)	-	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Packing and Forwarding Charges	Customs Duties	Freight Charges	Remark
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1	Transfer Orbit Support Services(TOSS) for TDS-01 NRC charges for antenna in European region	1.00 Nos.								
2	Transfer Orbit Support Services(TOSS) for TDS-01 NRC charges for antenna-1 in American region	1.00 Nos.								
3	Transfer Orbit Support Services(TOSS) for TDS-01 NRC charges for antenna-2 in American region	1.00 Nos.								
4	Transfer Orbit Support Services(TOSS) for TDS-01 during initial/critical phase for one antenna in European region	15.00 Days								

5	Transfer Orbit Support Services(TOSS) for TDS-01 during initial/ critical phase for one antenna in American region	15.00 Days		-					
6	Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for one antenna in European region (4 hrs support)	57.00 Days		-					
7	Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for one antenna in European region (>10 hrs support)	23.00 Days		-					

8	Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-1 in American region (4 hrs support)	29.00 Days		-					
9	Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-1 in American region (>10 hrs support)	23.00 Days		-					
10	Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-2 in American region (4 hrs support)	29.00 Days		-					
11	Transfer Orbit Support Services(TOSS) for TDS-01 during EOR phase for antenna-2 in American region (>10 hrs support)	23.00 Days		-					

12	Transfer Orbit Support Services(TOSS) Program management fee for TDS-01 TOSS (one time charge per mission)	1.00 Nos.		-					
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Common charges (Applicable for all items)

Other Charges (if any, provide details in remarks)	
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