GOVERNMENT OF INDIA: DEPARTMENT OF SPACE  
SATISH DHAWAN SPACE CENTER SHAR:: SRIHARIKOTA – 524 124  
SRI POTTI SREE RAMULU NELORE DISTRICT (A.P)  

TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/RO/10/2020-2021  

On behalf of President of India, Sr. Head Purchase and Stores, SDSC SHAR, SRIHARIKOTA invites on line quotations for the following.

<table>
<thead>
<tr>
<th>SI No.</th>
<th>Ref. No.</th>
<th>Description</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>SHAR RO 2020 0 13065 E-Procurement [Two Part basis]</td>
<td>Supply, Configuration, Installation and Commissioning of Digital Matrix Intercom System</td>
<td>Lumpsum</td>
</tr>
<tr>
<td>02</td>
<td>SHAR RO 2020 0 13375 E-Procurement [Two Part basis]</td>
<td>Supply and Commissioning of Micro-Wave Radiometer at Atmospheric &amp; Space Research Facility, Chandipur</td>
<td>1 No</td>
</tr>
</tbody>
</table>

Note: EMD is not applicable. Please ignore Clause No. 6 of RFP.

Last Date for downloading of tender documents : 15.09.2020 at 16:00 hrs.
Due Date for submission of bids online : 15.09.2020 at 16:00 hrs.
Due Date for Bid Sealing on : 15.09.2020 at 16:01 hrs. to 15.09.2020 at 17.30 hrs.
Due Date for Open Authorization : 15.09.2020 at 17.31 hrs. to 17.09.2020 at 17:00 hrs.
Due Date for opening of tenders : 18.09.2020 at 14:30 hrs.

Instructions to Tenderers:

Bids shall be submitted on line through EGPS only and No tender fee shall be applicable.

01. For full details/scope of work and terms and conditions etc., please see the enclosed annexures.

02. Interested tenderers can download the e-tender from ISRO e-procurement website https://eprocure.isro.gov.in and submit the offer on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be considered.

03. Tender documents are also available on ISRO website www.isro.gov.in ISRO e-procurement website https://eprocure.isro.gov.in and SDSC SHAR, Sriharikota website www.shar.gov.in. The same can be downloaded and offer submitted on line in the e-procurement portal only.

04. Quotations received after the due date/time will not be considered.

05. The tender documents are available for download upto 15.09.2020 at 1600 hrs. and last date for submission of tenders on line 15.09.2020 at 1600 hrs. and Tender Opening on 18.09.2020 at 14:30 hrs.

06. Interested vendors can attend the Bid opening sessions to know the details. Presence not mandatory to consider the quote for evaluation.

07. Sr. Head, Purchase and Stores, SDSC-SHAR, Sriharikota reserves the right to accept or reject any/or all the quotations.

DT: 10.08.2020  
Sr. HEAD PURCHASE AND STORES
REQUEST FOR PROPOSAL (RFP)

Supply and Commissioning of Micro-Wave Radiometer at Atmospheric & Space Research Facility, Chandipur

Satish Dhawan Space Centre SHAR
Indian Space Research Organization
Sriharikota -524 124, A.P.
PROPOSAL DOCUMENT, CLARIFICATION AND ADDENDUM

The document is organized in three sections as follows.

PART-A  Terms and Conditions of the Contract
PART-B  Technical Specifications & Scope of work
PART-C  Annexures
PART-A: Terms and Conditions of the Contract

INTRODUCTION

Satish Dhawan Space Centre SHAR (SDSC SHAR), Sriharikota, the spaceport of India, is one of the lead centres of Indian Space Research Organization (ISRO), Department of Space (DOS), Government of India. The centre has planned to establish a Micro-wave Radiometer at Atmospheric and Space Research Facility, Chandipur, Balasore Odisha, India. This document is the request for proposal for supplying and commissioning of Micro-wave Radiometer.

I. ARRANGEMENT OF BID

Proposals are invited from the vendors for the enclosed scope of work in two-part bid.

- Part-1 Techno-commercial Bid;
- Part-2 Price bid.

Part-I – Techno-commercial Bid

This part shall contain only the technical details and specifications together with the technical catalogues. All commercial conditions shall also be indicated in this part. Deviations, if any, to SHAR’s specifications shall be brought out very clearly. Vendors shall mention point-wise confirmation with regard to Technical Specifications given in Enquiry. **No price details shall be mentioned in this bid and the vendors should not upload the details of price along with the techno-commercial bid.**

Part-II – Price Bid

In view of Two-Part Tender, the offers submitted contrary to above instructions will be summarily rejected.

1. PROPOSAL DOCUMENT

   a. Bidder shall sign and stamp each page of proposal as token of his acceptance and submit along with his offer.

   b. The proposal shall be completely filled in all respects and shall be tendered together with requisite information and Annexures. Any offer incomplete in any particulars is liable to be rejected.

   c. The Proposal shall be opened on the date and on the time specified in the Letter Inviting Bid or as soon thereafter as convenient. Proposal not received in time shall not be considered.

   d. ADDENDA/CORRIGENDA

      Addenda/corrigenda to the tender document may be issued by SDSC SHAR prior to the date of opening of the tenders to clarify or reflect modifications in the contract terms and conditions.

   e. Such addendum/corrigenda will be distributed to each firm or person who had purchased the tender documents.
f. AMBIGUITY

Should there be any ambiguity or doubt as to the meaning of any of the tender clause/condition or if any further information is required, the matter shall be immediately brought to the notice of Head, Purchase & Stores and SDSC SHAR in writing.

2. PREPARATION OF BIDS
   a. Site Visit

Bidder is advised to visit and examine the site and its surrounding to familiarize himself of the existing facilities and environment and shall collect all other information which he may require for preparing and submitting the Bid and entering into the contract. Claims and objections due to ignorance of existing conditions or inadequacy of information will not be considered after submission of the Bid and during implementation.

b. Validity of Offer

Bid shall remain valid for acceptance for a minimum period of 4 (four) months from the due date of submission of the Bid. The Bidder shall not be entitled during the said period to revoke or revise his Bid or to vary the Bid except and to the extent required by SDSC SHAR in writing. Bid shall be revalidated for extended period as required by SDSC SHAR in writing. In such cases, unless otherwise specified, it is understood that validity is sought and provided without varying either the quoted price or any other terms & conditions of Bid finalized till that time.

c. Cost of Bidding

All direct and indirect costs associated with the preparation and submission of Bid (including clarification meetings and site visit, if any), shall be to Bidder's account and the Department will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bid process.

d. Applicable Language

The Bid and all correspondence incidental to and concerning the Bid shall be in the English Language. For supporting document and printing literature submitted in any other language, an accurate English Translation shall also be submitted. Responsibility for correctness in translation shall lie with the Bidder.

e. Arrangement of Bid

- The Bid shall be neatly presented on white paper with consecutively numbered pages. It should not contain any terms and conditions which are not applicable to the Bid.
- The Bid and all details submitted by the Bidder shall be signed and stamped on each page as token of acceptance by a person, legally authorised to enter into agreement on behalf of the Bidder. Corrections/ alteration, if any, shall also be signed by the same person. Bidder shall submit Power of Attorney in favour of the person who signs the Bid and subsequent submissions on behalf of the Bidder.
- Department will not be bound by any Power of Attorney granted by the Bidder or changes in the constitution of the firm made subsequent to submission of the Bid or after the award of the contract. He may, however,
recognize such Power of Attorney and changes after obtaining proper legal advice, the cost of which will be borne by the Bidder.

- The cancellation of any document such as Power of Attorney, partnership Deed etc. should be communicated by the Bidder to the Department in writing well ahead in time, failing which department shall have no responsibility or liability for any action taken by Bidder on the strength of the said documents.

- Should the Bidder have a relative or relatives or in the case of firm or company one or more of its shareholders or a relative or relatives of the shareholder(s) employed in a senior capacity in Department's organisation, the authority inviting Bids shall be informed of the fact at the time of submission of the Bid, failing which the Bid may be disqualified or, if such fact subsequently comes to light, Department reserves the right to take any other action as it deems fit in accordance with any applicable Law, Rules, Regulations of the like in force for the time being.

3. Documents Comprising the Bid

Bids shall be arranged in the following order.

a. Part – I Technical and Unpriced Commercial Part

- The Bid and all details submitted by the Bidder shall be signed and stamped on each page as token of acceptance by a person who is legally authorised to enter into agreement on behalf of the Bidder. All the annexures enclosed in the proposal is to be duly filled, signed and sealed along with the bid.

- Unpriced copy of schedule of prices with all other commercial terms and conditions duly filled (Prices to be kept blank), signed and stamped.

- Data sheets for all the Hardware & checklists enclosed in proposal duly filled, signed, & stamped.

- Technical details, equipment general arrangement drawings with part list, catalogue, layout drawings, P & I diagram, catalogues etc as applicable and any other drawing, document as mentioned in the proposal.

- Audited balance sheet including profit and loss account for last three financial years showing annual turnover.

- Copy of the Income Tax returns filed for assessment years 2016-17, 2017-18 & 2018-19

- Solvency certificate for the current Financial Year 2020-21 from a scheduled bank for a value not less than Rs. 75 Lakhs

- List of projects in hand & completed during last 3 financial year indicating the name of client, contract person, contract value, nature of work, work completed, work balance, name of Consultant, month & year of commencement & completion etc.

- Organisation chart for the proposed work with bio data of key personnel.

- Execution Plan.

- Any other relevant document, bidder desires to submit.
b. Part – II PriceBid
   - Pricebid shall contain schedule of prices duly filled in, signed and stamped. No deviations, terms and conditions, assumptions, conditions, discounts etc. shall be stipulated in the price bid. Department will not take cognizance of any such statement and may at their will reject such bids.

4. MINIMUM CRITERIA FOR QUALIFICATION

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<th>Sl. No</th>
<th>CRITERIA</th>
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| **4.1.** | Should have at least 3 Years’ experience in the field of Design, Fabrication, Integration, Testing, Supply and Commissioning of Micro-wave radiometer with Azimuth positioner. Firm should provide the following details to confirm the above criteria: 
   a) Single Purchase Order of similar Items supplied within last 3 years for a value of at least 150 lakhs. (or) 
   b) Two Purchase Orders of similar Items supplied within last 3 years for a value of at least 110 lakhs each. (or) 
   c) Three Purchase Orders of similar Items supplied within last 3 years for a value of at least 70 lakhs each. |
| **4.2.** | Vendor should have installed & commissioned minimum 2 Micro-wave radiometers with Azimuth positioner. Vendor should provide reference of these projects undertaken, user certificate and PO copies of the same. |
| **4.3.** | The Vendor should have a minimum Turnover of Rs. 2.30 Crores in a financial year for the last 3 years and the same documents (Balance Sheets or Profit & Loss statements) should be provided. |
| **4.4.** | Copies of the completion certificate/performance certificate and one reference for contact from your client organisation shall be furnished. Department reserve right inspect the client’s site for validation/verification. |
| **4.5.** | Vendor shall submit other information in the enclosed bidder evaluation format. The bid submitted without the evaluation format will not be considered for evaluation. |

*if YES please support with valid documents as proof.
5. DETERMINATION OF RESPONSIVENESS

The tender which does not satisfy the pre-qualification criteria as mentioned in above section shall summarily be rejected and shall not be considered for further evaluation. SDSC SHAR will scrutinize tenders to determine whether the tender is substantially responsive to the requirements of the tender documents. For the purpose of this clause, a substantially responsive tender is one which inter-alia conforms to all the terms and conditions of the entire Tender document without any deviations and reservations. The decision of SDSC SHAR shall be final in this regard.

6. EARNEST MONEY DEPOSIT (EMD)/BID SECURITY

a. The renderer has to submit an Earnest Money Deposit (EMD) for Rs.5,00,000.00 in a single instalment through Demand Draft (DD)/Banker’s Cheque/ Fixed Deposit Receipts or Bank Guarantee from any of the Scheduled Banks executed on non-judicial stamp paper of appropriate value. In case of Bank Guarantee, it shall be valid for a period of 45 days beyond the final tender validity date. It shall be taken in favour of Sr. Accounts Officer, SDSC SHAR payable at State Bank of India, Sriharikota branch. Any tender not accompanied with EMD shall be treated as invalid tender and rejected.

b. Foreign vendors, registered vendors or vendors who have already applied for renewal of registration, Central PSUs/PSEs/Autonomous Bodies, Micro and Small Enterprises, KVIC, National Small Industries Corporation, etc., shall be exempt from the payment of EMD. Vendors seeking exemption from payment of EMD shall submit necessary documentary proof.

c. EMD of a vendor shall be forfeited if the tenderer/Contractor withdraws or amends his tender or deviates from the tender in any respect within the period of validity of the tender. Failure to furnish security deposit/performance bond by a successful vendor within the specified period shall also result in forfeiture of EMD.

d. EMD shall be refunded to all the unsuccessful vendors within thirty days after placement of the Purchase Order. EMD shall be refunded to the successful tenderer/Contractor after payment of the Security Deposit or may be adjusted against the Security Deposit. EMD shall be refunded to all the participants in cases where the tender is cancelled or withdrawn by the Centre/Unit, within thirty days from the date of such cancellation or withdrawal.

7. BID SUBMISSION

Bids duly filled in by the Bidder should invariably be submitted as stipulated in the Letter inviting bid.

Part – I Techno-Commercial Part of the Bid for the Work
Part – II Price Part of the Bid for the Work

a. Pre bid meeting will be arranged for all the vendors before submitting the offer.

b. Department will open Technical & Commercial bid on the due date of opening. Price bid (Part-II) of technically and commercially acceptable offers shall be opened at a later date.

c. Department reserves the right to reject any or all the bids without assigning any reasons thereof.
d. Break up cost for each supply, commissioning and yearly breakup of 5 years CAMC after warranty should be clearly mentioned in the price bid of the tender.

8. BID EVALUATION

a. During evaluation, Department may request Bidder for any clarification on the bid and additional documents.

b. Techno-commercial discussion shall be arranged with the Bidder, if needed. Bidder shall depute his authorised representatives for attending discussions. The representatives attending the discussions shall produce authorization from his organisation to attend the discussion and sign minutes of meeting on behalf of his organisation if required. The authorised representative must be competent and empowered to settle/decide on all technical and commercial issues.

c. The complete scope of work is defined in the Proposal document. Only those Bidders who undertake total responsibility for the complete scope of work as defined in the Proposal document shall be considered.

d. In case Bid does not fully comply with the requirement of Proposal document and the bidder stipulates deviations to the clauses of the proposal in Schedule of deviations, which are unacceptable to the Department, the Bid will be rejected.

e. The time schedule for completion is given in the Proposal document. Bidder is required to confirm the completion period unconditionally.

f. The Bidder, whose bid is accepted by the Department, shall be issued a Letter of Intent (LOI) to proceed with the work. Bidder shall confirm acceptance by returning a signed copy of the LOI. Thereafter Department may issue purchase order or Department will sign the Contract with successful Bidder

g. Department shall not be obliged to furnish any information / clarification to unsuccessful bidder as regard non acceptance of their Bids.

9. Vendor/Supplier Evaluation Format

SDSC SHAR seeks response to the following questionnaire for assimilating data which would be used for evaluating the capability of the vendor for executing the referred work. Hence, the vendor is requested to provide only genuine data and any discrepancy found at a later point of time may result in rejection of the supplier from purchase process. Questionnaire should be signed by a responsible and authorized person of the Company / Agency.
<table>
<thead>
<tr>
<th>S.No</th>
<th>Description</th>
<th>Vendor Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the company</td>
<td>:</td>
</tr>
</tbody>
</table>
| 2    | Type of the Company  
(Proprietary/Pvt.Ltd/Public Ltd/ Joint Venture) provide Registration code                                                                                                                                  | :               |
| 3    | Registered address                                                                                                                                                                                          | :               |
| 4    | Name & Address of the Office of the Chief Executive of the Company                                                                                                                                          | :               |
| 5    | Contact person for this tender with name & address and contact number                                                                                                                                        | :               |
| 6    | Locations of the Branches of Company (if any)                                                                                                                                                              | :               |
| 7    | From which is year the Company is in operation                                                                                                                                                             | :               |
| 8    | Current Annual turn-over of the company                                                                                                                                                                   | :               |
| 9    | The Profit & Loss Account details for the last 3 years which is duly audited and Submitted as part of the Annual Report.                                                                               | :               |

<table>
<thead>
<tr>
<th></th>
<th>in Lakhs only</th>
<th>2017-18</th>
<th>2018-19</th>
<th>2019-20</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total assets (i)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Current assets (ii)</td>
<td></td>
<td></td>
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<td></td>
<td>Total liabilities (iii)</td>
<td></td>
<td></td>
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<td></td>
<td>Current liabilities (iv)</td>
<td></td>
<td></td>
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<td></td>
<td>Net Worth (i-iii)</td>
<td></td>
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<td></td>
<td>Working capital (ii-iv)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Turnover in lakhs</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Profit/Loss in lakhs</td>
<td></td>
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<tr>
<td>10.</td>
<td>The major lines of business:</td>
<td>:</td>
<td></td>
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</tbody>
</table>
11. Manpower details

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>Admin &amp; Acct</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design &amp; Analysis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Workmen (floor)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supervisor</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. The major customers for whom similar systems are provided (Enclose copies of the Purchase Orders)

13. Details of process flow involved in the development of the system including Antenna and other sub-systems

14. Details of analysis software required for this development

<table>
<thead>
<tr>
<th>Software</th>
<th>No. of licenses</th>
<th>Skilled persons on software</th>
</tr>
</thead>
<tbody>
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</table>

15. Availability of Specialized tools/equipments for the above process. Provide the technical details and calibration certificates

16. Turn around time for the commissioning of the system as per the specifications given in RFP

17. Whether all the processes for development and testing of Antenna and associated systems is in-house or outsourced. Provide details of outsourcing if any, their names, address, type of job being outsourced, your quality check on it along with the MoU with the party

18. Standards and codes followed for the fabrication and software development process if applicable

19. Test equipment and facilities available at your works to carry out the qualification tests of Antenna and associated systems as per RFP.
Please provide the details along with photographs

<p>| | |</p>
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<tbody>
<tr>
<td>20.</td>
<td>Name &amp; address of outside agencies from which testing facilities are availed if any</td>
</tr>
<tr>
<td>21.</td>
<td>Codes &amp; standards followed for testing</td>
</tr>
<tr>
<td>22.</td>
<td>Whether independent Q.C and Inspection Section is established?</td>
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<tr>
<td>23.</td>
<td>Inspection &amp; Quality Control and record procedure for:</td>
</tr>
<tr>
<td></td>
<td>i) Raw materials</td>
</tr>
<tr>
<td></td>
<td>ii) Antenna and associated systems</td>
</tr>
<tr>
<td></td>
<td>iii) Final integrated system</td>
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<tr>
<td>24.</td>
<td>Customers feedback on performance of the installed system in writing (Pl. enclose copies):</td>
</tr>
<tr>
<td>a.</td>
<td>Vendor to fill in correct information as asked. Providing any false information, shall be liable to reject the parties</td>
</tr>
<tr>
<td>b.</td>
<td>Vendor is requested to furnish all the asked information as applicable. As each and every information carries certain weightage during evaluation of offers. In absence of any information, it may ultimately will reflect in overall assessment of the offer</td>
</tr>
<tr>
<td>c.</td>
<td>Vendor to attach separate sheet as Annexure where ever required to furnish the required information. Please attach your product catalogues/leaflets and relevant technical information in support.</td>
</tr>
</tbody>
</table>

28. Details of last three years’ experience of vendor in executing similar type of work which are completed with PO value more than Rs. 70 Lakhs.

<table>
<thead>
<tr>
<th></th>
<th>Full postal address of the client with Contact Person</th>
<th>Description of the work</th>
<th>Value of the work (Rs. in Lakhs)</th>
<th>Completion Time as per PO</th>
<th>Actual period of completion</th>
<th>Reasons for delay</th>
</tr>
</thead>
<tbody>
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<td>1</td>
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</table>

11
29. Details of present works being executed by the vendor

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Full postal address of the client with Contact Person</th>
<th>Description of the work</th>
<th>Value of the work (Rs. in Lakhs)</th>
</tr>
</thead>
<tbody>
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<td></td>
<td></td>
<td></td>
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Note: copy of purchase orders may be enclosed.

Signature of Authorised Person with Seal

30. Offer Validity: The validity of the offers / tenders should be 120 days from the date of opening of the tenders. Tenders with offer validity less than the period mentioned above, will not be considered for evaluation.

31. GST:
   - For Inter State: As per the Notification No.47/2017-Integrated Tax (Rate) Dt: 14.11.2017 issued by Ministry of Finance (Dept. of Revenue), SDSC SHAR is eligible to avail reduced rate of IGST @5% for the procurements made by the Dept. of Space (DOS) being a public Funded Research Institution. We will provide IGST exemption certificate.
   - For Intra State: As per Notification No.45/2017- Central Tax (Rate) dated 14.11.2017 and Government of Andhra Pradesh Goods and Service Tax Act, 2017 (Act No.16 of 2017), G.O.MS.No.599, Dtd: 12.12.2017 issued by Ministry of Finance (Dept. of Revenue), SDSC SHAR is eligible to avail a reduced rate of CGST/SGST @ 5% for the procurements made by the Dept. of Space (DOS) being a public funded research Institution. We will provide IGST exemption certificate.

32. Customs Duty:
   - As per Notification No. 05/2018 CUSTOMS Dtd. 25.01.2018 ISRO is eligible to reduced rate of customs duty @ 10.775% (CD@5%+Surcharge@10%+IGST@5%).
   - You please indicate whether your rate is inclusive of this Customs duty @ 10.775% or extra. (We will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies/ High Sea Sales).
33. **Liquidated Damages** - In all cases, delivery schedule indicated in the Purchase Order/Contract is the essence of the contract and if the vendor fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof the undelivered portion of the contract, subject to a maximum of 10% of total order value.

34. **Performance Bank Guarantee** - Party has to submit a PBG from a Nationalised / Scheduled Bank for 10% of the order value at the time of supply valid till the completion of warranty period plus 60 days towards claim period.

35. **Security Deposit**: 10% value of the order shall be deposited with SDSC within 10 days from the date of the Purchase Order towards security deposit in the form of Bank Guarantee towards performance of the Contract valid till completion of the contract period plus sixty days towards claim period. (This will be returned by SDSC immediately on execution of the order satisfactorily as per order terms. If not, the amount will be forfeited). NOT REQUIRED FOR LANDED COST BELOW RS.5 LAKHS.

36. **Combined BG**: In case, if parties are unable to provide two separate BGs, i.e., one for SD & one for PBG, they can submit a combined BG for SD & PBG for 10% of the Order value valid till the completion of total contractual obligation (i.e., Supply period + warranty period + 60 days). Please confirm.

37. Non-acceptance of any conditions wherever called for related to Warranty, Performance Bank Guarantee, Security Deposit, Liquidated damages, the bids are liable for disqualification.

38. **Purchase/Price Preference** will be extended to the MSMEs under the Public Procurement Policy for MSMEs formulated under the Micro, Small and Medium Enterprises Development Act, 2012 and instructions issued by Government of India from time to time. Vendors who would like to avail the benefit of MSME should clearly mention the same and submit all the documentary evidences to substantiate their claim along with tender itself.

39. The specifications, end use etc. given by SDSC SHAR along with the tender enquiry are confidential and shall not be disclosed to any third party.

40. If vendor enters into sub contract for any sub system realization, it has to be clearly mentioned in the technical bid tender document. Approval of sub vendors (if any) is to be obtained from SDSC SHAR during pre-bid meeting. Decision of SDSC SHAR is final for sub vendor approval and no arbitration in this regard.

41. In case if any sub system is sub contracted after SDSC SHAR approval, the complete responsibility of the sub system lies with main vendor; SDSC SHAR will interact only with the main vendor in this regard.

42. The vendor should provide compliance statement for all the specifications. An offer without compliance statement will not be considered.
43. The vendor should arrange their own means of transport both for Personnel and installation. A vehicle with proper documentation and personal insurance is must for the engineer coming for installation for internal movements.

44. The vendor is required to ensure that persons of trustworthy bearing good character, discipline and antecedents only deputed to carry out warranty support and take the responsibility for their proper conduct during the period of warranty. The engineers deputed to install and commissioning the system at ASRF, Chandipur, Odisha must display his Identity issued by the agency. The vendor should follow the security procedures applicable at SDSC-SHAR.

45. SDSC-SHAR will not be responsible for any injury to your personnel and damage to your property caused at site.

46. The following information/documents are to be submitted wherever applicable.
   a. Product Literature
   b. Core banking account number, RTGS Details
   c. PAN No. in quotation and invoices
   d. GST Registration details.
   e. In case of MSME, registration details / documents from Competent Authority.

47. Exclusion of tenders
   The following tenders shall be summarily rejected from the procurement process.
   a. Tenders received from vendors who have not qualified in terms of their registration.
   b. Tenders of vendors who have been removed from the vendor list or banned/debarred from having business dealings.
   c. Unsolicited tenders from vendors.
   d. The tenders which materially depart from the requirements specified in the tender document or which contain false information.
   e. The tenders which are not accompanied by the prescribed Earnest Money Deposit.
   f. The tenders of vendors who have not agreed to furnish Security Deposit or Performance Bank Guarantee.
   g. The tenders received from vendors or their agents or anyone acting on their behalf, who have promised or given to any official of the Centre/Unit/Department, a gratification in any form, or anything of value, so as to unduly influence the procurement process.
   h. The tenders received from vendors, who, in the opinion of the Centre/Unit, have a conflict of interest materially affecting fair competition.

48. Delivery schedule
   a. The estimated time schedule for completion of the project will be 24 weeks from the date of receipt of Purchase Order.
   b. The detailed schedule breakup is given in Part B section 14.
   c. Vendor shall adhere to the schedule positively.

49. Mode of payment:
   Bidders can submit the banker details and payments can be made through NEFT/RTGS/ECS through PFMS.
50. TERMS OF PAYMENTS:
In general our payment terms 100% will be paid after successful installation, completion of Site Acceptance Test within 30 days and acceptance by Department.

However, if Vendors/Suppliers are requesting for different payment terms, department may consider as given below

- a. 80% of PO cost for supplied system will be paid after the review of factory acceptance test results cleared by SDSC SHAR representatives and receiving at site within 30 days.
- b. 20% of the PO cost for the supplied system and 100% of commissioning charges along with taxes will be paid after successful installation, completion of Site Acceptance Test within 30 days.
- c. In case of foreign orders, Payment term shall be Sight Draft / 80% by irrevocable letter of credit and balance 20% by Wire transfer after receipt and acceptance of the ordered item.
- d. Bidder shall indicate the Foreign exchange component considered in their offer. The foreign exchange component shall be included in the lump sum price quoted / unit rates quoted. The foreign exchange component shall be limited to the amount indicated.
- e. Foreign exchange rate prevailing on the date of import/payment shall be considered for adjustment of foreign exchange outgo / lump sum price over the base price and foreign exchange rate considered in the price bid / as indicated in the contract / purchase order against documentary evidence indicating the prevailing conversion rates for foreign currencies.

The base rate shall be considered as on the date of opening the price bids.

51. PACKAGING AND FORWARDING:

The items mentioned in the deliverables are to be delivered at BRLS, Chandipur, Odisha. The vendor shall arrange to have all the material suitably packed as per the standards & statutes and as specified in the contract. Unless otherwise provided for in the contract, all containers (including packing cases, boxes, tins, drums, and wrappings) used by the vendor shall be non-returnable. All packing and transport charges, transit handling costs, transit risk coverage and transport fees of agents employed at the place of delivery or elsewhere, shall be deemed included in the price to be paid to the vendor.

52. WARRANTY:

- a. The vendor shall warranty that the items supplied shall comply fully with the specifications laid down, for material, workmanship & performance.
- b. 36 months warranty for the supplied items will be provided by the vendor from the date of acceptance of the total system at site.
- c. It will be responsibility of the vendor to attend the failure at BRLS, Chandipur within 48 hours from the date of intimation.
- d. The failed system will be repaired/replaced by the vendor free of cost and the repaired/replaced system should be installed, tested and commissioned within 7 working days after intimation.
e. The vendor should take care of his accommodation & transportation for this purpose and Department will arrange the required passes for personnel entry upon details provided by the vendor.

53. ARBITRATION:

In the event of any dispute or difference arising under these terms & conditions or any condition contained in the Purchase Order or in connection with this Contract, (except as to any matter the decision of which is specially provided for by these conditions), the same shall be referred to the sole arbitration of the Head of the Purchase Office or of some other person appointed by him, and the dispute further processed in terms of the Arbitration & Conciliation Act, 1996. There will be no objection that the arbitrator is a Government Servant that he had to deal with matter which the Contract relates to or that in the course of his duties as Government Servant has expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties of this Contract.

If the arbitrator is the Head of the Purchase Office –

i. In the event of his being transferred or vacating his office by resignation or otherwise, it shall be lawful for his successor in office either to proceed with the reference himself or to appoint another person as arbitrator, or

ii. In the event of his being unwilling or unable to act for any reason, it shall be lawful for the Head of the Purchase Office to appoint another person as arbitrator.

If the arbitrator is a person appointed by the Head of the Purchase Office – In the event of his denying or neglecting or refusing to act, or resigning or being unable to act, for any reason, shall be lawful for the Head of the Purchase Office either to proceed with the reference himself or to appoint another person as arbitrator in place of the outgoing arbitrator subject, as aforesaid, to the Arbitration & Conciliation Act, 1996, and the rules thereunder and any statutory modifications thereof for the time being in force shall be deemed to apply to the arbitration proceeding under the clause. The Arbitrator shall have the power to extend with the consent of the Purchaser and the Contractor the time for making and publishing the award. The venue of arbitration shall be the place as the Purchaser in his absolute discretion may determine. Work under the Contract shall, if reasonably possible, continue during Arbitration Proceedings.

In case of Imported Stores, all disputes arising in connection with this Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules. The Contract shall be interpreted, construed and governed by the laws of India.

54. FORCE MAJEURE

Should a part or whole work covered under this agreement be delayed due to reasons of Force Majeure which shall include legal lockouts, strikes, riots, civil commotion, fire accident, quarantines, epidemic, acts of God and Government, fright embargoes, the completion period for work, equipment referred to in this agreement be extended by a period not in excess of the duration of such Force Majeure. The occurrence shall be notified by either vendor within reasonable time.

55. APPLICABLE LAW AND JURISDICTION
The laws of India shall govern this contract for the time being in force. The Courts of Indian Law only shall have jurisdiction to be with and decide any legal matters or disputes whatever arising out of the contract.

56. COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC)
   a. Comprehensive Annual Maintenance Contract (CAMC) for 5 years after warranty period of 36 months, shall be indicated separately. The costs break up for each year shall be provided.
   b. The terms and conditions of CAMC shall be submitted along with the offer. However, detailed scope and general terms & conditions will be worked out based on mutual discussions.
   c. The cost towards CAMC shall be considered for arriving lowest offer (L1). The cost quoted for CAMC is valid till the warranty period of 3 years. A separate PO may be placed for CAMC after the completion of warranty period.
   d. CAMC covers the following:
      - Periodical maintenance once in three months
      - Unlimited Break down maintenance
      - Replacement of defective/damaged parts at free of cost.
      - Calibration of the system once in six months.
   e. Recovery clause:
      If any subsystem is not available to ASRF, Chandipur due to failure and want of repair/spares for more than 7 calendar days continuously, the recovery shall be effected double the AMC charges applicable for it on pro-rate basis for the complete down time from the AMC charges for the full system concerned.
   f. In the following circumstances, the subsystems are not covered in maintenance contract.
      - Damages to the equipment due to natural causes like fire, flood, riot, tampering, theft, etc.
      - Damage / burnt case of the equipment due to power fluctuation
   g. The damaged systems due to above reasons shall be rectified on chargeable basis.

57. MAN POWER
   a. Accommodation & Insurance
      - Vendor shall make their own arrangement for accommodation & canteen facility for all its staff, technicians, labour & workers including transportation to the staff. No labour camp is permitted at work place.
      - Before starting the site work, the vendor has to insure all his personnel working at site in BRLS against accidents.
      - Transit insurance for the transportation of the total system from vendor's site to the purchaser's site is the scope of vendor only.
   b. Medical Facilities
      - No medical facilities will be provided by the Department. Vendor shall make their own arrangement at their own expenses for medical facilities for site personnel
58. RISK COVERAGE

The vendor shall arrange comprehensive risk coverage at his own cost covering the value of equipment including transportation to the site from manufacturer’s works, storage at site, testing and commissioning at site. The period of such coverage shall be up to contractual completion period or any extension granted by Department thereof.
Part B: Technical Specifications & Scope of work

1. Introduction

SDSC SHAR, ISRO has planned to establish a Microwave Radio meter at Atmospheric Space Research Facility (ASRF), Chandipur, Odisha. This section of the proposal covers scope of the works, specifications and general terms & conditions on supply and commissioning of Microwave Radio meter including an Azimuth positioner.

2. Scope of Work

The scope of work consists of the following:

a. Supply and commissioning of Micro-Wave Radiometer as per the specifications given in section 2.1.

b. Demonstration of the performance of the system as per the specifications at the site.

c. Carrying Site Acceptance Tests (SAT) after installation and commissioning of the system as per mutually agreed SAT procedure document.

d. To provide 3 sets of documents as per section - 3.

e. Vendor has to provide technical familiarization and operational training on system without any cost implications.

2.1. Specifications of Micro-Wave Radiometer:

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Parameters</th>
<th>Specification</th>
</tr>
</thead>
</table>
| 1.    | Frequencies| a. 7 or more channels in K band (22-32 GHz)  
b. 7 or more channels in V band (50-59 GHz) |
| 2.    | Beam Width | a. 3.5° - 6.0° in K band  
b. 1.5° - 2.5° in V band |
| 3.    | Temperature Profile Accuracy | 0.1 to 1 K depending on integration time. |
| 4.    | Scanning (Azimuth & Elevation) | a. 0-180° for Elevation with a step of 0.1°  
b. 0-360° for Azimuth with a step of 0.1° |
<p>| 5.    | Vertical Resolution for temperature/humidity/liquid water | 25m -100m (&lt;2500m Height), 120-200m (2500-6000m Height) and 300m or better (6000m -10000m Height) |
| 6.    | Range | 10 Km or better |
| 7.    | Radome | With hydrophobic coating &amp; should have provision of high-power blowers |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>
b. Absolute calibration with internal ambient & external cold load. |
| 9. Data Processing system | • Software compatibility with Windows OS  
• Data processing system should have the capability of configuring the radiometer as well as visualizing the output parameters retrieved from the radiometer.  
• Provision of archiving raw data (Essential) along with mentioned Data products (Spec no:10) in Department provided Host PC. |
| 10. Data Products | a. Profiles of temperature/Humidity/Liquid  
b. Integrated Water Vapour (IWV)  
c. Integrated Cloud Liquid  
d. Atmospheric Attenuation  
e. Cloud base height and temperature  
f. Brightness temperatures  
g. Thermodynamic diagrams with indices i.e. Lifted Index (LI), Showalter Index (SI), K Index (KI), Total Totals Index (TTI), Convective Index (KOI), Convective Available Potential Energy (CAPE), LFC, LCL. |
<p>| 11. Data formats | Net CDF, ASCII, RAOB etc. |
| 12. Operating environment | Coastal saline |
| 13. Operating temperature and humidity | 0° to 45°C, 100% RH |
| 14. Max wind velocity | 60 m/s or better |
| 15. Safety Interlocks | System should have interlocks for safe and reliable operation. |
| 16. Others | a. The data products of Microwave radiometer have to be transferred to remote PC through 1G/10G Ethernet. |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
</table>
|   | b. Proper electrical Earthing has to be taken care.  
|   | c. System should have built in test facility/Calibration.  
|   | d. The system has to be developed for 10 years of minimum lifetime.  
|   | e. Blowers should be provided for the radiometer to prevent from adherence of hydrometeor by triggering it from a rain sensor.  
|   | f. For lightning protection necessary arrangements i.e. power line circuit breakers, data over Optical Cables to prevent corruption etc. have to be provided.  
|   | g. Proper care to be taken for external unwanted signal interferences.  
|   | h. The system should be supplied with an Azimuth positioner along with a tripod.  
|   | i. IRR scanning provision in Elevation is preferred but this is an optional requirement.  |

### 2.2. Mechanical packaging

1. The electronics hardware shall be housed in a sturdy mechanical housing sufficient to withstand coastal and saline environment for atleast 10 years.
2. The system should be sturdy enough to withstand hailstorms.
3. Necessary surface treatment is to be applied to the system to prevent corrosion.
4. The system shall be leak proof against water splashes, dust, insects, etc.
5. All the fasteners must be of stainless steel.
6. Proper torque ratings should be mentioned for mounting screws.

### 2.3. Power Supply:

1. UPS input supply required for the system 230V±10% AC, 50±5%Hz, single/three phase will be provided by Department. Vendor has to provide the requirement during bid (including no. of sockets, MCBs and their ratings). It is the responsibility of the vendor to derive the required power for each subsystem from the available power supply.
2. Power cables and port should be made for Indian continent.
3. EMI filter protection should be provided.
2.4. **Factory Acceptance Tests**

The vendor has to submit the Factory Acceptance Test (FAT) procedure document for review. The vendor has to carry out the factory acceptance tests (i.e. Burn-in Test, Temperature Cycling, Dry and Damp heat test, EMI/EMC test etc) for the full system and the certificates have to be provided.

2.5. **Site Acceptance Test (SAT)**

Site Acceptance test (SAT) procedure document has to prepared and submitted to SDSC SHAR. SAT has to be conducted based on the mutually agreed SAT procedure document.

3. **Documentation**

3 sets of following documents in hard copy and soft copy form are to be submitted.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>System Description Document</td>
</tr>
<tr>
<td>2.</td>
<td>Maintenance, operational and troubleshooting manual</td>
</tr>
<tr>
<td>3.</td>
<td>Schematic &amp; wiring diagram</td>
</tr>
<tr>
<td>4.</td>
<td>Part numbers, Specifications and data sheets for all the components used in the system wherever possible</td>
</tr>
<tr>
<td>5.</td>
<td>FAT procedure document</td>
</tr>
<tr>
<td>6.</td>
<td>FAT Results document</td>
</tr>
<tr>
<td>7.</td>
<td>SAT Procedure document</td>
</tr>
<tr>
<td>8.</td>
<td>SAT results document</td>
</tr>
</tbody>
</table>

4. **Deliverables**

<table>
<thead>
<tr>
<th>S.No.</th>
<th>System Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Micro Wave Radiometer with Azimuth positioner system</td>
<td>1</td>
</tr>
<tr>
<td>2.</td>
<td>Required accessories (i.e. Tripod, Cables, GPS, Dew Blower, Heater, Calibration target, weather station, software etc. ) for the System</td>
<td>1</td>
</tr>
<tr>
<td>3.</td>
<td>IRR single channel with elevation scanner</td>
<td>1</td>
</tr>
<tr>
<td>4.</td>
<td>Radome sheets</td>
<td>2</td>
</tr>
<tr>
<td>5.</td>
<td>Technical Documents for all the subsystems as per section 3</td>
<td>3</td>
</tr>
</tbody>
</table>
5. **Delivery Schedule**

The following delivery schedule is to be met by vendor after placement of purchase order.

*Table 14.1: Delivery schedule*

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Activity</th>
<th>Scope</th>
<th>Time Period</th>
<th>Schedule (in weeks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Submission of preliminary design document for Micro Wave Radiometer along with Azimuth Positioner.</td>
<td>Vendor</td>
<td>2 Weeks</td>
<td>T0+2</td>
</tr>
<tr>
<td>2</td>
<td>PDR review &amp; clearance</td>
<td>SDSC SHAR</td>
<td>2 Week</td>
<td>T0+4</td>
</tr>
<tr>
<td>3</td>
<td>Conduction of FAT, review &amp; clearance of FAT results</td>
<td>Vendor</td>
<td>20 weeks</td>
<td>T0+16</td>
</tr>
<tr>
<td>4</td>
<td>Delivery, Installation and commissioning of the system at Site</td>
<td>Vendor</td>
<td>4 weeks</td>
<td>T0+20</td>
</tr>
<tr>
<td>5</td>
<td>Conduction of SAT, review, data validation &amp; final acceptance</td>
<td>Vendor/SDSC SHAR</td>
<td>4 Weeks</td>
<td>T0+24</td>
</tr>
</tbody>
</table>

*Note: T0 is the date of purchase order release and acceptance by the Vendor*

6. **General conditions**

1. All components used in the manufacturing should be of minimum industrial grade.
2. EMI/EMC tests have to be carried out.
3. Complete technical description of the system has to be submitted during PDR.
4. Acquires and displays the systems status and health parameters at host PC.
5. Archiving the raw data from radiometer for offline/online processing.
6. 3-phase UPS inlet power is in the scope of Department.
7. The system has to be provided with separate earth terminations; this has to be connected to instrumentation earth (provided by Department).
8. EMI/EMC aspects must be followed in the design.
9. The system shall be leak proof against rain & dust and shall be built for easy serviceability and long life under open seacoast environment.
10. Vendor should provide a technical compliance table for all the specifications
11. Vendor shall have the necessary test equipment for conducting the tests and calibration.
12. Vendor should intimate how many years of surface as well as radiosonde data is required for training the weighting matrix of Neural Network based retrieval algorithm.
13. SDSC SHAR reserves the right to witness the tests and review of test results. If any testing is to be carried out at a place other than vendor's place, then the vendor shall make arrangements for participation of SDSC SHAR nominees.
14. The vendor has to demonstrate all the technical specifications successfully.
15. All supplied items should be packed and sealed properly with proper protection.
16. Availability of all the components/subsystems should be ensured by the vendor for at least 10 years after the commissioning and acceptance by SDSC SHAR.

17. Vendor/supplier has to commit for warranty of the developed systems for 36 months for trouble-free operation; followed by CAMC for 5 years. Entering into the CAMC will be decided after warranty period, however to arrive L1 CAMC price will be considered in part 2 of commercial bid.

18. The warranty certificate should be issued by the vendor.

19. SDSC SHAR will not be responsible for any theft or damage of supply items during transportation to SDSC SHAR.
Part- C: Annexure
Annexure - I

EXCEPTIONS AND DEVIATIONS
In line with Proposal Document, Bidder may stipulate Exceptions and deviations to the Proposal conditions if considered unavoidable.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Reference in Specification</th>
<th>Dept. Specification</th>
<th>Offered Specification</th>
<th>Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAGE NO</td>
<td>CLAUSE NO</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:**

a. Only deviations are to be written in this ANNEXURE
b. Any deviations taken by the Bidder to the stipulations of the Proposal document shall be brought out strictly as per this format and enclosed along with the bid.
c. Any deviations not brought out as per this Proforma and written elsewhere in the Proposal document shall not be recognized and the same is treated as null and void.
d. Any wilful attempt by the Bidders to camouflage the deviations by giving them in the covering letter or in any other documents that are enclosed may render the Bid itself non-responsive.

(SIGNATURE OF VENDOR/ SUPPLIER)
## Annexure - II

### Price Bid format

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Item Description</th>
<th>Quantity</th>
<th>UOM</th>
<th>Unit Price</th>
<th>Taxes &amp; Duties</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Microwave Radio meter with Azimuth positioner</td>
<td>1</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Commissioning</td>
<td>-NA-</td>
<td>-NA-</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>CAMC for 5 years (mention year wise split-up)</td>
<td>-NA-</td>
<td>-NA-</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(SIGNATURE OF VENDOR)
STANDARD TERMS & CONDITIONS

1. OFFERS SHALL BE SENT ONLINE ONLY USING STANDARD DIGITAL SIGNATURE CERTIFICATE OF CLASS III WITH ENCRYPTION / DECRYPTION. THE TENDERS AUTHOISED ONLINE ON OR BEFORE THE OPEN AUTHORISATION DATE AND TIME ONLY WILL BE CONSIDERED AS VALID TENDERS EVEN THOUGH THE BIDS ARE SUBMITTED ONLINE.

2. THE TENDERER MUST AUTHORISE BID OPENING WITHIN THE TIME STIPULATED IN THE SCHEDULE BY SDSC SHAR. OTHERWISE THE ONLINE BID SUBMITTED WILL NOT BE CONSIDERED FOR EVALUATION. PHYSICAL COPY WILL NOT BE CONSIDERED EVEN THOUGH IT IS RECEIVED BEFORE THE BID SUBMISSION DATE.

In case of two-part tenders, parties shall submit their offers as follows:-

1) Part-I – Techno-commercial Bid
   (No price details shall be mentioned in this bid and shall not upload the details of price along with the techno-commercial bid)

2) Part-II – Price Bid
   In view of Two Part Tender, the Offers submitted contrary to above instructions will be summarily rejected.

3. In case, the tenderer is not interested to participate in the tender, the tenderer shall submit regret letter giving reasons, failing which future enquiries will not be sent.

4. Offer Validity: The validity of the offers / tenders should be 90 days (in case of single part tender) and 120 days (in case two part tender) from the date of opening of the tenders. Tenders with offer validity less than the period mentioned above, will not be considered for evaluation.

5. GST - GST and/or other duties/levies legally leviable and intended to be claimed should be distinctly shown separately in the tender. GST details are given below
   GSTIN: 37AAAGS1366J1Z1
   LEGAL NAME : SATISH DHAWAN SPACE CENTRE SHAR
   VALIDITY FROM: 29/08/2017
   TYPE OF REGISTRATION: REGULAR

6. Customs Duty - SDSC-SHAR is eligible for 100% Customs Duty exemption as per Notification No. 050/2017 539 (b) Dt: 30.06.2017. This may be taken into account while quoting for import items, if any.

   In case tenderers offering items considering customs duty exemption, they should also indicate the bill of materials and price, separately, with Customs Duty component and terms and conditions thereto.

8. Advance Payment - Wherever advance payment is requested, Bank Guarantee from any Nationalized Bank/Scheduled Bank should be furnished. In case of advance payments, if the party is not supplying the material within the delivery schedule, interest will be levied as per the Prime Lending Rate of RBI plus 2% penal interest.

   Interest will be loaded for advance payments/stage payments as per the prime lending rate of RBI and will be added to the landed cost for comparison purpose. In case of different milestone payments submitted by the parties, a standard and transparent methodology like NPV will be adopted for evaluating the offers.

9. Liquidated Damages - In all cases, delivery schedule indicated in the Purchase Order/Contract is the essence of the contract and if the party fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof subject to a maximum of 10% of total order value.

10. Performance Bank Guarantee - Performance Bank Guarantee for 10% of the order value should be furnished in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till warranty period plus sixty days as claim period.
11. **Security Deposit** – Security Deposit for 10% of the order value is mandatory, if the ordered value is Rs.5.00 lakhs and above. Party shall furnish the Security Deposit in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till completion of the contract period plus sixty days towards claim period for faithful execution of the contract.

12. **BANK GUARANTEE FOR FIM**: Supplier has to submit Bank guarantee for equal value of Free Issue of Materials (FIM) issued by the Department from Nationalised / Scheduled Bank valid till receipt and acceptance of supply and satisfactory accounting of FIM plus sixty days as claim period.

13. The delivery period mentioned in the tender enquiry, IF ANY, is with the stipulation that no credit will be given for earlier deliveries and offers with delivery beyond the period will be treated as unresponsive.

14. The Department will have the option to consider more than one source of supply and final orders will be given accordingly.

15. The bidders should note that conditional discounts would not have edge in the evaluation process of tenders.


17. Wherever installation/ commissioning involved, the guarantee/warranty period shall reckon only from the date of installation and commissioning.

18. Purchase/Price Preference will be extended to the MSMEs under the Public Procurement Policy for MSMEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006 and instructions issued by Government of India from time to time. Vendors who would like to avail the benefit of MSME should clearly mention the same and submit all the documentary evidences to substantiate their claim along with tender itself.

19. The drawings, specifications, end use etc., given by the Centre/Unit along with the tender enquiry are confidential and shall not be disclosed to any third party.

20. **SPECIAL CONDITIONS FOR SUBMITTING QUOTATIONS IN FOREIGN CURRENCY BY THE INDIAN AGENTS**

The Tenderer should submit the following documents/information while quoting:

a) Foreign Principal's proforma invoice/quote indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.

b) Copy of Agency agreement with the Foreign Principal and the Indian Agent, precise relationship between them and their mutual interest in the business.

c) Registration and item empanelment of the Indian Agent.

d) Agency Commission will be paid only Indian Currency.

e) Compliance of the tax laws by the Indian Agent.

21. **High Sea Sales** - Against High Sea Sale transactions:

a. Offers shall be on all inclusive basis including delivery upto Sriharikota at the risk and cost of the supplier. Customs Clearance is the responsibility of the supplier and at his cost and risk.

b. 100% payment will be made within 30 days after receipt and acceptance of the items at our site.

c. GST as applicable

d. Customs Duty Exemption Certificate and other relevant documents required for Customs clearance will be provided.

e. High Sea Sales Agreement furnished by the supplier in accordance with the terms and conditions of our purchase order will be signed and issued by SDSC-SHAR.

22. The following information/ documents are to be submitted wherever applicable.

1. Product Literature

2. Core banking account number of SBI, RTGS Details

3. PAN No. in quotation and invoices

4. GST Registration details.

5. In case of MSME, registration details / documents from Competent Authority.

23. **EXCLUSION OF TENDERS**

The following tenders shall be summarily rejected from the procurement process

a. Tenders received from vendors who have not qualified in terms of their registration.

b. Tenders received against publishing of a limited tender in the CPP portal.

c. Tenders of vendors who have been removed from the vendor list or banned/debarred from having business dealings.

d. Unsolicited tenders from vendors.

e. The tenders which materially depart from the requirements specified in the tender document or which contain false information.

f. The tenders which are not accompanied by the prescribed Earnest Money Deposit.

g. The tenders of vendors who have not agreed to furnish Security Deposit, Performance Bank Guarantee and Liquidated Damages.

h. The validity of the tenders is shorter than the period specified in the tender enquiry.

i. The tenders received from vendors or their agents or anyone acting on their behalf, who have promised or given to any official of the Centre/Unit/Department, a gratification in any form, or anything of value, so as to unduly influence the procurement process.

j. The tenders received from vendors, who, in the opinion of the Centre/Unit, have a conflict of interest materially affecting fair competition.
k. The tenders received from Indian agents on behalf of their foreign Principals/OEMs (in cases where the Principals/OEMs also submit their tenders simultaneously for the same item/product in the same tender).

l. In case two or more tenders are received from an Indian agent on behalf of more than one foreign Principal/OEM, in the same tender for the same item/product.

m. If a firm quotes 'NIL' charges / consideration, the bid shall be treated as un-responsive and will not be considered.