

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)  
NELLORE**

**Tender for SUPPLY OF METALLIC FLEXIBLE HOSES FOR  
CRYOGENIC LIQUID/GAS TRANSFER**

**Bids to be submitted online**

**Tender No.: SDSC SHAR/LSSF PURCHASE/SH202100169301 dated 31-12-2021**

## **A. Tender Details**

Tender No : **SDSC SHAR/LSSF PURCHASE/SH202100169301**

Tender Date : **31-12-2021**

Tender Classification: **GOODS**

Purchase Entity : **LSSF PURCHASE**

Centre : **SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA  
(SDSC SHAR)**

### **Procurement of SUPPLY OF METALLIC FLEXIBLE HOSES FOR CRYOGENIC LIQUID/GAS TRANSFER**

For Procurement of METALLIC FLEXIBLE HOSES FOR CRYOGENIC LIQUID/GAS TRANSFER

#### **A.1 Tender Schedule**

Bid Submission Start Date : **31-12-2021 12:35**

Bid Clarification Due Date : **11-01-2022 15:00**

Bid Submission Due Date : **27-01-2022 16:00**

Bid Opening Date : **28-01-2022 14:30**

Price Bid Opening Date : **23-02-2022 15:00**

## **B. Tender Attachments**

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

**Document : Technical specifications, Tables & Dwg.**

### **Instructions To Vendors**

2. We are proposing to invite Tenders in Two Parts viz., Part-I Techno and Commercial & Part-II Price.

All Tenderers are requested to follow carefully the following instructions before preparing their offer.

#### 1. PART- I- TECHNO COMMERCIAL BID -

(1) This part should contain detailed Specifications of the items quoted by you along with Technical Literature and Leaflets if any.

(2) All the Commercial terms and Conditions applicable also should be indicated separately under separate heads.

(3) The Commercial terms such as delivery terms, delivery period, payment terms, warranty, validity of the offer, Installation & Commissioning, Duties and Taxes etc shall come into this.

(4) Either Technical Specifications or Terms & Conditions as above should be very clearly reflected items wise with reference to the items called for in the tender.

(5) Please note that Prices should not be indicated in this part.

(6) Any deviations from the Technical Specifications and Commercial Terms shall be indicated separately.

#### 2. PART II PRICE BID

(1) The prices applicable for the items, item wise in response to the tender shall come into this part.

(2) Tender shall indicate very clearly item wise prices with reference to their Technical Offer.

Note: PLEASE NOTE THAT THE OFFERS SUBMITTED CONTRACTORY TO ABOVE INSTRUCTIONS WILL BE LIABLE FOR REJECTION. PLEASE ENSURE OFFERS ARE SUBMITTED WITHIN THE DUE DATE.

## **C. Bid Templates**

### **C.1 Technical Bid - SUPPLY OF METALLIC FLEXIBLE HOSES FOR CRYOGENIC LIQUID/GAS TRANSFER**

**1. Flexible Metal Hose FH-3104**

**2. Flexible Metal Hose FH-3105**

**3. Flexible Metal Hose FH-3107**

**4. Flexible Metal Hose FH-3822**

**5. Flexible Metal Hose FH-3808**

**6. Flexible Metal Hose FH3807/A**

**7. Flexible Metal Hose FH-3203**

**8. Flexible Metal Hose FH-3209**

**9. Flexible Metal Hose FH-3210**

**10. Flexible Metal Hose FH-3822B**

**11. Flexible Metal Hose FH-3808A**

**12. Flexible Metal Hose FH-3304**

**13. Flexible Metal Hose FH-3305**

**14. Flexible Metal Hose FH-3203A**

**15. Flexible Metal Hose FH-3107B**

**16. Flexible Metal Hose FH-3105B**

**17. Flexible Metal Hose FH-3822A**

**18. Flexible Metal Hose FH-3105A**

**19. Flexible Metal Hose FH-3001/3002/3003/3004**

**20. Flexible Metal Hose FH-3005/3006/3009/3010**

**21. Flexible Metal Hose FH-3007/3008/3011/3012**

**22. Flexible Metal Hose FH-32**

**23. Flexible Metal Hose FH-25**

**24. Flexible Metal Hose FH-40**

**25. Flexible Metal Hose FH-10 A**

**26. Flexible Metal Hose FH-10B**

**27. Flexible Metal Hose FH-10C**

**28. Flexible Metal Hose FH-8 (1 to 30)**

**29. Flexible Metal Hose FH-6(1 to 5)**

**30. Flexible Metal Hose FH-10D(1/2/3/4/5)**

**31. Flexible Metal Hose FH-4001**

**32. Flexible Metal Hose FH-4002**

**33. Flexible Metal Hose FH-4003**

**34. Flexible Metal Hose FH-4700**

**35. Flexible Metal Hose FH-711,FH-721,FH-731,FH-741**

**36. Flexible Metal Hose FH-710,FH-720,FH-730,FH-740**

**37. Flexible Metal Hose FH-716,FH-726,FH-733,FH-743**

**38. Flexible Metal Hose FH735, FH745**

**39. Flexible Metal Hose FH715, FH725**

**40. Flexible Metal Hose FH734, FH744**

**41. Flexible Metal Hose FH-760**

**42. Flexible Metal Hose FH-761**

**43. Flexible Metal Hose-762**

**44. Flexible Metal Hose FH-763**

**45. Flexible Metal Hose FH-764**

**46. Flexible Metal Hose FH-765**

**47. Flexible Metal Hose FH-766**

**48. Flexible Metal Hose FH-767**

**49. Flexible Metal Hose FH-768**

**50. Flexible Metal Hose FH-769**

**51. Flexible Metal Hose FH-770**

**52. Flexible Metal Hose UOFD,UOTC,UHFD Part-A inner hose**

**53. Flexible Metal Hose UOFD,UOTC,UHFD,UHRV Part-A outer hose**

**54. Flexible Metal Hose UHRV Part-A inner hose**

**55. Flexible Metal Hose UHCI, UOCI Part-A inner hose**

**56. Flexible Metal Hose UHCI, UOCI Part-A outer hose**

**57. Flexible Metal Hose UHBC Part-A inner hose**

**58. Flexible Metal Hose UHBC Part-A outer hose**

**Common Specifications (Applicable for all items)**

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Scope	The Scope involves design, manufacturing, inspection, testing, packing and delivery of metallic flexible hoses as per technical specifications and data given in Table-1, Table-2 to SDSC SHAR Sriharikota.	Yes / No / Explain		
2	Design Standard	The hose design shall be as per ISO10380 or EN14585-1 code or equivalent. The hoses shall be designed for internal pressure and cryo temperature as mentioned in Table-1. The hoses shall be designed for minimum of 10000 thermal / pressure cycles.	Yes / No / Explain		
3	aMaterial for pipes, bellows & hoses bMaterial for braiding cMaterial for pipes, tubes & fittings and bayonet couplings.	a. Stainless steel-316L/316Ti or equivalent b. Stainless steel-304/316 or equivalent c. Stainless steel -316L or equivalent ( Pipes, tubes & fittings shall be of seamless type for sizes up to 150NB)	Yes / No / Explain		
4	Service Medium	LH2/LOX/ Cold GHe.	Yes / No / Explain		
5	Service Temperature	As given in Table-1	Yes / No / Explain		
6	Design Pressure	As given in Table-1	Yes / No / Explain		
7	Sizes & Quantity	As given in Table-1 Dwg: LOFS/FMH/01	Yes / No / Explain		

8	Hose & Stub end lengths	As given in Table-1, Dwg: LOFS/FMH/01 These hoses are to be used under vacuum conditions, hence dimensions of the hoses given in the drawing are lengths after creating vacuum in the hose. Braiding of the hoses shall not be loosened after creating vacuum. Adequate precautions shall be taken for this during manufacturing.	Yes / No / Explain		
9	Hose Braiding	All the hoses shall be provided with two layers of braiding.	Yes / No / Explain		
10	Cleaning standard	<p>Oxygen class cleaning (G93 /ISO23208) is required for all hoses.</p> <p>No visible trace of oil, moisture and particle should be allowed.</p> <p>Hoses shall be cleaned before supply. After cleaning, dry gas / suitable solvent shall be passed through the hose from one end. The same shall be passed through 5micron filter paper on another end of the hose. Particulate measurement shall be carried out by viewing 5 micron filter paper under Analog/ Digital microscope. A certificate confirming the particulate size measured per hoses shall be provided. Acceptance criteria shall be as per G93 (level175). Cleanliness procedures shall be submitted to SDSC SHAR for approval. Only after due approval the fabrication works shall commence</p>	Yes / No / Explain		

11	Quality Assurance:	The supplier shall prepare & submit a quality assurance plan considering all the test and compliance reviews mentioned in the technical specifications and Table-2 for approval to SDSC SHAR. A detailed QAP shall be submitted within 4 weeks after release of Order.	Yes / No / Explain		
12	Third party inspection	The supplier shall maintain an effective documented inspection and material control system, sufficient to ensure the purchaser verification at any point during the manufacturing, that the work has been executed using the correct materials and procedures. A third party agency shall be engaged by the supplier to witness/review the tests as given in Table-2. The TPI agency can be: <ul style="list-style-type: none"> <li>•M/s. Lloyds</li> <li>•M/s. Det Norske Veritas</li> <li>•M/s TUV</li> </ul> Alternate agency is allowed with the approval of the purchaser. Name of the Third party inspection agency shall be confirmed during submission of offer. Also the TPIA charges shall be shown separately in the price bid.	Yes / No / Explain		

13	Inspection and testing requirements:	<p>The following inspection and tests are to be carried and the documentation shall be submitted accordingly. The Scope of inspection shall be as per QAP to be approved by Department (SDSC SHAR). Mandatory tests and TPIA scope is defined in Table-2.</p> <p>13.0 Chemical analysis and mechanical tests of raw material as per ASTM standards.</p> <p>13.1 IGC testing (as per ASTM A262Practice E) on wetted part.</p> <p>13.2 Cold impact test at -196°C on all wetted parts (excluding hose).</p> <p>13.3 Hose type tests: Hose type tests (pliable tests, cyclic test, burst pressure test &amp; elongation test) shall be carried out for each size of the hose as per standard.</p> <p>13.4 Dimensional inspection.</p> <p>13.5 Hydro/Pneumatic Strength Test: Each hose shall be subjected to a test pressure (of minimum 1.25 times of the PN rating) as per standard. The same shall be carried out in presence of third party inspection agency.</p> <p>13.6 Helium Leak Check : All the hoses shall be Helium leak tested by MSLD with allowable leak rate <math>5 \times 10^{-7}</math> mbar lit/s by accumulation (probe) or vacuum method.</p>	Yes / No / Explain		
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		<p>13.7 Purging of the hoses with dry GN2.</p> <p>13.8 Cleaning for Oxygen standard and report (as per G93 /ISO23208)</p> <p>13.9 Particulate count after purging by Millipore test and qualification certificate as per G93(stringent level)</p> <p>13.10 Boroscope inspection of the hoses internal surface.</p> <p>13.11 Plastic End caps for dust protection.</p>			
14	Documents/Drawings:	<p>Following documents/drawings have to be submitted for the approval of the Purchaser within 1 month from the date of release of purchase Order &amp; prior to commencement of manufacturing. The same will be approved and sent back to the Party within two weeks.</p> <p>14.1 Fabrication &amp; general assembly drawings of the hoses.</p> <p>14.2 Detailed quality assurance plan (including TPIA scope) considering the tests and compliance status mentioned in technical specifications.</p>	Yes / No / Explain		

15	General Conditions:	<p>15.0 Each hose shall be supplied with nonmetallic dust cap.</p> <p>15.1 All the hoses shall be marked by legible etching or equivalent method for hose designation, size and PN rating.</p> <p>15.2 After final shop inspection, all the hoses have to be prepared and packed for possible long time storage at site (12 months).</p> <p>15.3 Two copies of master files and test certificates shall be submitted along with the dispatch of goods. Master file shall contain:</p> <ul style="list-style-type: none"> <li>•P.O. Copy</li> <li>•Approved drawings.</li> <li>•Bill of materials and test certificates.</li> <li>•Report of tests mentioned in the specifications &amp; QA Plan.</li> <li>•Cleanliness certificate.</li> <li>•Certificate from TPI</li> <li>•Clearance certificate by Purchaser</li> </ul>	Yes / No / Explain		
16	Delivery:	<p>Submission of Document and drawings as per sr.no 14.0: Within 1month from the date of release of purchase Order.</p> <p>Delivery of hoses: Hoses shall be delivered at SDSC SHAR with in 4months from the date of approval of drawings.</p> <p>Delivery term: Delivery term shall be FOR Sriharikota.</p> <p>Delivery Mode: Mode of dispatch shall be by road.</p>	Yes / No / Explain		

17	Warranty:	Hoses shall be warranted for 12months from the date of delivery & acceptance at SDSC SHAR. Warranty certificate shall be issued by the supplier along with the supply.	Yes / No / Explain		
18	Conditions for submission of offer :	<ul style="list-style-type: none"> <li>•Tender evaluation will also be based on preferences for MSME as per public procurement policy.</li> <li>•Prices shall be quoted separately for each hose by indicating the basic price, taxes etc.</li> <li>•Splitting of order is possible based on unit rates of the respective hose designation. Manufacturer shall provide acceptance for split order also.</li> </ul>	Yes / No / Explain		
19	Offer Validity:	The validity of the offers / tenders should be 180 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.	Yes / No / Explain		

20	Taxes:	<p>a. 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.</p> <p>b. 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, Dated: 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.</p>	Yes / No / Explain		
21	Income tax	Income tax at the prevailing rate as applicable and if applicable from time to time shall be deducted from the supplier's bills as per Income Tax Act and a certificate issued (TDS Certificate).	Yes / No / Explain		
22	Terms of payments:	our payment terms will be 100% payment within 30 days after receipt and acceptance at SDSC SHAR on prorata basis for each hose designation.	Yes / No / Explain		



23	Mode of payment	Bidders can submit the banker details and payments can be made through NEFT/RTGS/ECS through PFMS.	Yes / No / Explain		
24	Make in India Clause	As per sr. no 24 of attached specifications.	Yes / No / Explain		
25	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.	Yes / No / Explain		

26	Security deposit	<ul style="list-style-type: none"> <li>•The supplier, whose tender is accepted, will be required to furnish by way of Security Deposit for the due fulfilment of the contract such a sum as will amount to 3 % of the contract price of the work awarded.</li> <li>•The security deposit (bearing no interest) shall be held by the Department as security till satisfactory completion, testing and handing over of all the system and for the due performance of all suppliers' obligations under the contract as per delivery period or extension granted thereof by the Department.</li> <li>•The supplier within 10 days of Purchase Order or signing of Contract, deposit with the Accounts officer, Satish Dhawan Space Centre SHAR, Sriharikota as detailed above by any one or more of the following modes namely <ul style="list-style-type: none"> <li>i. By a crossed demand draft in favour of Accounts officer, Satish Dhawan Space Centre SHAR drawn on SBI and payable at Sriharikota.</li> <li>ii. By an acceptance bank guarantee. The bank guarantee shall be from a nationalized bank for &amp; shall be valid for 30 days beyond completion period.</li> </ul> </li> <li>•In case of breach of contract, the Security deposit shall be forfeited in addition to other relief available to the Department under this contract.</li> </ul>	Yes / No / Explain		
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27	Performance bank guarantee (PBG)	<ul style="list-style-type: none"> <li>•The supplier shall guarantee for the performance of the system/workman ship by providing bank guarantee from a Nationalized / Scheduled Bank in favour of the Department for an amount equivalent to 3 % (three percent) of the total value of this contract valid till the completion of warranty period plus 60 days.</li> <li>•The performance bank guarantee shall be submitted by the supplier with in fifteen days from the date of accepting the material as per the contract. The format for the performance bank guarantee shall be obtained from the Department.</li> </ul>	Yes / No / Explain		
28	Arbitration:	Disputes, if any, shall be settled mutually failing which it shall be referred to a One man Arbitrator to be appointed by Director, SDSC SHAR in accordance with the Indian Arbitration and Conciliation Act 1996, whose decision shall be final and binding on both the parties.	Yes / No / Explain		
29	Applicable law and jurisdiction	The laws of India shall govern this contract for the time being in force. The Courts of Andhra Pradesh, India only shall have jurisdiction to be with and decide any legal matters or disputes what so ever arising out of the contract.	Yes / No / Explain		

30	Force Majeure:	<p>Shall a part or whole work covered under this agreement be delayed due to reasons of Force Majeure circumstances such as, but not restricted to, flood, fire, earthquake, civil commotion, sabotage, explosion, epidemic, quarantine restriction, strike, lock-out, freight embargo, acts of the Government either in its sovereign or Contractual capacity, hostility, acts of public enemy and other acts of God as well as war or revolution, military operation, blockade, acts or actions of State authorities or any other circumstance beyond the control of the parties that have arisen after the conclusion of the present Purchase Order/Contract. In such circumstances, the time stipulated for the performance of an obligation under the Purchase Order/Contract may be extended by a period not in excess of the duration of such Force Majeure. The occurrence shall be notified by either party within reasonable time.</p>	Yes / No / Explain		
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31	Special conditions	<p>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.</p> <p>The bidders should note that conditional discounts would not have edge in the evaluation process of tenders.</p> <p>Non-acceptance of any conditions wherever called for related to Guarantee/ Warranty, Advance Bank Guarantee, Performance Bank Guarantee, Liquidated damages are liable for disqualification.</p> <p>Wherever installation/ commissioning involved, the guarantee/warranty period shall reckon only from the date of installation.</p> <p>The specifications given by the Centre/Unit along with the tender enquiry are confidential and shall not be disclosed to any third party.</p>	Yes / No / Explain		
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32	Exclusion of tenders:	<p>The following tenders shall be summarily rejected from the procurement process:</p> <p>(a) Unsolicited tenders from vendors.</p> <p>(b) The tenders which materially depart from the requirements specified in the tender document or which contain false information.</p> <p>(c) The tenders of vendors who have not agreed to furnish Advance Bank Guarantee or Performance Bank Guarantee.</p> <p>(d) The validity of the tenders is shorter than the period specified in the tender enquiry.</p> <p>(e) 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.</p> <p>(f) The tenders received from vendors, who, in the opinion of the Centre/Unit, have a conflict of interest materially affecting fair competition.</p> <p>(g) 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).</p> <p>(h) In case two or more tenders are received from an Indian agent on behalf of more than one foreign</p>	Yes / No / Explain		
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		Principal/OEM, in the same tender for the same item/product. (i) If a firm quotes 'NIL' charges / consideration, the bid shall be treated as un-responsive and will not be considered.			
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## Supporting Documents required from Vendor

1. Confirmation to Bid evaluation criteria as per Table-3
2. Summary of Production capabilities as per sr.2.0 of Table-3
3. Purchase order copies to meet requirement of sr. no 3 of Table -3
4. Solvency certificate as per sr. no 4.0 of Table-3
5. Submission of balance sheet, Profit and loss statement as per sr. no6.o & 5.0of Table-3
6. Copy of ISO 9001 certification as per sr. no 7.0 of Table-3
7. Compliance to the technical specifications as per sr.no 8.0 of Table-3
8. Self-declaration that there is no complaint/vigilance inquiry against them as per sr. 9.0 of Table-3.

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	As per attached specifications.	Yes / No / Explain	
2	P & F charges, if any, please mention percentage Note: Please state Whether Quoted percentage is Extra or Inclusive, if not it will be treated as included in the quoted cost. Please note that in Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
3	Please mention your GST registration details GST No. for SHAR- GSTIN: 37AAAGS1366J1Z1	Yes / No / Explain	
4	In case of Specific Brand items, Please provide Authorization certificate from OEM.	Yes / No / Explain	
5	Please specify whether you are a MSME if so please furnish the documentary evidence along with your offer. Vendors may please note that MSMEs are not exempted from the submission of security deposit.	Yes / No / Explain	



6	<p>As per Notification No. 05/2018 CUSTOMS Dtd. 25.01.2018 ISRO is eligible to reduced rate of customs duty @ 10.775% (CD@5% plus Surcharge@10% plus IGST@5%). In case of foreign component involved, We will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies/ High Sea Sales. In this connection, tenderer has to provide the following.</p> <p>(i) Please indicate whether your rate is inclusive of this Customs duty @ 10.775% or extra.</p> <p>(ii) what would be the percentage of foreign exchange component you have considered in your quote.</p> <p>(iii) List of items with approximate quantities which require customs duty exemption certificate to be provided.</p> <p>Note: Please state Whether Quoted percentage is Extra or Inclusive, if not it will be treated as included in the quoted cost</p> <p>Please note that in Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.</p>	Yes / No / Explain	
7	<p>Installation Charges, if any, (Please mention the percentage / amount).</p> <p>Note: Please state Whether Quoted percentage is Extra or Inclusive, if not it will be treated as included in the quoted cost</p> <p>Please note that in Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.</p>	Yes / No / Explain	
8	<p>VALIDITY OF OFFER: - The validity of offers/tenders should be 90 days (In case of single part tender) and 120 days (In case of two part tender) from the date of opening of the tenders. Tenders shorter than offer validity mentioned above will not be considered for evaluation.</p>	Yes / No / Explain	
9	<p>Delivery Term:- FOR : SDSC SRIHARIKOTA/SULLURUPETA In case of Foreign orders, FOB or FCA or EX-WORKS.</p>	Yes / No / Explain	

10	<p>Freight charges, if any. If YES please mention the percentage / amount.</p> <p>Note: Please state Whether Quoted percentage is Extra or Inclusive, if not it will be treated as included in the quoted cost</p> <p>Please note that in Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.</p>	Yes / No / Explain	
11	<p>Delivery Period: Delivery period is as per clause no 16 of Tender Specifications.</p>	Yes / No / Explain	
12	<p>Payment Term :-</p> <p>(a)100% payment shall be made through PFMS within 30 days of receipt and acceptance of the item at our site.</p> <p>(b)In case of Foreign orders, Payment term shall be SIGHT DRAFT / 90% BY IRREVOCABLE LETTER OF CREDIT AND BALANCE 10% BY WIRE TRANSFER AFTER RECEIPT &amp; ACCEPTANCE OF THE ORDERED ITEM.</p>	Yes / No / Explain	
13	<p>Liquidated Damages (LD) :- Since delivery is the essence of this order, LD @ 0.5% per week or part thereof subject to a maximum of 10% of the order value for the delayed period of supply/ scope of work.</p>	Yes / No / Explain	
14	<p>Warranty:- Warranty for the offered item shall be from the date of installation/acceptance of the item at our site for a minimum period of one year or as specified in the tender document.</p>	Yes / No / Explain	
15	<p>Performance Bank Guarantee (PBG) :-</p> <p>You have to submit a PBG from a Nationalised / Scheduled Bank for 3 % of the order value at the time of supply valid till the completion of warranty period plus 60 days towards claim period.</p> <p>OR</p> <p>3 % OF THE ORDER VALUE SHALL BE HOLD TILL THE COMPLETION OF WARRANTY PERIOD.</p>	Yes / No / Explain	

16	Security Deposit (SD) :- 3 % 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.	Yes / No / Explain	
17	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 3 % of the Order value valid till the completion of total contractual obligation (i.e., Supply period plus warranty period plus 60 days). Please confirm.	Yes / No / Explain	
18	Insurance :- Being a Govt. Of India Dept., Insurance is not required at our cost. Please ensure the safe delivery of the ordered item with proper transport worthy packing.	Yes / No / Explain	
19	Validity of Offer :-  The validity of the offers / tenders should be 180 days from the date of opening of the tenders. Tenders shorter than offer validity mentioned above will not be considered for evaluation.	Yes / No / Explain	
20	Remarks if any	Yes / No / Explain	
21	In case of foreign orders: (a) Please specify whether any Export clearance is required. (b) Please specify whether any agency commission is involved or not	Yes / No / Explain	

22	<p>Special conditions against Indian Agents submitting quotations in Foreign Currency.</p> <p>(a) Foreign Principals proforma invoice indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.</p> <p>(b) Copy of Agency agreement with the Foreign Principal, precise relationship between them and their mutual interest in the business.</p> <p>(c) The enlistment of the Indian Agent with Director-General of Supplies &amp; Disposals under the Compulsory Registration Scheme of Ministry of Finance.</p>	Yes / No / Explain	
23	Please provide valid/currently using E-mail Id & Contact no. for seeking further clarifications if any	Yes / No / Explain	
24	<p>For this procurement, bids from Class-I &amp; class-II Local Suppliers are admissible. Hence provisions contained in Public Procurement (Preference to Make in India), Order 2017 issued by Department for Promotion of Industry and Internal Trade (DIPP), Ministry of Commerce &amp; Industries vide letter No. P-45021/2/2017-PP(BE-II) dated 04.06.2020 and subsequent amendment &amp; directives shall be followed. Accordingly, offer will be evaluated &amp; processed in conformation with above referred GOI order (Specially mentioned below). The bidder shall provide compliance and undertaking as per order and hereafter amendments: Order no: F.No.6/18/2019 PPD dated 23.07.2020 of Department of Expenditure), Ministry of Finance Under Public procurement division for the General Financial rule (GFRs).</p> <p>(a) Class-I local supplier means a supplier or service provider, whose goods, service or works offered for procurement, has local content equal to or more than 50%, as defined under order.</p> <p>(b) Class-II local supplier means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this Order.</p> <p><b>IT IS ALSO REQUESTED TO PROVIDE MII CERTIFICATE FOR PROVING THE PERCENTAGE OF LOCAL CONTENT.</b></p>	Yes / No / Explain	

25	<p>Taxes: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.</p> <p>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. Taxes for service if any, to be indicated separately.</p>	-	
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### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	P&F IN PERCENTAGE	FREIGHT PERCENTAGE	Remark
1	Flexible Metal Hose FH-3104	1.00 Nos.		-				
2	Flexible Metal Hose FH-3105	1.00 Nos.		-				
3	Flexible Metal Hose FH-3107	1.00 Nos.		-				
4	Flexible Metal Hose FH-3822	1.00 Nos.		-				
5	Flexible Metal Hose FH-3808	4.00 Nos.		-				
6	Flexible Metal Hose FH3807/A	2.00 Nos.		-				

7	Flexible Metal Hose FH-3203	1.00 Nos.	-					
8	Flexible Metal Hose FH-3209	1.00 Nos.	-					
9	Flexible Metal Hose FH-3210	1.00 Nos.	-					
10	Flexible Metal Hose FH-3822B	1.00 Nos.	-					
11	Flexible Metal Hose FH-3808A	4.00 Nos.	-					
12	Flexible Metal Hose FH-3304	1.00 Nos.	-					
13	Flexible Metal Hose FH-3305	1.00 Nos.	-					
14	Flexible Metal Hose FH-3203A	1.00 Nos.	-					
15	Flexible Metal Hose FH-3107B	1.00 Nos.	-					
16	Flexible Metal Hose FH-3105B	1.00 Nos.	-					
17	Flexible Metal Hose FH-3822A	1.00 Nos.	-					
18	Flexible Metal Hose FH-3105A	1.00 Nos.	-					
19	Flexible Metal Hose FH-3001/3002/3003/3004	4.00 Nos.	-					

20	Flexible Metal Hose FH-3005/3006/3009/3010	4.00 Nos.		-				
21	Flexible Metal Hose FH-3007/3008/3011/3012	4.00 Nos.		-				
22	Flexible Metal Hose FH-32	2.00 Nos.		-				
23	Flexible Metal Hose FH-25	2.00 Nos.		-				
24	Flexible Metal Hose FH-40	1.00 Nos.		-				
25	Flexible Metal Hose FH-10 A	5.00 Nos.		-				
26	Flexible Metal Hose FH-10B	16.00 Nos.		-				
27	Flexible Metal Hose FH-10C	4.00 Nos.		-				
28	Flexible Metal Hose FH-8 (1 to 30)	30.00 Nos.		-				
29	Flexible Metal Hose FH-6(1 to 5)	5.00 Nos.		-				
30	Flexible Metal Hose FH-10D(1/2/3/4/5)	5.00 Nos.		-				
31	Flexible Metal Hose FH-4001	2.00 Nos.		-				
32	Flexible Metal Hose FH-4002	1.00 Nos.		-				

33	Flexible Metal Hose FH-4003	1.00 Nos.	-					
34	Flexible Metal Hose FH-4700	1.00 Nos.	-					
35	Flexible Metal Hose FH-711, FH-721, FH-731, FH-741	4.00 Nos.	-					
36	Flexible Metal Hose FH-710, FH-720, FH-730, FH-740	4.00 Nos.	-					
37	Flexible Metal Hose FH-716, FH-726, FH-733, FH-743	4.00 Nos.	-					
38	Flexible Metal Hose FH735, FH745	2.00 Nos.	-					
39	Flexible Metal Hose FH715, FH725	2.00 Nos.	-					
40	Flexible Metal Hose FH734, FH744	2.00 Nos.	-					
41	Flexible Metal Hose FH-760	2.00 Nos.	-					
42	Flexible Metal Hose FH-761	2.00 Nos.	-					
43	Flexible Metal Hose-762	2.00 Nos.	-					
44	Flexible Metal Hose FH-763	2.00 Nos.	-					



45	Flexible Metal Hose FH-764	2.00 Nos.	-					
46	Flexible Metal Hose FH-765	2.00 Nos.	-					
47	Flexible Metal Hose FH-766	8.00 Nos.	-					
48	Flexible Metal Hose FH-767	8.00 Nos.	-					
49	Flexible Metal Hose FH-768	2.00 Nos.	-					
50	Flexible Metal Hose FH-769	1.00 Nos.	-					
51	Flexible Metal Hose FH-770	1.00 Nos.	-					
52	Flexible Metal Hose UOFD,UO TC,UHFD Part-A inner hose	6.00 Nos.	-					
53	Flexible Metal Hose UOFD,UO TC,UHFD, UHRV Part-A outer hose	8.00 Nos.	-					
54	Flexible Metal Hose UHRV Part-A inner hose	2.00 Nos.	-					
55	Flexible Metal Hose UHCI, UOCI Part-A inner hose	4.00 Nos.	-					

56	Flexible Metal Hose UHCI, UOCI Part-A outer hose	4.00 Nos.	-					
57	Flexible Metal Hose UHBC Part-A inner hose	2.00 Nos.	-					
58	Flexible Metal Hose UHBC Part-A outer hose	2.00 Nos.	-					