

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

**Tender for Procurement of refrigerated Liquid Helium in ISO
containers**

Bids to be submitted online

Tender No.: SDSC SHAR/LSSF PURCHASE/SH202200110301 dated 18-10-2022

A. Tender Details

Tender No :	SDSC SHAR/LSSF PURCHASE/SH202200110301
Tender Date :	18-10-2022
Tender Classification:	GOODS
Purchase Entity :	LSSF PURCHASE
Centre :	SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)

Procurement of refrigerated Liquid Helium in ISO containers

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

A.1 Tender Schedule

Bid Submission Start Date : 18-10-2022 15:00

Bid Clarification Due Date : 18-11-2022 15:00

Bid Submission Due Date : 29-11-2022 16:00

Bid Opening Date : 30-11-2022 14:30

Price Bid Opening Date : 15-12-2022 14:30

B. Tender Attachments

Technical Write-up/Drawings

Document : [Liquid Helium Spec](#)

Instructions To Vendors

C. Bid Templates

C.1 Technical Bid - Procurement of refrigerated Liquid Helium in ISO containers

1. LIQUID HELIUM Supply of refrigerated Liquid Helium in ISO containers as per the specifications

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Scope	Refrigerated Liquid helium is to be supplied to SDSC-SHAR centre, Sriharikota which is about 100kms North of Chennai, India in supplier's Liquid helium container	Yes / No / Explain		
2	Quantity	60,000 Ltrs (In Two consignments)	Yes / No / Explain		
3	Purity requirement	Purity shall be assured by gasifying the liquid & gaseous helium should have 99.995% purity (minimum) with maximum impurities for individual elements as given in Tech spec SI No:3	Yes / No / Explain		
4	MIL standard	Gaseous helium obtained from liquid helium shall be tested/analyzed as per MIL_P27407D (Grade-A)	Yes / No / Explain		
5	ISO container	Liquid Helium shall be supplied in the supplier's container of nitrogen shielded liquid helium container of 11,000 US gallons capacity. The container shall be with PBU/self pressurization coil of standard design in order to enable liquid helium transfer	Yes / No / Explain		
6	Fill interface	As per Tech Spec SL No: 4 d	Yes / No / Explain		

7	Trailer detail	Supplier shall provide a flatbed trailer with ISO locks for transporting liquid helium tanker from the port to Sriharikota and back. The trailer shall have hydraulic jacks of self-actuating type for positioning the container on Weigh Bridge as part of Weighment without prime mover	Yes / No / Explain		
8	P&I diagram	Process and Instrumentation (P&I) diagram and operating instruction manual for liquid helium tanker shall be supplied along with consignment	Yes / No / Explain		
9	Helium Quantity calculation	Prices may be quoted for Liquid helium by liter basis. However, the quantity supplied will be certified by weight only. The net weight of liquid helium supplied will be computed based on difference between initial & final weights with filled LN2 shield. The volume of liquid helium supplied will be calculated as per the standard conversion of 1 KG = 8.0062 liters	Yes / No / Explain		
10	Liquid Nitrogen for LN2 shield	Supply of Liquid Nitrogen, filling of Liquid nitrogen to LN2 shield before initial and final weighing at SDSC-SHAR is the responsibility of purchaser on free of cost. Supplier shall ensure LN2 fill interface shall be of 1" MNPT	Yes / No / Explain		
11	Country of Origin	The bidder shall indicate the source of Liquid Helium supply (country of origin) for our information	Yes / No / Explain		

12	Gas Analysis at SDSC	Gas analysis will be conducted by our gas chromatograph for helium gas at SDSC-SHAR prior to unloading of consignment. If it is not meeting the required specification the consignment will be rejected	Yes / No / Explain		
13	Track record	Parties meeting the above required specification and having a satisfactory track record of making similar supplies for the last five years alone are requested to participate in the tender by furnishing the copies of executed orders as a proof without which offer will not be considered for evaluation	Yes / No / Explain		
14	PESO clearance	Under the scope of the supplier, details as per SI No: II scope of approvals & clearances	Yes / No / Explain		
15	Filtration requirement during loading	Liquid helium shall be loaded to the final shipping container through a 10-micron stainless steel filter	Yes / No / Explain		

Supporting Documents required from Vendor

1. Price Bid attachment to indicate rental charges/day for tanker and trailer beyond the free period of 20 days (Price Bid Related)

2. Copies of purchase orders executed by the supplier for similar items during last five years

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Bidder shall quote rental charges for tanker & trailer beyond the free period (i.e 20 days) as given in the price bid format on per day basis separately	Yes / No / Explain	
2	Party shall submit its offer on door delivery basis. Transport of tanker from the country of origin/port to SDSC-SHAR and back is responsibility of supplier. SDSC SHAR shall not be liable for any demurrages in the course of handling and transportation	Yes / No / Explain	
3	Technically qualified offer alone will be considered for price bid opening	Yes / No / Explain	
4	Supply of Liquid Helium Container shall be effected within 30 days from the date of request for supply by the purchaser	Yes / No / Explain	
5	Bidder shall confirm that quoted prices are fixed and firm till the execution of purchase order is completed, which is expected to be completed within 1 year from the placement of purchase order	Yes / No / Explain	
6	60,000 Ltrs of Liquid Helium will have to be supplied in two consignments depending upon the purchaser requirement within one year from the placement of purchase order	Yes / No / Explain	
7	Any deviations in specifications are to be clearly brought out in the offer. Point wise confirmations shall be furnished as part of quotation	Yes / No / Explain	
8	Insurance: SDSC-SHAR will not insure your equipment / products	Yes / No / Explain	
9	Weighment of Liquid Helium tanker at department weigh-bridge at SDSC- SHAR, Sriharikota shall be final	Yes / No / Explain	
10	Purchaser is not responsible for any delay in ship berth at respective ports and when the consignment is rebooked /dispatched to supplier	Yes / No / Explain	

11	<p>Taxes: GST if any, please mention percentage (HSN/SAC code shall be indicated for each item and accordingly mention the GST Rate applicable as per prevailing guidelines.)</p> <p>Note: Suppliers are requested to explicitly state whether Quoted percentage is Extra or Inclusive, If Not i.e, if you quote as "YES/Accepted /Noted/ As per tender specifications" it will be treated as included in the quoted basic cost.</p> <p>Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.</p>	Yes / No / Explain	
12	<p>Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1 plus 15% (Selected by Buyer) of margin of purchase preference/price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY.</p> <p>Clearly specify whether you are eligible for MSE Preference. If YES, supporting documents shall be uploaded.</p>	Yes / No / Explain	

13	<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. (ii) what would be the percentage of foreign exchange component you have considered in your quote. (iii) List of items with approximate quantities which require customs duty exemption certificate to be provided. Note: Suppliers are requested to explicitly state whether Quoted percentage is Extra or Inclusive, If Not i.e, if you quote as "YES/Accepted /Noted/ As per tender specifications" it will be treated as included in the quoted basic cost. Please note that in Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.</p>	Yes / No / Explain	
14	<p>VALIDITY OF OFFER: - The validity of offers/tenders should be 120 days 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	
15	<p>Delivery Term:- FOR :SDSC SAHR, Sriharikota Note: Transport of tanker from the country of origin/port to SDSC-SHAR and back is responsibility of supplier. SDSC SHAR shall not be liable for any demurrages in the course of handling and transportation.</p>	Yes / No / Explain	
16	<p>Contract Period: 60,000 Ltrs of Liquid Helium shall be supplied in two consignments depending upon the purchaser requirement within one year from the placement of purchase order Note: The supply of Liquid Helium shall be effected within 30 days from the date of request for supply by the purchaser.</p>	Yes / No / Explain	

17	Payment Term :- 100% payment shall be made through PFMS on pro-rata basis within 30 days of receipt and acceptance of the item at our site.	Yes / No / Explain	
18	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.	Yes / No / Explain	
19	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	
20	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	
21	Remarks if any	Yes / No / Explain	
22	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	
23	Special conditions against Indian Agents submitting quotations in Foreign Currency. (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. (b) Copy of Agency agreement with the Foreign Principal, precise relationship between them and their mutual interest in the business. (c) The enlistment of the Indian Agent with Director-General of Supplies & Disposals under the Compulsory Registration Scheme of Ministry of Finance.	Yes / No / Explain	

24	Please provide valid/currently using E-mail Id & Contact no. for seeking further clarifications if any	Yes / No / Explain	
25	Mention your GST registration details. GST No. for SHAR- GSTIN: 37AAAGS1366J1Z1	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	LIQUID HELIUM Supply of refrigerated Liquid Helium in ISO containers as per the specifications	60000.00 Litre		-		