

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

TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/23/2018-19

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

Sl No	Ref. No.	Description	Qty.
01	SHLS 2018 00 1361 GLOBAL Tender [Two Part basis]	Supply of High Pressure Seamless Gas Cylinders and spare kits	1 LS
02	SHAR SC 2018 00 8757 e-procurement [Single Part basis]	Services for Computer Education for the Students of Class-IV to Class X of Space Central School, SDSC SHAR, Sriharikota, Pulicat Nagar and Swarnamukhi Nagar for a period of TWO years for 675 Students.	675 Nos.
03	SHAR SPP 2018 00 9217 e-procurement [Single Part basis]	Design, Fabrication, supply, Erection and Commissioning of Infrared based continuous Drier	1 No.
04	SHAR SP 2018 00 9592 e-procurement [Two Part basis].	Procurement of Materials, Fabrication, supply, erection, commissioning as per drawings & technical specification document	1 No.
05	SHAR SC 2018 00 9624 e-procurement [Two part basis]	Housekeeping Consumables	1 LS
06	SHAR SP 2018 00 9721 e-procurement [Two Part basis]	Supply, erection, Testing and Commissioning of Automated Weighing and feeding system for Ammonium Perchlorate (AP), Aluminum Powder (Al) and Resin for 4.5t and 2.5 Vertical Mixer Facility.	1 Lot
07	SHAR SC 2018 00 9806 e-procurement [Two part basis]	Providing Direct to Home (DTH) Service at SDSC SHAR Guest House Complex, Sriharikota.	1 LS
08	SHAR SC 2018 00 9873 e-procurement [Single part basis]	Duty Medical Officers on contract basis to work in 3 shift at SHAR Hospital ETR for a period of 30 months.	30 Months
09	SHAR LS 2018 00 9904 GLOBAL Tender e-procurement [Two Part basis]	Supply of Refrigerated Liquid Helium	80000 Ltrs.
10	SHAR SPP 2018 00 9968 e-procurement [Single Part basis]	Procurement of material, fabrication, supply, inspection, transportation and testing & commissioning of 75t Modular loads	1 LS
11	SHAR CMD 2018 0 10015 e-procurement [Two Part basis]	Supply of 11 kV (E), grade XLPE insulated, HT, UG Power Cables	13500 Mtrs.
12	SHAR CMD 2018 0 10030 e-procurement [Two Part basis]	Supply, Installation, Testing and Commissioning of 11kV/415V, 3000kVA Transformer	1 Lot
13	SHAR CMD 2018 0 10044 e-procurement [Two Part basis]	Construction Supervision and Inspection Services for Construction of Facilities for Visitors Complex, Sriharikota	1 LS
14	SHAR CMD 2018 0 10058 e-procurement [Two Part basis]	Supply, Installation, Testing and Commissioning of Indoor & Outdoor VCB Panels	1 LS

Last Date for downloading of tender documents : 29.01.2019 at 16:00 hrs.
Due Date for submission of bids online : 29.01.2019 at 16:00 hrs.
Due Date for Bid Sealing on : 29.01.2019 at 16:01 hrs. to 29.01.2019 at 17.30 hrs.
Due Date for Open Authorization : 29.01.2019 at 17.31 hrs. to 31.01.2019 at 17:00 hrs.
Due Date for opening of tenders : 01.02.2019 at 14:30 hrs.

Instructions to Tenderers:

No tender fee shall be applicable for tenders submitted through EGPS

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.org; ISRO e-procurement website <https://eprocure.isro.gov.in> and SDSC SHAR, Sriharikota website www.shar.gov.in. The same can be down loaded and offer submitted on line in the e-procurement portal.

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

05. The tender documents are available for download upto **29.01.2019 at 1600 hrs.** and **last date for submission of tenders on line 29.01.2019 at 1600 hrs.** and **Tender Opening on 01.02.2019 at 14:30 hrs.**

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

DT: 03.01.2019

Sr. HEAD, PURCHASE AND STORES

TECHNICAL SPECIFICATIONS FOR SUPPLY OF SEAMLESS HIGH PRESSURE GAS CYLINDERS

1. Scope:

Design, fabrication, assembly, inspection, testing, painting, Packing and delivery of hot rolled seamless gas cylinders (Transportable) to form modules with valves and accessories.

2. Technical details:

Sl. No	Description	Specification
1.	Name/classification of gas to be stored	Helium/Nitrogen
2.	Design, construction, testing	DOT – 3T / BS 5045 / GOST 12247 – 80 /BS EN ISO 11120:1999
3.	Material	Chrome alloy steel (Ingots for cylinder manufacturing shall be from the reputed make) Group II, 34CrMo4 or equivalent
4.	Configuration	Horizontal
5.	Service operation	Transportable
6.	Outside diameter	To be specified (As per design code)
7.	Operating pressure	400 bar at 15 deg C
8.	Operating temperature	-20 Deg.C to 65 Deg.C
9.	Hydro Test pressure	To be specified
10.	External corrosion allowance	3 mm
11.	Wall thickness	To be specified
12.	Length	Not to exceed 11.9 meters
13.	Shape of Ends	Both ends hemi spherically forged.
14.	End fittings	<p>a) Standard end adaptors with required porting for valves and gauges. Refer Dwg No: LSSF-CGS-Cylinder-02.</p> <p>b) Both ends hemi spherically forged (without threads).</p> <p>c) Both ends shall be suitable for fixing end closures and end closure shall encompass sealing with 'O' rings and back up ring for easy dismantling and assembling of end closures for periodic inspection and testing. Refer Dwg No: LSSF-CGS-Cylinder-01.</p> <p>d) End closure shall be holded with split ring internally and with hexagonal nut externally.</p> <p>e) End closure shall have provision for mounting Charging valve, Pressure monitoring gauge valve in inlet side.</p> <p>f) End closure shall have provision for mounting delivery valve, drain/vent valve in outlet side.</p>
15.	Type of cylinder	Cylinders shall be of seamless type
16.	Water Volume	2000 Liters minimum per Cylinder
17.	Steel work	a) All the cylinders shall be mounted on

Sl. No	Description	Specification										
		<p>open end square box on both sides. The box section shall be suitably designed to withstand the load of 5 cylinders when they arranged on the fixed concrete pedestal covered under the RCC roof. Refer Dwg No: LSSF-CGS-Cylinder-02. Cylinder supporting structure block drawing is enclosed. Refer Dwg No: LSSF-CGS-Cylinder-03. Total 20 Nos of cylinder supporting structure blocks shall be supplied along with the cylinders.</p> <p>b) For shipping and installation purposes, the banks shall be fitted with 4 temporary lifting lugs. During shipping maximum 4 cylinders per trailer (maximum pack of height – 2 Nos) are envisaged (or) as per the trailer capacity. However lifting lugs are mandatory for handling the cylinders.</p> <p>c) The steel frame shall be shot blasted and then painted with same paint finish as that of cylinders after assembly of cylinders or galvanized finish as per the standard.</p>										
18.	Finish	<p>a) Inside surface to be shot blasted according to SIS 05.5900-1967 class B SA2 or equivalent standard.</p> <p>b) External surface to be shot blasted according to SIS 05.5900-1967 Class B SA 2½ or equivalent standard and painted with a 3 coat 2 pack epoxy paint.</p> <p>c) It consists of a Zinc rich primer, Hi-Build Epoxy and enamel finish.</p> <p>d) Colour - French Grey with black shoulder for nitrogen (40 Nos), mid brown for helium (47 Nos). Total DFT 340 micron</p>										
19.	Design accordance	The Cylinders shall be designed in accordance with design code, relevant documents shall be submitted to Chief Controller of Explosives (CCE), Nagpur, India by the supplier and clearance shall be obtained by the supplier.										
20.	Arrangement of Flow components and its specifications											
a)	Each cylinder shall be provided with a <u>drain valve (vent valve)</u> with dip tube arrangement at one end and cylinder neck valve on either side. Pressure gauge with gauge shut-off valve shall be mounted on one end of the cylinder.											
a)	<p>Charging side Cylinder Neck valve – Angle Valve</p> <table border="1" data-bbox="274 1854 1458 2033"> <tr> <td data-bbox="274 1854 837 1892">Charging Side neck valve</td> <td data-bbox="837 1854 1458 1892">1/2" NPT (M)</td> </tr> <tr> <td data-bbox="274 1892 837 1930">Cv of the neck valve</td> <td data-bbox="837 1892 1458 1930">1.1</td> </tr> <tr> <td data-bbox="274 1930 837 1968">Type</td> <td data-bbox="837 1930 1458 1968">Globe – Angle Valve</td> </tr> <tr> <td data-bbox="274 1968 837 2007">Working Pressure</td> <td data-bbox="837 1968 1458 2007">400 bar</td> </tr> <tr> <td data-bbox="274 2007 837 2033">Material</td> <td data-bbox="837 2007 1458 2033">German Material No: 1.4571</td> </tr> </table>		Charging Side neck valve	1/2" NPT (M)	Cv of the neck valve	1.1	Type	Globe – Angle Valve	Working Pressure	400 bar	Material	German Material No: 1.4571
Charging Side neck valve	1/2" NPT (M)											
Cv of the neck valve	1.1											
Type	Globe – Angle Valve											
Working Pressure	400 bar											
Material	German Material No: 1.4571											

Sl. No	Description	Specification
	Minimum bore	6.4 mm Ø
	Make	M/s Haage Anagramm
	Delivery side Cylinder Neck valve – Angle Valve	
	Delivery Side neck valve	3/4" NPT (M)
	Cv of the neck valve	2.4
b)	Type	Globe – Angle Valve
	Working Pressure	400 bar
	Material	German Material No: 1.4571
	Minimum bore	12 mm Ø
	Make	M/s Haage Anagramm
	Delivery Side Drain/Vent valve – Straight way valve	
	Drain Valve-Delivery Side vent valve-Straight way valve	1/2" NPT (M)
	Cv of the neck valve	1.1
c)	Type	Globe – Straight way valve
	Working Pressure	400 bar
	Material	German Material No: 1.4571
	Minimum bore	6.4 mm Ø
	Make	M/s Haage Anagramm
	Gauge Shut off valve:	
	Type	Single valve with vent provision
	Material	SS316 / German Material No: 1.4571
d)	End Connections	Inlet : 1/2" NPT (Male) Outlet: 1/2" NPT/1/2" BSPP/Metric (female)
	Bore	4mm
	Make	Kenmac/ Thompson/ Haage Anagramm/ DB Armatura/Colsen X-cel/ Estanit/ Equivalent
	Pressure gauge:	
	Type	Bourdon
	Dial Size	4" Dial
e)	End Connection	M20 x 1.5 (M)/ 1/2" BSP (M)/1/2" NPT
	Material of construction	SS304/304L/SS316L/SS316
	Accuracy	+/- 1.0 %
	Make	Wika/ Equivalent

3. Inspection Details:

- i. Inspection agency - TPI
- ii. Approved Third party inspection agencies - Lloyds, B.I.E, TUV, BV

iii. Inspection details:

- a) Verification of Material Test Certificates (MTC's) of ingots & other materials.
- b) Verification of Material Test certificates/performance reports for bought out items like valves, tubes, fittings, gauges, etc.
- c) Verification of cylinder volume.
- d) Design adequacy check & approval as per code.
- e) Approval of drawings for fabrication.
- f) Witnessing & certifying hydrostatic stretch test/ pneumatic test as per code.
- g) Inspection of internal surface and cleanliness/contamination check.

- h) Other standard Inspection as per the code of design.
- i) Certification of cylinders as per design code.

4. Documents to be submitted prior to fabrication to the purchaser for approval:

- a) Cylinder design calculations
- b) Fabrication drawings of modules showing valves, pressure gauges, etc.,
- c) Characteristics of flow components
- d) Catalogues of flow components for the purpose of operation / maintenance.
- e) General Assembly drawing of each flow component.

5. Quantity:

Sl.No	Description	Quantity (Nos)	Operating Pressure (Bar)
1.	Water Volume of each cylinder 2000 Liters	87	400
Spare set : (One spare set contains: one charging side neck valve, one delivery sideneck valve, one straight way valve and internal spares of the respective valves viz. stem, gland, 3 packings and packing ring)			
2.	Charging side Cylinder Neck valve – ½” NPT Angle Valve (Cv 1.1 with DN6.4mm)	44	400
3.	Delivery side Cylinder Neck valve – ¾” Angle Valve (Cv 2.4 with DN 12mm)	44	400
4.	Delivery Side Vent valve – ½” NPT Straight way valve (Cv 1.1 with DN6.4mm)	44	400
5.	Spare kits for ½” NPT Angle Valve-DN6.4, Cv 1.1 (For Sl.No:2) (one spare kit: Stem, Gland, 3 packings, packing ring)	44 Sets	400
6.	Spare kits for ¾” NPT Angle Valve-DN12, Cv 2.4 (For Sl.No:3) (one spare kit: Stem, Gland, 3 packings, packing ring)	44 Sets	400
7.	Spare kits for ½” NPT Straight way valve-DN6.4, Cv 1.1 (For Sl.No:4) (one spare kit: Stem, Gland, 3 packings, packing ring)	44 Sets	400

6. Bid/Offer Submission details:

Offers should be sent to the following address in a sealed cover duly superscribing the Tender Enquiry number and due date on the cover. Separate sealed covers **(One sealed cover for Technocommercial bid and second sealed cover for price bid)** should be used for submitting offers. In view of Two Part Tender,

fax/email offers will not be accepted. The Offers submitted contrary to above instructions will be liable for rejection.

Purchase & Stores Officer, Tender Section
Satish Dhawan Space Centre - SHAR
Sriharikota - 524 124, Nellore Dt. A.P. India
Phone No. 91-(0)8623-225023 & 225174
Fax No. 91-(0)8623-225170

a) Supplier shall present the bids on two-part basis as highlighted below:

- ✓ **Part-I: Techno-Commercial bid in a sealed cover.**
- ✓ **Part-II: Price bid indicating the price in a sealed cover.**

6.1 Part-I: Techno-Commercial bid:

The tenderer shall necessarily present the following in the techno-commercial bid:

- The tenderer shall furnish **point-wise confirmation (Technical Compliance attached in Annexure-III)** for the technical specifications given in the enquiry. However change of specifications/ deviations (if any) shall be brought out in the offer with detailed justification. Suppliers are expected to furnish quotations with best match to design standards, materials of construction and other technical conditions
- Supplier shall submit the technical details like drawings & data sheets of cylinders and associated flow components along with the offer **without which the offer will not be considered.**
- The tenderer shall necessarily furnish the details of previously executed orders confirming the design, fabrication and delivery of 2 Cu.M & 400 Bar high pressure gas cylinders. Necessary documentary evidence along with end user certificate (confirming the satisfactory performance of the goods supplied) shall be submitted along with offer as a mandatory requirement. **Non-compliance of this requirement shall lead to rejection of the offer.**
- **Documents to be submitted along with the offer:**
 - i. Basic cross sectional drawing of the cylinder with associated flow components indicating the bill of materials
 - ii. General arrangement drawing with cylinder and square box on both sides with suitable bolting.
 - iii. Design code considered, thickness calculation and test pressures.

- Tenderer need to furnish the details related to commercial terms indicating payment terms, details of bank guarantee in case of advance payments & name of Third Party Inspection Agency proposed etc.
- 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.
- Mode of dispatch of the cylinders shall be by SEA/Road/Rail. The quotation submitted shall be on CPT Chennai SEA PORT basis including the inland transportation if any for foreign suppliers. For Indian suppliers, delivery terms shall be supply of cylinders & unloading at specified location at SDSC SHAR, Sriharikota.
- The country of Origin and the place of manufacturing/works shall be clearly indicated in the offer.
- The Bidders shall indicate clearly the delivery/time period for supplying the items to SDSC SHAR.
- **Bidder need to submit Unpriced price bid copy (as highlighted below) indicating the description of all the cost elements considered, without indicating the price. Tenderer shall note that indication of price in the techno-commercial bid shall lead to dis-qualification of bid.**
- **The price bids will be opened only after evaluation and acceptance of the technical bid of the respective tenderer.**

6.1.1 Format of Un-Priced Price Bid:

- ✓ **Confirmation of technical specifications by supplier shall be given in the format as given in Annexure-III**
- ✓ **Confirmation of item wise cost break up by the supplier**

Sl. No	Description	Quantity	Unit Cost	Total Cost	Separate Cost mentioned in price bid (YES/NO)
1.	Cost of the cylinders	87 Nos	Cost to be indicate only in the price bid	Cost to be indicate only in the price bid	
2.	Cost of the spares	44 sets			
3.	Cost of TPIA	-			
4.	Packing Charges	-			
5.	Additional Taxes (as applicable), if any				
6.	Transportation	-			

Sl. No	Description	Quantity	Unit Cost	Total Cost	Separate Cost mentioned in price bid (YES/NO)
	Charges				

6.2 Part-II: Price bid indicating the price:

Price bid should be submitted by the tendered in the following format with price break up.

Sl. No	Description	Quantity	Unit Cost	Total Cost
1.	Cost of the cylinders	87 Nos		
2.	Cost of the spares	44 sets		
3.	Cost of TPIA			
4.	Packing Charges			
5.	Additional Taxes (as applicable), if any			
6.	Transportation Charges			

Bid Evaluation criteria: Total Landed cost (Basic + Spares+ TPI+ Packing charges +additional taxes applicable +Transportation charges from ex-works to SDSC-SHAR) will be the basis for finalization of the purchase order.

7. 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.**

8. GST:

As per 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 a reduced rate of IGST @ 5% for the procurements made by the Dept. of Space (DOS) being a public funded research Institution. Accordingly, SHAR will provide IGST exemption certificate.

9. Customs Duty :

As per Notification no. 05/2018 Customs Dt.25.01.2018 ISRO is eligible to pay reduced rate of customs duty @10.77% (CD @5%+IGST @5%). Hence party need to indicate whether mentioned rates are inclusive of this Customs Duty @10.77% or extra.(SHAR will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies).

Any imported item mentioned by the supplier in the price bid shall be inclusive of CDEC cost component.

10. Payment Terms :

Our general payment terms are within 30 days after receipt and acceptance of items at purchaser's (SDSC-SHAR, Sriharikota) site.

However, in case of any request from supplier/party, the following payment terms may be considered.

- a) 30% of order value as advance against submission of Advance Bank Guarantee
- b) 60% of order value against receipt of items at SDSC SHAR against IRREVOCABLE LETTER OF CREDIT
- c) Balance 10% of order value against satisfactory performance of items against Performance Bank Guarantee.

11. 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.

12. 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.

13. 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.

14. Security Deposit :

Security Deposit for 10% of the order value is mandatory, 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.

15. Arbitration:

Disputes, if any, shall be settled mutually failing which it shall be referred to an Oneman 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.

16. Tender Evolution criteria:

- a. Tenderers should have satisfactorily completed the contract as mentioned below during the last Five years.
 - Single contract value not less than Rs. 15 Crores
 - Two contracts of value not less than Rs. 11 Crores.
- b. Tenderers should have average annual turnover for the last three years (FY:2015-16,2016-17 & 2017-18) of Rs.22 Crores.

17. General Terms& Conditions:

1. Source details of ingots used for cylinder manufacturing shall be submitted prior to the commencement of manufacturing cylinder for approval.
2. Shipment of the cylinders shall be made as 1 off 2 cylinders wide with lifting lugs. Two-cylinder module weight shall be less than 10 tones.
3. The cylinder design calculations and fabrication drawings and details of valves, pressure gauge with size, end connection, material of construction, make, pressure rating etc., shall be submitted for our approval before commencement of production.
4. The necessary drawings, design calculations and technical data with relevant test certificates approved by the Inspection Agency shall be sent to CCE, Nagpur and approval shall be obtained by supplier.
5. The final approved drawings and accessories shall be sent to the Purchaser (3 copies) along with dispatch.
6. **WARRANTY:** The Equipment with accessories supplied shall be warranted for trouble free service of 18 months period from the date of receipt and acceptance. In case any defects are noticed during the above period due to faulty design, poor workmanship, use of substandard materials etc., the same shall be rectified / replaced by you free of cost within a reasonable period.
7. All openings shall be suitably plugged to avoid damage/ contamination during transportation. Preservation pressure of 2 Bar with dry nitrogen shall be maintained during shipment in order to avoid entry of moisture/foreign particles during shipment.
8. Cylinders support structure shall have proper arrangement to fix on the mobile Trolley for transportation (Maximum number of cylinders – 4 Nos. Stack height: 2 Nos)
9. The gas cylinders are proposed to be positioned horizontally. Vertical cylinders are not acceptable.
10. Delivery time shall be indicated in the offer. Payment terms shall be specified.
11. After the assembly of inlet, outlet, drain/vent valves, gauge shut off valve and pressure gauges to the end closure leak check of all threaded joints shall be carried out with 50 bar dry nitrogen.
12. Tentative QAP is enclosed as part of technical specifications in Annexure-II. However final QAP shall be mutually agreed and finalized.
13. Party shall submit the **Technical Compliance along with the Technical Bid enclosed in Annexure-III.**

14. Design standard, cylinder identification/serial no, year of manufacture, date of hydro test shall be punched on the cylinder on either side of cylinder hemi sphere.
15. Schematic drawing of cylinder with rapid closure arrangement is enclosed.
- 16.** Delivery is the essence of the contract. Delivery period of all items shall be within **12 months from the date of release of purchase order. This includes license from CCE, Nagpur.**
 - ✓ Party has to submit the fabrication drawings for approval within one month after release of purchase order.
 - ✓ Total supply of items shall be completed within 11 months after approval of the fabrication drawings.

18. Tentative Quality Assurance Plan (QAP)

Sl. No	Characteristics/ Type of check	Reference documents	Method of check	Supplier's QC	TPI Scope	Purchaser's Inspector
1.	Verification of Material Test Certificates (MTCs) of ingots and other materials.	-----	Raw material test certificates review.	H 100%	R 100%	R 100%
2.	Verification of Test certificates/performance reports for bought out items like valves, tubes, fittings, gauges, etc.	-----	Test Certificates review	H 100%	R 100%	R 10%
3.	Design check	<ul style="list-style-type: none"> As per the manufacturing standard 	Design verification	H 100%	R 100%	R 100%
4.	Fabrication drawings		Review	H 100%	R 100%	H 100%
5.	Hydrostatic stretch test		Witnessing	H 100%	W 100%	R 100%
6.	Pneumatic leak check with associated flow components at 50 Bar.	<ul style="list-style-type: none"> As per the manufacturing standard 	Witnessing	H 100%	W 10%	R 100%
7.	Inside surface shot blasting certificate review	<ul style="list-style-type: none"> SIS 05.5900-1967 Class B SA2/ Equivalent 	Review	H 100%	R 100%	R 100%
8.	External surface shot blasting and painted with <u>3 coat 2 pack epoxy paint.</u>	<ul style="list-style-type: none"> SIS 05.5900-1967 Class B SA 2 1/2/ Equivalent 	Review	H 100%	R 100%	R 100%
9.	Inspection of internal surface and cleanliness	<ul style="list-style-type: none"> As per the manufacturing standard 	Verification	H 100%	W 100%	R 100%

Legend: R – Review, RN – Randomly, W-Witnessing, H – Hold

Technical Compliance
(To be submitted by the bidder along with Technical Bid)

Tenderer shall furnish point-wise confirmation for the following. Change of specifications/ deviations (if any) shall be brought out in the offer with detailed justification.

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
1.	Design, fabrication, assembly, inspection, testing, painting, Packing and delivery of hot rolled seamless gas cylinders (Transportable) to form modules with valves and accessories.	
2.	Name/classification of gas to be stored (Helium/Nitrogen).	
3.	Material:Chrome alloy steel (Ingots for cylinder manufacturing shall be from the reputed make) Group II, 34CrMo4 or equivalent- To be confirmed by the party./	
4.	Configuration - Horizontal.	
5.	Service Operation - Transportable	
6.	Outside Diameter - To be specified by the party	
7.	Operating Pressure - 400 bar at 15 deg C	
8.	Operating temperature-20 Deg.C to 65 Deg.C	
9.	Hydrotest Pressure - To be specified by the party	
10.	External Corrosion allowance - 3mm	
11.	Wall thickness - To be specified by the party	
12.	Length - Not to exceed 11.9 meters - To be specified by the party.	
13.	Shape of Ends - Both ends hemi spherically forged.	
End fittings		
14.	Standard end adaptors with required porting for valves and gauges. Refer Dwg No: LSSF-CGS-Cylinder-02.	
15.	Both ends hemi spherically forged (without threads).	
16.	Both ends shall be suitable for fixing end closures and end closure shall encompass sealing with 'O' rings and back up ring for easy dismantling and assembling of end closures for periodic inspection and testing. Refer Dwg No: LSSF-CGS-Cylinder-01.	
17.	End closure shall be holded with split ring internally and with hexagonal nut externally.	
18.	End closure shall have provision for mounting Charging valve, Pressure monitoring gauge valve in inlet side.	
19.	End closure shall have provision for mounting delivery valve, drain/vent valve in outlet side.	
20.	Type of cylinder- Cylinders shall be of seamless type	

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
21.	Water Volume - 2000 Liters minimum per Cylinder	
Steel Work		
22.	All the cylinders shall be mounted on open end square box on both sides. The box section shall be suitably designed to withstand the load of 5 cylinders when they arranged on the fixed concrete pedestal covered under the RCC roof. Refer Dwg No: LSSF-CGS-Cylinder-02. Cylinder supporting structure block drawing is enclosed. Refer Dwg No: LSSF-CGS-Cylinder-03. Total 20 Nos of cylinder supporting structure blocks shall be supplied along with the cylinders.	
23.	For shipping and installation purposes, the banks shall be fitted with 4 temporary lifting lugs. During shipping maximum 4 cylinders per trailer (maximum pack of height – 2 Nos) are envisaged (or) as per the trailer capacity. However lifting lugs are mandatory for handling the cylinders.	
24.	The steel frame shall be shot blasted and then painted with same paint finish as that of cylinders after assembly of cylinders or galvanized finish as per the standard.	
25.	Inside surface to be shot blasted according to SIS 05.5900-1967 class B SA2 or equivalent standard.	
26.	External surface to be shot blasted according to SIS 05.5900-1967 Class B SA 2½ or equivalent standard and painted with a 3 coat 2 pack epoxy paint.	
27.	It consists of a Zinc rich primer, Hi-Build Epoxy and enamel finish.	
28.	Colour - French Grey with black shoulder for nitrogen (40 Nos), mid brown for helium (47 Nos). Total DFT 340 micron	
29.	Design Accordance: The Cylinders shall be designed in accordance with design code, relevant documents shall be submitted to Chief Controller of Explosives (CCE), Nagpur, India by the supplier and clearance shall be obtained by the supplier.	
30.	Each cylinder shall be provided with a <u>drain valve (vent valve)</u> with dip tube arrangement at one end and cylinder neck valve on either side. Pressure gauge with gauge shut-off valve shall be mounted on one end of the cylinder.	
31.	Charging side Cylinder Neck valve – ½” NPT (M) Angle Globe Valve. Cv 1.1 Bore – DN 6.4mm Make – M/s Haage Anagramm Material: German Material No: 1.4571 Working Pressure : 400 Bar	
32.	Delivery side Cylinder Neck valve – ¾” (M) NPT Angle Globe Valve. Cv 2.4 Bore – DN 12 mm Make – M/s Haage Anagramm Material: German Material No: 1.4571	

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
	Working Pressure : 400 Bar	
33.	Delivery side Drain/Vent Valve: Globe - Straight Way Valve ½" NPT (M). Cv 1.1 Bore – 6.4mm Make – M/s Haage Anagramm Material: German Material No: 1.4571 Working Pressure : 400 Bar	
34.	Gauge Shut off valve – Single Valve with Vent provision. Bore – 4mm Make – Kenmac/ Thompson/ Haage Anagramm/ DB Armatura/ Colsen X-cel/ Estanit/ Equivalent(Shall be mentioned by the supplier). Material:SS316L/ German Material No: 1.4571 End Connection- Inlet: ½" NPT (M) Outlet: ½" NPT/ ½" BSPP/ Metric (F) Working Pressure : 400 Bar	
35.	Pressure gauge details shall be mentioned. 1. Bourdon type 2. Dial Size – 4" Dial. 3. End Connection- M20 x 1.5 (M)/ ½" BSP (M)/ ½" NPT 4. Material of construction- SS304/ SS304L/ SS316L/ SS316. 5. Accuracy- ±1.0% 6. Make- Wika/ Equivalent.	
36.	TPI agency to be mentioned (Lloyds, B.I.E, TUV, BV).	
37.	Party shall confirm the TPI scope	
38.	Verification of Material Test Certificates (MTC's) of ingots & other materials	
39.	Verification of Material Test certificates/performance reports for bought out items like valves, tubes, fittings, gauges, etc.	
40.	Verification of cylinder volume	
41.	Design adequacy check & approval as per code	
42.	Approval of drawings for fabrication	
43.	Witnessing & certifying hydrostatic stretch test/ pneumatic test as per code	
44.	Inspection of internal surface and cleanliness/contamination check	
45.	Other standard Inspection as per the code of design	
46.	Certification of cylinders as per design code	
47.	Documents to be submitted prior to fabrication to the purchaser for approval	

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
48.	Cylinder design calculations	
49.	Fabrication drawings of modules showing valves, pressure gauges, etc.,	
50.	Characteristics of flow components	
51.	Catalogues of flow components for the purpose of operation / maintenance	
52.	General Assembly drawing of each flow component	
Techno Commercial Bid		
53.	Separate sealed covers <u>(One sealed cover for Technocommercial bid and second sealed cover for price bid)</u> should be used for submitting offers. In view of Two Part Tender, fax/email offers will not be accepted. The Offers submitted contrary to above instructions will be liable for rejection.	
54.	Supplier shall submit the technical details like drawings & data sheets of cylinders and associated flow components along with the offer <u>without which the offer will not be considered.</u>	
55.	The tenderer shall necessarily furnish the details of previously executed orders confirming the design, fabrication and delivery of 2 Cu.M & 400 Bar high pressure gas cylinders. Necessary documentary evidence along with end user certificate (confirming the satisfactory performance of the goods supplied) shall be submitted along with offer as a mandatory requirement. <u>Non-compliance of this requirement shall lead to rejection of the offer.</u>	
56.	Documents to be submitted along with the offer: i. Basic cross sectional drawing of the cylinder with associated flow components indicating the bill of materials ii. General arrangement drawing with cylinder and square box on both sides with suitable bolting. ii. Design code considered, thickness calculation and test pressures.	
57.	Tenderer need to furnish the details related to commercial terms indicating payment terms, details of bank guarantee in case of advance payments & name of	

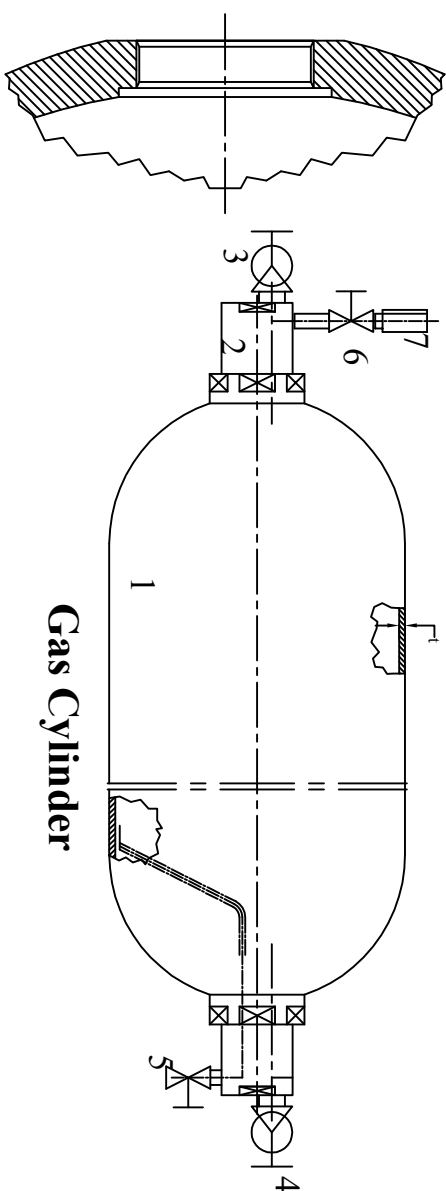
Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
	Third Party Inspection Agency proposed etc.	
58.	In case, the tenderer is not interested to participate in the tender, the tenderer shall submit regret letter giving reasons, failing which future enquiries will not be sent.	
59.	Mode of dispatch of the cylinders shall be by SEA/Road/Rail. The quotation submitted shall be on CPT Chennai SEA PORT basis including the inland transportation if any for foreign suppliers. For Indian suppliers, delivery terms shall be supply of cylinders & unloading at specified location at SDSC SHAR, Sriharikota.	
60.	The country of Origin and the place of manufacturing/works shall be clearly indicated in the offer.	
61.	The Bidders shall indicate clearly the delivery/time period for supplying the items to SDSC SHAR.	
62.	Separate sealed covers <u>(One sealed cover for Technocommercial bid and second sealed cover for price bid)</u> should be used for submitting offers. In view of Two Part Tender, fax/email offers will not be accepted. The Offers submitted contrary to above instructions will be liable for rejection.	
63.	Tenderer shall note that indication of price in the techno-commercial bid shall lead to dis-qualification of bid.	
64.	<u>The price bids will be opened only after evaluation and acceptance of the technical bid of the respective tenderer.</u>	
65.	Bid Evaluation criteria: Total Landed cost (Basic + Spares+ TPI+ Packing charges +additional taxes applicable +Transportation charges from ex-works to SDSC-SHAR) will be the basis for finalization of the purchase order.	
66.	Offer Validity: The validity of the offers/ tenders should be 120 days from the date of opening of the tenders. Tenders	

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
	with offer validity less than the period mentioned above, will not be considered for evaluation.	
67.	<p>GST:</p> <p>As per 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 a reduced rate of IGST @ 5% for the procurements made by the Dept. of Space (DOS) being a public funded research Institution. Accordingly, SHAR will provide IGST exemption certificate.</p>	
68.	<p>Customs Duty :</p> <p>As per Notification no. 05/2018 Customs Dt.25.01.2018 ISRO is eligible to pay reduced rate of customs duty @10.77% (CD @5%+IGST @5%). Hence party need to indicate whether mentioned rates are inclusive of this Customs Duty @10.77% or extra.(SHAR will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies).</p>	
69.	<p>Payment Terms :</p> <p>Our general payment terms are within 30 days after receipt and acceptance of items at purchaser's (SDSC-SHAR, Sriharikota) site.</p> <p>However, in case of any request from supplier/party, the following payment terms may be considered.</p> <p>a) 30% of order value as advance against submission of Advance Bank Guarantee</p> <p>b) 60% of order value against receipt of items at SDSC SHAR against IRREVOCABLE LETTER OF CREDIT</p> <p>c) Balance 10% of order value against satisfactory performance of items against Performance Bank Guarantee.</p>	
70.	<p>Advance Payment:</p> <p>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</p>	

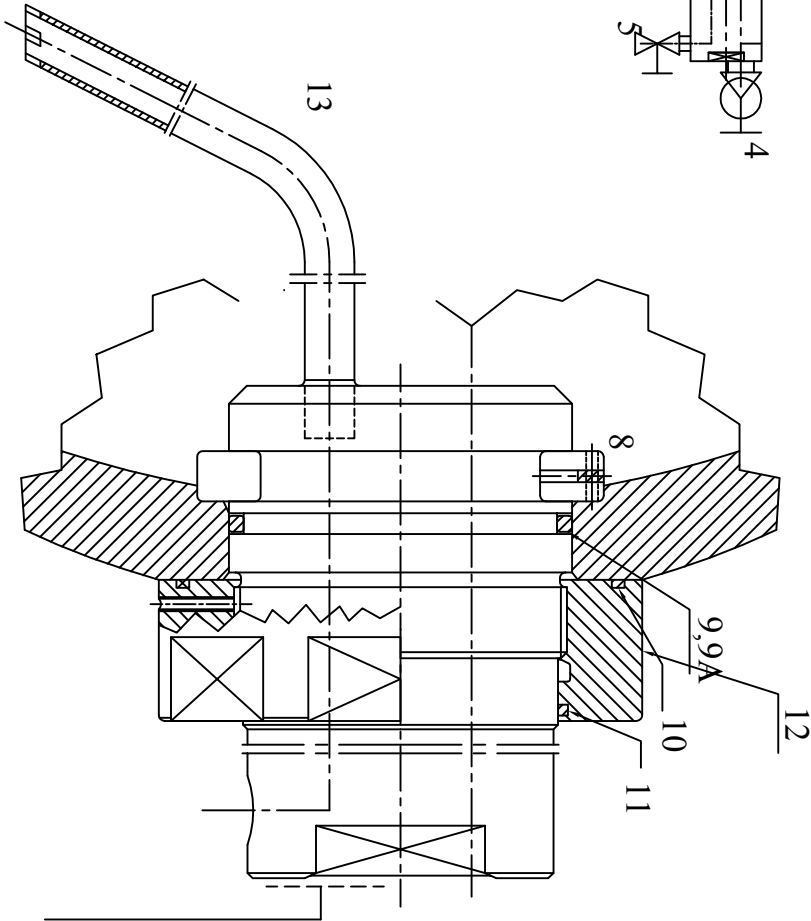
Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
	<p>per the Prime Lending Rate of RBI plus 2% penal interest.</p> <p>Interest will be loaded for advance payments/stage payments as per the prime lending rate of RBI and will be added to the landed cost for comparison purpose. In case of different milestone payments submitted by the parties, a standard and transparent methodology like NPV will be adopted for evaluating the offers.</p>	
71.	<p>Liquidated Damages:</p> <p>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.</p>	
72.	<p>Performance Bank Guarantee:</p> <p>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.</p>	
73.	<p>Security Deposit :</p> <p>Security Deposit for 10% of the order value is mandatory, 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.</p>	
74.	<p>Arbitration:</p> <p>Disputes, if any, shall be settled mutually failing which it shall be referred to an Oneman 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.</p>	
75.	<p>Tender Evolution criteria:</p> <p>a. Tenderers should have satisfactorily completed the contract as mentioned below during the last</p>	

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
	<p>Five years.</p> <ul style="list-style-type: none"> ✓ Single contract value not less than Rs. 15 Crores ✓ Two contracts of value not less than Rs. 11 Crores. <p>b. Tenderers should have average annual turnover for the last three years (FY:2015-16,2016-17 & 2017-18) of Rs.22 Crores.</p>	
General Conditions:		
76.	Source details of ingots used for cylinder manufacturing shall be submitted prior to the commencement of manufacturing cylinder for approval.	
77.	Shipment of the cylinders shall be made as 1 off 2 cylinders wide with lifting lugs. Two-cylinder module weight shall be less than 10 tones.	
78.	The cylinder design calculations and fabrication drawings and details of valves, pressure gauge with size, end connection, material of construction, make, pressure rating etc., shall be submitted for our approval before commencement of production.	
79.	The necessary drawings, design calculations and technical data with relevant test certificates approved by the Inspection Agency shall be sent to CCE, Nagpur and approval shall be obtained by supplier.	
80.	The final approved drawings and accessories shall be sent to the Purchaser (3 copies) along with dispatch.	
81.	WARRANTY: The Equipment with accessories supplied shall be warranted for trouble free service of 18 months period from the date of receipt. In case any defects are noticed during the above period due to faulty design, poor workmanship, use of substandard materials etc., the same shall be rectified / replaced by you free of cost within a reasonable period.	
82.	All openings shall be suitably plugged to avoid damage/contamination during transportation. Preservation pressure of 2 Bar with dry nitrogen shall be maintained during shipment in order to avoid entry of moisture/foreign particles during shipment.	
83.	Cylinders support structure shall have proper arrangement to fix on the mobile Trolley for transportation (Maximum number of cylinders – 4 Nos. Stack height: 2 Nos).	
84.	The gas cylinders are proposed to be positioned	

Sl. No	ISRO Description	Technical Compliance (To be filled by the party)
	horizontally. Vertical cylinders are not acceptable.	
85.	Delivery time shall be indicated in the offer. Payment terms shall be specified.	
86.	After the assembly of inlet, outlet, drain/vent valves, gauge shutt off valve and pressure gauges to the end closure leak check of all threaded joints shall be carried out with 50 bar dry nitrogen.	
87.	Tentative QAP is enclosed as part of technical specifications in Annexure-II. However final QAP shall be mutually agreed and finalized	
88.	Design standard, cylinder identification/serial no, year of manufacture, date of hydro test shall be punched on the cylinder on either side of cylinder hemi sphere.	
89.	<p>Delivery is the essence of the contract. Delivery period of all items shall be within 12 months from the date of release of purchase order. This includes license from CCE, Nagpur.</p> <ul style="list-style-type: none"> ✓ Party has to submit the fabrication drawings for approval within one month after release of purchase order. ✓ Total supply of items shall be completed within 11 months after approval of the fabrication drawings. 	



Gas Cylinder



End closure and its arrangement in the cylinder

13.	Dip Tube	1
12.	Caprive Nut on End closure	2
11.	Seal ring-O-ring	2
10.	Seal ring-O-ring	2
9A.	Back up Ring-O-ring	2
9.	Seal ring-O-ring	1
8.	Split Ring	2
7.	Pressure Gauge	1
6.	Gauge shut off Valve	1
5.	Drain/Vent Valve(1/2" Straight way globe valve)	1
4.	Delivery Valve (3/4" angle globe Valve)	1
3.	Charging Valve(1/2" Angle globe Valve)	1
2.	End Closure	2
1.	Cylinder (2000Ltr WC)	1
S.N	Description	Qty

BILL OF MATERIALS

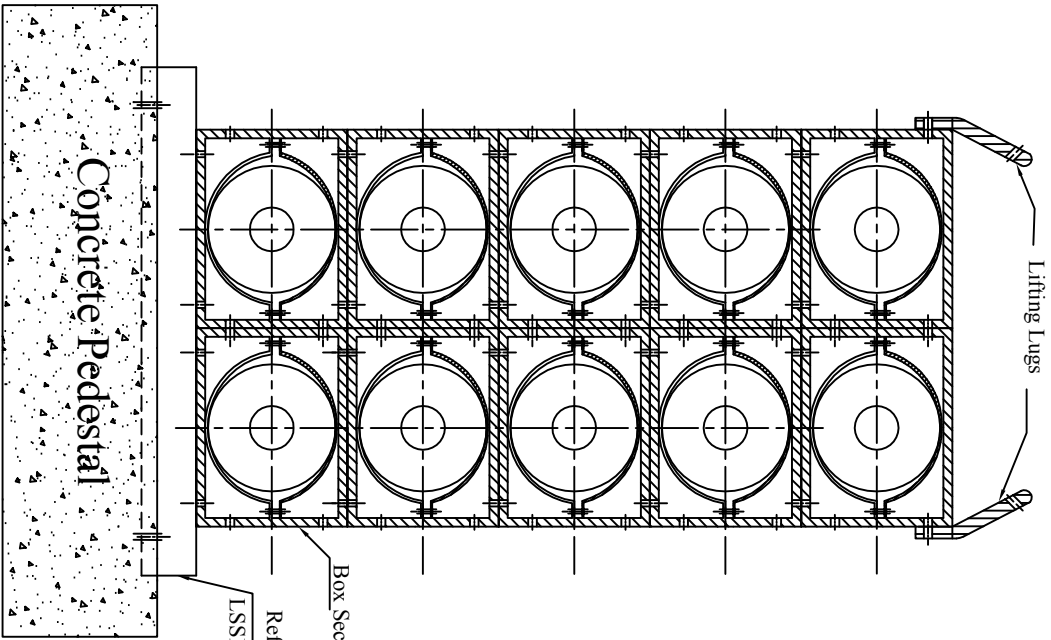


**SATISH DHAWAN
SPACE CENTRE SHAR**

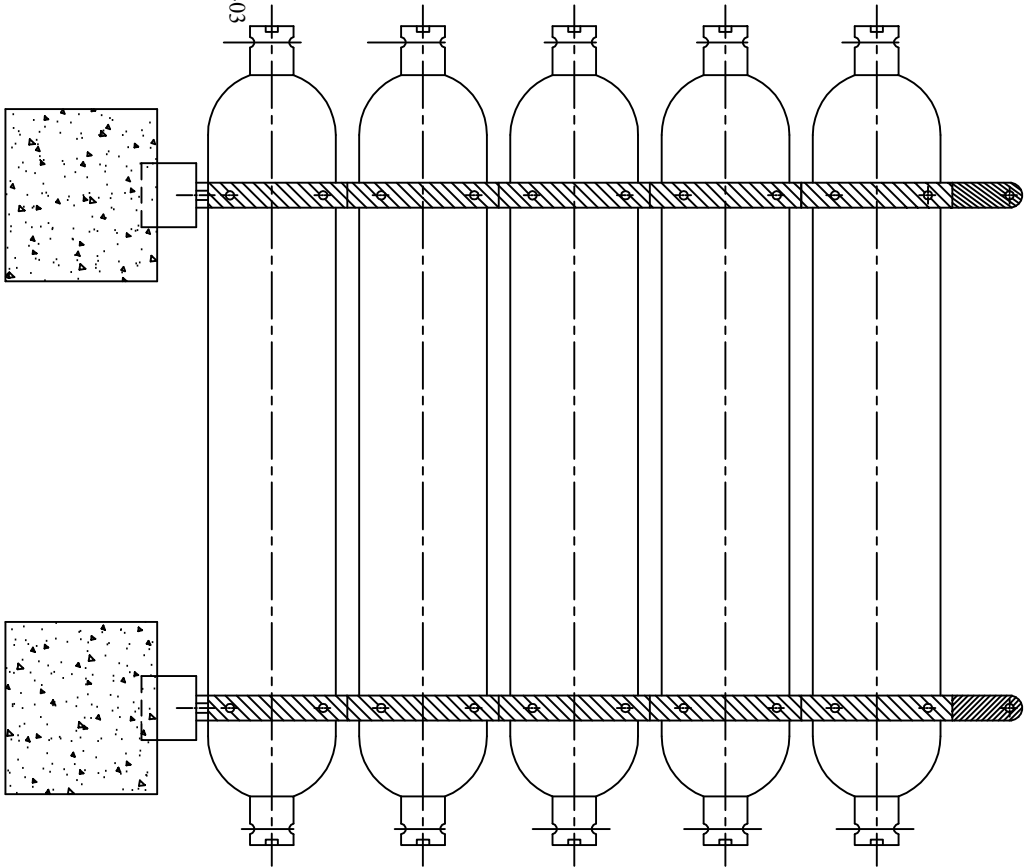
DESIGNED	NAME
DRAWN	DT
REVIEWED	

TITLE : Gas cylinder with end closure (2000L WC)

SCALE: NTS	DIM : mm	MATERIAL: Chrome-Moly	Qty: 01	DRAWING NO: LSSF-CGS-Cylinder-01
		CGS/LSSF		REV/00
				SHEET 1 OF 1



Refer Drawing No:
LSSF-CGS-Cylinder-03

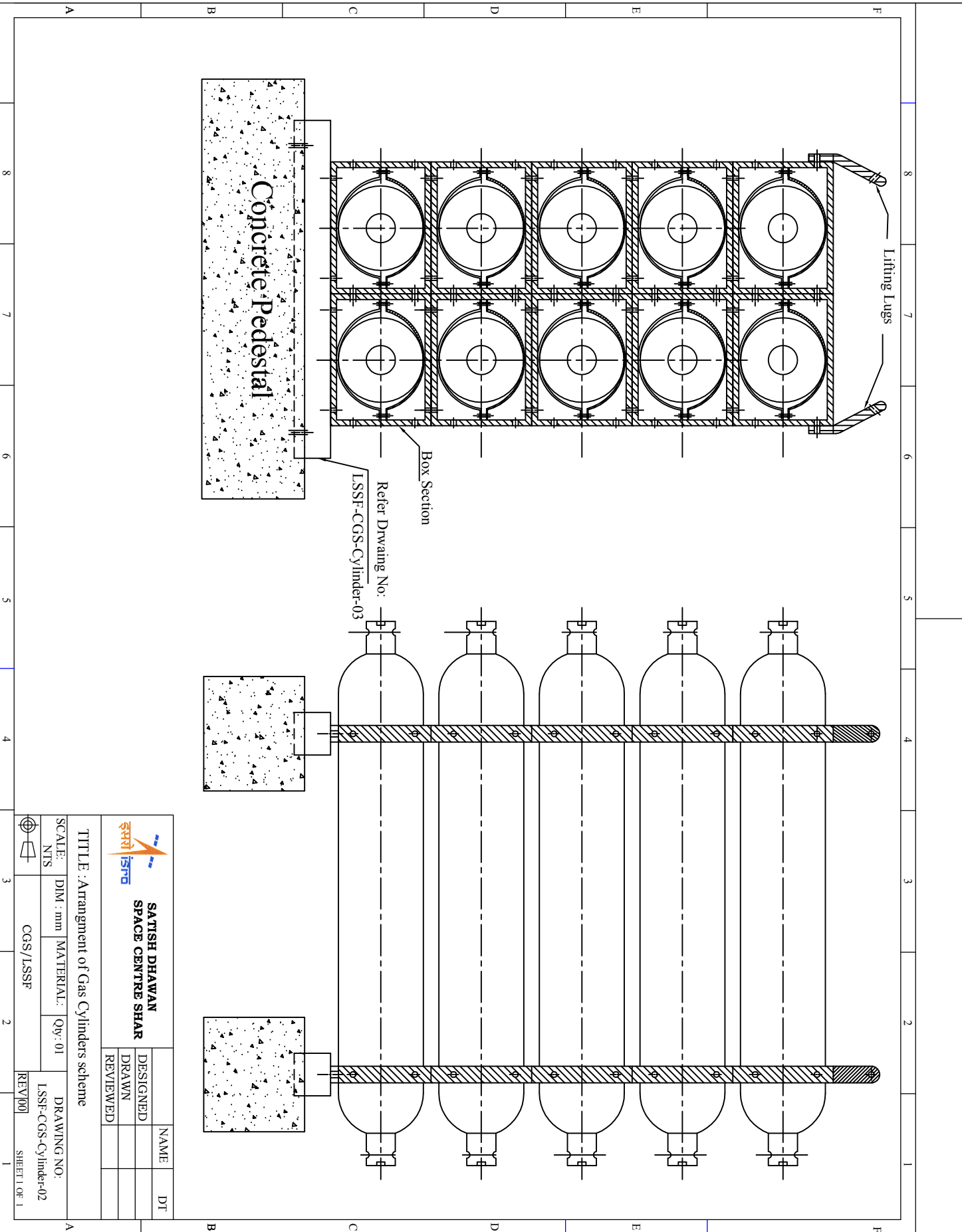


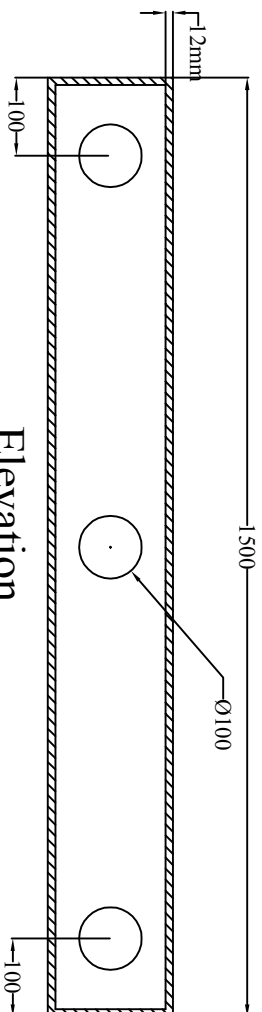
SATISH DHAWAN
SPACE CENTRE SHAR

DESIGNED	NAME	DT
DRAWN		
REVIEWED		

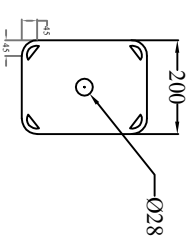
TITLE : Arrangement of Gas Cylinders scheme

SCALE: NTS	DIM : mm	MATERIAL:	Qty: 01	DRAWING NO:
		CGS/LSSF		LSSF-CGS-Cylinder-02
				REV/00
				SHEET 1 OF 1

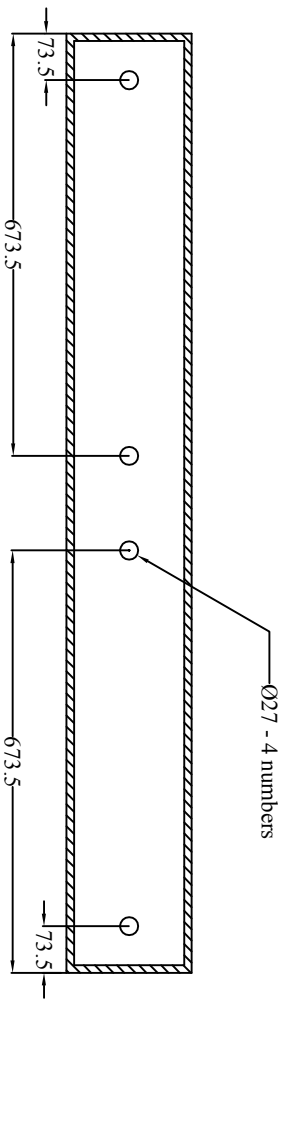




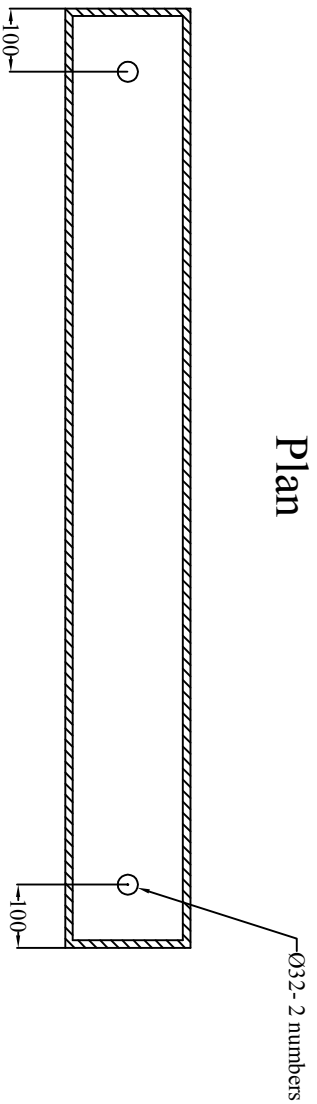
Elevation



Side View



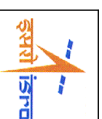
Plan



Bottom View

NOTE:

1. Material of the cylinder support structure and Box section material shall be Zinc Based or as per the manufactures standard.
2. Party shall indicate the material in their offer.



**SATISH DHAWAN
SPACE CENTRE SHAR**

DESIGNED	NAME	DT
DRAWN		
REVIEWED		

TITLE : Cylinders supporting structure block

SCALE: NTS	DIM : mm	MATERIAL: CGS/ISSF	QTY: 01	DRAWING NO: LSSF-CGS-Cylinder-03
			REV: 00	SHEET 1 OF 1



Satish Dhawan Space Center SHAR

Welcome, Materials Master (isro)

31 August 2017,
17:16:08 IST

[MAIN VIEW](#)

[HELP](#)

Preview For STANDARD TERMS AND CONDITIONS

Page Destination: Tender Header **Format Type :** Normal

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GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

SATISH DHAWAN SPACE CENTRE

PURCHASE DIVISION

Tele No.08623-225023/225174/225127

Fax No.08623-225170/22-5028

e-Mail ID : hps@shar.gov.in, hasan@shar.gov.in, sselvan@shar.gov.in

STANDARD TERMS & CONDITIONS

1.OFFERS SHALL BE SENT ONLINE ONLY USING STANDARD DIGITAL SIGNATURE CERTIFICATE OF CLASS III WITH ENCRYPTION / DECRYPTION. THE TENDERS AUTHORISED 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.

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

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.