

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

Tender for Work contract for Cryo systems

Bids to be submitted online

Tender No.: SDSC SHAR/LSSF PURCHASE/SH202100181701 dated 31-12-2021

A. Tender Details

Tender No : **SDSC SHAR/LSSF PURCHASE/SH202100181701**

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

Tender Classification: **SERVICES**

Purchase Entity : **LSSF PURCHASE**

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

Procurement of Work contract for Cryo systems

For Procurement of Cryo systems

A.1 Tender Schedule

Bid Submission Start Date : **31-12-2021 15:00**

Bid Clarification Due Date : **11-01-2022 14:00**

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

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

B. Tender Attachments

Technical Write-up/Drawings

Document : General conditions

Document : work scope

Document : Questionnaire to be filled by the contractor

Instructions To Vendors

C. Bid Templates

C.1 Technical Bid - Work contract for Cryo systems

1. Work Contract for cryo system (Ref. Annexure-I)

Works to be performed with Un-Skilled manpower:

Lifting and Handling of Electro pneumatic valves of Size:a)6NB-25NB

Approximate No. of man days required for team (3 persons) to complete the job: 10days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	Lifting and handling of Electro pneumatic valve actuators during servicing involves the following works: Lifting and moving the actuators from valve to the actuator servicing rig. Holding the actuator and rig during actuator dismantling. Lifting and moving the actuators from actuator service rig to the valve. Lifting and holding the actuator during assembling the actuator on the valve.	Yes / No / Explain		

2. Work Contract

Lifting and Handling of Electro pneumatic valves of Size:b)40NB-50NB

Approximate No. of man days required for team (3 persons) to complete the job: 08days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Nature of work	Lifting and handling of Electro pneumatic valve actuators during servicing involves the following works: Lifting and moving the actuators from valve to the actuator servicing rig. Holding the actuator and rig during actuator dismantling. Lifting and moving the actuators from actuator service rig to the valve. Lifting and holding the actuator during assembling the actuator on the valve.	Yes / No / Explain		
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3. Work Contract

Lifting and Handling of Electro pneumatic valves of Size:c)80NB-150NB

Approximate No. of man days required for team (3 persons) to complete the job: 15days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	Lifting and handling of Electro pneumatic valve actuators during servicing involves the following works: Lifting and moving the actuators from valve to the actuator servicing rig. Holding the actuator and rig during actuator dismantling. Lifting and moving the actuators from actuator service rig to the valve. Lifting and holding the actuator during assembling the actuator on the valve.	Yes / No / Explain		

4. Work Contract

Handling and moving of filter elements for servicing.

Approximate No. of man days required for team (3 persons) to complete the job: 11days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	<p>Handling and moving filter elements for servicing, which involves the following works: Helping the technician while removing the elements from the filter unit. Moving the elements near to the bubble point testing apparatus. After completion of the testing once again moving the elements back to the system. Helping the technician while assembling the elements inside the filter unit.</p>	Yes / No / Explain		

5. Work Contract

Handling and moving of Pressure gauges & Transmitters for calibration.

Approximate No. of man days required for team (3 persons) to complete the job: 26days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Nature of work	<p>Handling and moving Pressure gauges & Transmitters for calibration, which involves the following works: Helping the technician while removing the pressure gauges & transmitters. Moving the instruments to the calibration lab. After completion of the calibration once again moving the instruments back to the system. Helping the technician while mounting the instruments.</p>	Yes / No / Explain		
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6. Work Contract

Handling and moving Safety relief valves for bench testing.

Approximate No. of man days required for team (3 persons) to complete the job: 16days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	<p>Handling and moving Safety relief valves for bench testing, which involves the following works: Helping the technician while removing the safety relief valves. Moving the Safety relief valves to the SRV test facility. After completion of the bench testing once again moving the SRV's back to the system. Helping the technician while mounting the SRV's on the pipelines/tanks.</p>	Yes / No / Explain		

7. Work Contract

External cleaning of Electro pneumatic valves of size: a) 6NB-25NB

Approximate No. of man days required for team (3 persons) to complete the job: 45days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Electro pneumatic valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

8. Work Contract

External cleaning of Electro pneumatic valves of size: b) 40NB-50NB

Approximate No. of man days required for team (3 persons) to complete the job: 09days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Electro pneumatic valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

9. Work Contract

External cleaning of Electro pneumatic valves of size: c) 80NB-100NB

Approximate No. of man days required for team (3 persons) to complete the job: 05days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Electro pneumatic valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

10. Work Contract

External cleaning of Electro pneumatic valves of size: d) 150NB-200NB

Approximate No. of man days required for team (3 persons) to complete the job: 03days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Electro pneumatic valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

11. Work Contract

External cleaning of Manual valves of size: a)6NB-25NB

Approximate No. of man days required for team (3 persons) to complete the job: 27days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Nature of work	External cleaning of Manual valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		
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12. Work Contract

External cleaning of Manual valves of size: b)40NB-50NB

Approximate No. of man days required for team (3 persons) to complete the job: 09days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Manual valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

13. Work Contract

External cleaning of Manual valves of size: c)80NB-150NB

Approximate No. of man days required for team (3 persons) to complete the job: 05days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Manual valves: Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

14. Work Contract

External cleaning of S.S. Pipelines of size: a)6NB-25NB**Approximate No. of man days required for team (3 persons) to complete the job: 58days****Item specifications for Work Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of S.S. Pipelines : Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

15. Work Contract**External cleaning of S.S. Pipelines of size: b)40NB-65NB****Approximate No. of man days required for team (3 persons) to complete the job: 37days****Item specifications for Work Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of S.S. Pipelines : Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

16. Work Contract**External cleaning of S.S. Pipelines of size: c)80NB-125NB****Approximate No. of man days required for team (3 persons) to complete the job: 37days****Item specifications for Work Contract**

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Nature of work	External cleaning of S.S. Pipelines : Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		
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17. Work Contract

External cleaning of S.S. Pipelines of size: d)150NB-300NB

Approximate No. of man days required for team (3 persons) to complete the job: 34days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of S.S. Pipelines : Cleaning with fine emery paper to remove corrosion marks. Cleaning with banian cloth and Iso propyl alcohol.	Yes / No / Explain		

18. Work Contract

Periodic external cleaning (with water) of the cryogenic propellant storage tanks.

Approximate No. of man days required for team (3 persons) to complete the job: 347days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature work	Periodic external cleaning (with water) of the cryogenic propellant storage tanks: 100Cu.m LH2 storage tanks-2Nos. 120Cu.m LH2 storage tank- 1No. 40Cu.m LH2 storage tanker – 1No. 15Cu.m LH2 storage tanker – 1No. 130Cu.m LN2 storage tanks- 6Nos. 40Cu.m LOX storage tanks – 3Nos.	Yes / No / Explain		

19. Work Contract

External cleaning of Pipe line supports.

Approximate No. of man days required for team (3 persons) to complete the job: 23days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	External cleaning of Pipe line supports : Cleaning with wire brush. Cleaning the brushed surfaces with banian cloth.	Yes / No / Explain		

20. Work Contract

Cleaning of MS structural plate.

Approximate No. of man days required for team (3 persons) to complete the job: 05days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Nature of work	Cleaning of MS structural plate : Cleaning with wire brush. Cleaning the brushed surfaces with banian cloth before painting.	Yes / No / Explain		

21. Work Contract

Preparation, Lifting and Handling of the S.S. Flexible Hoses of size 25NB-250NB.

Approximate No. of man days required for team (3 persons) to complete the job: 10days

Item specifications for Work Contract

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Nature of work	Preparation, Lifting and Handling of the S.S. Flexible Hoses of size 25NB-250NB: Loading of the hoses on to the trailer. Un-loading of the hoses from the trailer. Tying the flexible hoses with rope. Un-loading the hoses from the crane hook. Helping the technician, while mounting the hoses on the cryoarm.	Yes / No / Explain		
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Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	1.0Introduction :	Works to be performed with Un-Skilled manpower: External cleaning & handling of Electro pneumatic valves & Manual valves. External cleaning & handling of Safety relief valves, Instruments and filter elements. External cleaning of S.S. Pipelines. Periodic external cleaning (with water) of the cryogenic propellant storage tanks. External cleaning of pipe line supports. Cleaning of MS structural plate. Lifting and Handling of the S.S. Flexible Hoses.	Yes / No / Explain		

2	2.1 General Conditions	Owing to nature and area of work, it is mandatory to have group insurance to the personnel engaged in the job for the period of contract. The commencement date of group insurance shall be only after receipt of purchase order. The insurance risk coverage amount shall be 5 lakh per head. The proof of such claim shall be submitted before deploying the personnel.	Yes / No / Explain		
3	2.2 General Conditions	Contractors those who are having past experience in maintenance activities only need to quote. Documentary evidence / Copies of previous purchase orders pertaining to the past experience shall be enclosed to the offer without which offer will not be considered.	Yes / No / Explain		
4	2.3 General Conditions	Un-skilled persons shall have minimum one year experience in the similar works and minimum qualification of 10th class shall be employed for the listed works. Keeping view on the criticality of the work, Contractor shall employ persons, who have already worked in similar works in SDSC SHAR.	Yes / No / Explain		
5	2.4 General Conditions	Certificates of academic qualification and experience of the persons will be verified by the department engineer before deploying them in to the work.	Yes / No / Explain		

6	2.5 General Conditions	Monthly salaries being paid to the work staff by the contractor will be monitored by the Department.	Yes / No / Explain		
7	2.6 General Conditions	Isopropyl alcohol, emery paper, banian cloth and transportation of the components will be provided by the Department at free of cost.	Yes / No / Explain		
8	2.7 General Conditions	Contractor shall ensure that their personnel are strictly confined to the assigned job and place of work and is wholly responsible if any other system in the work spot found meddled / disturbed.	Yes / No / Explain		
9	2.8 General Conditions	Contractor should not change their engaged personnel for works frequently without prior approval from the department.	Yes / No / Explain		
10	2.9 General Conditions	The work distribution is continuous for unskilled personnel. The contractor may need to deploy three persons per day for cleaning and handling activities.	Yes / No / Explain		
11	3.0 General Conditions	During peak demand time, the contractor may need to deploy five persons per day for cleaning and handling activities. For deploying the above mentioned manpower, 3-4 days advance notice will be given by the department.	Yes / No / Explain		

12	3.1 General Conditions	Total works shall be done at SLP of SDSC SHAR Centre, work sites are located at a distance of 8 –10 kms from the main gate. The contractor has to make his own arrangement for food, stay and transportation of his personnel. It is requested to consider the above points along with overheads, while submitting the quotation.	Yes / No / Explain		
13	3.2 General Conditions	The contractor and/or his personnel will not entitled for subsidized canteen facilities of SDSC-SHAR.	Yes / No / Explain		
14	3.3 General Conditions	The contractor has to follow entry permit and gate pass system for his personnel while entering gate.	Yes / No / Explain		
15	3.4 General Conditions	Work may need to be executed on all working days of SDSC-SHAR. Services may need to be provided on Saturdays and on any other holiday in case of need.	Yes / No / Explain		
16	3.5 General Conditions	The work is scheduled during general shift. The office hours will be from 0900 hours to 1730 hrs with 30 minutes lunch break. In case of exigency of work, the persons deployed shall be ready to work beyond office hours, as demanded by the department supervisor/Engineer-in-charge.	Yes / No / Explain		

17	3.6 General Conditions	SDSC-SHAR reserve its right to cancel the contract/purchase order at any time if the services of the Contractor are not satisfactory in accordance with the terms and conditions by giving 30 days notice to the party and the decision of SDSC-SHAR is final in this regard.	Yes / No / Explain		
18	3.7 General Conditions	SDSC-SHAR shall have the right to advise the contractor to terminate the services of any employee for any violation of security provisions and/or for indiscipline/violent behavior, agitation, instigating other peaceful works. In case of such advice, contractor shall comply with the same immediately.	Yes / No / Explain		
19	3.8 General Conditions	Persons employed by contractor shall not carry cigarettes, match box etc., while reporting for duty.	Yes / No / Explain		
20	3.9 General Conditions	Entry permit for the contractor's personnel will be issued by SDSC-SHAR. The contractor and/or his personnel shall strictly adhere to all the departmental security norms/provisions of SDSC-SHAR. Safety precautions are to be followed strictly by the contract personnel. SDSC-SHAR will not be responsible for any injury, accident, death occurs to the contractor's personnel while discharging the duties at SDSC-SHAR. All the liabilities in this regard shall rest with the contractor only and no claim will be entertained in this regards.	Yes / No / Explain		

21	3.10 General Conditions	Payment shall be made on Pro rata basis based upon work Completion and duly certified by Department Engineer. The contractor shall quote prices for each item as listed in Annexure-I.	Yes / No / Explain		
22	3.11 General Conditions	Party shall note that total contract is for a period of 2 years and confirmation towards the above from contractor is a mandatory.	Yes / No / Explain		
23	3.12 General Conditions	Minimum Wages & Labour Laws: It should be ensured that the contractor comply with all Labour laws, Minimum wages Act, payment of Employees Provident fund, ESI, insurance and also to ensure that minimum wages at prescribed rates by competent authority are paid to the labourers engaged.	Yes / No / Explain		
24	3.13 General Conditions	Approximate estimation of manpower requirement for each work is given in Annexure-I.	Yes / No / Explain		
25	3.14 General Conditions	Parties shall submit their quote as per the description given in tender enquiry & as per Annexure-I. Taxes and other applicable charges if any shall be mentioned separately.	Yes / No / Explain		
26	3.15 General Conditions	The offers not meeting the minimum wage requirement are liable for rejection.	Yes / No / Explain		
27	3.16 General Conditions	All bidders shall have valid registration certificate.	Yes / No / Explain		

28	3.17 General Conditions	Contractor has to give an undertaking that they will comply with prevailing safety norms at site put forth by Department. Wearing of Cotton dresses and Safety shoes (in the scope of Contractor) is mandatory for the personnel deployed at work place. Personnel will not be permitted to the work spot in case of non-compliance of the above.	Yes / No / Explain		
29	3.18 General Conditions	Damage if any to the equipment/system during servicing will be deducted from the contractor.	Yes / No / Explain		
30	3.19 General Conditions	Idling charges shall not be paid to the contractor due to delay/non-scheduling of activities from Department side.	Yes / No / Explain		
31	3.20 General Conditions	The Contractor shall not sub-contract this work to anybody without the written approval of the Department.	Yes / No / Explain		
32	3.21 General Conditions	The Contract shall be governed by the laws of India for the time being in force. The Courts of the A.P. State only shall have jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the Contract.	Yes / No / Explain		

33	3.22 General Conditions	In the event of any dispute or difference arising out of, in relation to or in connection with the Contract, the same shall be settled amicably by mutual consultations. If such resolution is not possible, then the Director, SDSC SHAR shall appoint an Arbitrator to whom the matter shall be referred for arbitration. The arbitration shall be conducted in India in accordance with the provisions of the Arbitration & Conciliation Act 1996 or any reenactment or modification thereof. The decision of the Arbitrator shall be final and finding on both the parties.	Yes / No / Explain		
34	3.23 General Conditions	The Contractor shall indemnify the Department against any action, claim or proceedings relating to infringement of all or any of the prevailing Labour laws like Workmen's Compensation Act 1923, Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971, Employees Liability Act 1938, Industrial Disputes Act 1947, Employees State Insurance Act 1948, Employees Provident Funds and Miscellaneous Act 1952 during the period of Contract.	Yes / No / Explain		
35	3.24 General Conditions	Goods & Service tax (GST) shall be payable extra against documentary evidence.	Yes / No / Explain		

36	3.25 General Conditions	Security Deposit shall be as per purchase manual.	Yes / No / Explain		
37	3.26 General Conditions	Income Tax at the prevailing rate is applicable from time to time and will be deducted from the Contractor's bill as per the Income Tax Act, 1961 and the rules there-under or any reenactment or modifications thereof.	Yes / No / Explain		
38	3.27 General Conditions	As all the operations /Works are interrelated, this contract as a whole will be awarded to a single party. Splitting of works is not envisaged. An individual price as asked for each operation/work is mainly to use as reference while making pro-rata payment on monthly basis.	Yes / No / Explain		
39	3.28 General Conditions	Contractor has to declare in writing his willingness to all the above conditions; deviations if any must be clearly spelt out in the offer itself, otherwise the offer will not be considered as valid offer.	Yes / No / Explain		
40	1.0 Point to be confirmed by the Contractor	General conditions mentioned in the Annexure-A.	Yes / No / Explain		
41	2.0 Point to be confirmed by the Contractor	The work scope mentioned in the Annexure-I.	Yes / No / Explain		
42	3.0 Point to be confirmed by the Contractor	Contractor shall arrange for Group Insurance for his Employees engaged in the contract.	Yes / No / Explain		
43	4.0 Point to be confirmed by the Contractor	Party shall note that total contract is for a period of 2 years and confirmation towards the above is a mandatory.	Yes / No / Explain		
44	5.0 Point to be confirmed by the Contractor	Acceptance for security deposit as per purchase manual.	Yes / No / Explain		

45	7.0 Point to be confirmed by the Contractor	Safety precautions are to be followed strictly by the contract personnel. Any injury costs of them shall be borne by the contractor only.	Yes / No / Explain		
46	8.0 Point to be confirmed by the Contractor	Damage if any to the equipment/system during the Execution of works will be deducted from the contractor.	Yes / No / Explain		
47	9.0 Point to be confirmed by the Contractor	Minimum wages as per Labour act shall be paid to the persons deployed.	Yes / No / Explain		
48	10.0 Point to be confirmed by the Contractor	Considered food, stay, transportation arrangements and overheads.	Yes / No / Explain		
49	11.0 Point to be confirmed by the Contractor	Contractor has to comply with Annexures – I	Yes / No / Explain		

Supporting Documents required from Vendor

- 1. Signed and stamped documents of Annexure-II (Questionnaire)**
- 2. Signed and stamped documents of Annexure-I (scope of work)**
- 3. Signed and stamped documents of Annexure-A**

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Supply need to be in conformance to specifications, terms and conditions mentioned in Annexure-A, I & II	Yes / No / Explain	
2	GST/IGST (Please mention percentage clearly in Price Bid. If not indicated, It will be assumed to be inclusive as per prevailing rate and further request for amendment will not be entertained)	Yes / No / Explain	
3	DELIVERY TERM: ONSITE, SDSC SHAR, Sriharikota	Yes / No / Explain	
4	PAYMENT TERM: As per the RFP	Yes / No / Explain	
5	FORCE MAJEURE: If at any time during the continuance of the order the performance in whole or part by either party of any obligation under this order shall be prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fire, floods, lightening, epidemic, quarantine restrictions, strikes, go-slow, lockout or acts of God, notice of which is given either party to the other within 21 days from the date of occurrence thereof, neither party shall be reasons of such eventually be entitled to terminate this order nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance.	Yes / No / Explain	
6	The Contractor should have license to engage laborers under the provisions of Contract Labour (Regulation & Abolition) Act, 1970.	Yes / No / Explain	

7	<p>ARBITRATION:- The Contract shall be interpreted, construed and governed by the Laws in India. In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Work Package Order(s), such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Office of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre - Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.</p>	Yes / No / Explain	
8	<p>Police Verification: The Contractor would be required to provide verification report from the local police authorities within one month from the date of receipt of the order, duly certifying the verification of the Character & Antecedents for each of the work force engaged by the contractor for executing the work.</p>	-	
9	<p>VALIDITY OF OFFER: - In case of single part tender - the validity of offers/tenders should be 90 days. In two part tender - 120 days from the date of opening of date of tender opening. Tenders shorter than offer validity mentioned above will not be considered for evaluation.</p>	Yes / No / Explain	

10	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 plus sixty days. (This will be returned by SDSC immediately on execution of the order satisfactorily as per order terms. If not, the amount will be forfeited).	Yes / No / Explain	
11	Please provide an undertaking for the compliance of all Labour Laws as applicable from time to time including Minimum Wages Act, Payment of ESI/ EPF/ GST etc.	Yes / No / Explain	
12	Remarks if any	Yes / No / Explain	
13	Mention the EPF Registration No. & enclose a copy of EPF registration.	Yes / No / Explain	
14	Delivery Period/Contract Period:- As per 3.11 of Tender specifications (Annexure -A).	Yes / No / Explain	
15	Mention the ESI Registration No. & enclose a copy of ESI registration..	Yes / No / Explain	
16	Liquidated damages: You have to supply man power to complete the work as per the direction of contract manager within the period specified. If you fail to do so, LD will be levied at the rate of 0.5% per week or part thereof subject to a maximum of 10% of the order value for the delayed period of Service/Scope of work	Yes / No / Explain	
17	Mention the GST Registration No. & enclose a copy of GST Registration. GST No. for SHAR- GSTIN: 37AAAGS1366J1Z1	Yes / No / Explain	
18	INCOME TAX: Income Tax at the prevailing rate as applicable from time to time shall be deducted from the successful Bidders bill as per the Income Tax Act, 1961 and the rules there-under or any re-enactment or Modifications thereof.	Yes / No / Explain	
19	The Contractor shall employ Indian Nationals above age of 18 years only	-	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	P&F IN PERCENTAGE	FREIGHT PERCENTAGE	Remark
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1	<p>Work Contract for cryo system (Ref. Annexure-1) Works to be performed with Un-Skilled manpower . Lifting and Handling of Electro pneumatic valves of Size:a)6N B-25NB Approximate No. of man days required for team (3 persons) to complete the job: 10days</p>	70.00 Nos.		-				
2	<p>Work Contract Lifting and Handling of Electro pneumatic valves of Size:b)40 NB-50NB Approximate No. of man days required for team (3 persons) to complete the job: 08days</p>	60.00 Nos.		-				

3	Work Contract Lifting and Handling of Electro pneumatic valves of Size:c)80 NB-150NB Approximate No. of man days required for team (3 persons) to complete the job: 15days	50.00 Nos.		-				
4	Work Contract Handling and moving of filter elements for servicing. Approximate No. of man days required for team (3 persons) to complete the job: 11days	80.00 Nos.		-				

5	<p>Work Contract Handling and moving of Pressure gauges & Transmitters for calibration .</p> <p>Approximate No. of man days required for team (3 persons) to complete the job: 26days</p>	310.00 Nos.		-				
6	<p>Work Contract Handling and moving Safety relief valves for bench testing.</p> <p>Approximate No. of man days required for team (3 persons) to complete the job: 16days</p>	270.00 Nos.		-				

7	Work Contract External cleaning of Electro pneumatic valves of size: a) 6NB-25NB Approximate No. of man days required for team (3 persons) to complete the job: 45days	1300.00 Nos.		-				
8	Work Contract External cleaning of Electro pneumatic valves of size: b) 40NB-50NB Approximate No. of man days required for team (3 persons) to complete the job: 09days	390.00 Nos.		-				

9	Work Contract External cleaning of Electro pneumatic valves of size: c) 80NB-100NB Approximate No. of man days required for team (3 persons) to complete the job: 05days	310.00 Nos.		-				
10	Work Contract External cleaning of Electro pneumatic valves of size: d) 150NB-200NB Approximate No. of man days required for team (3 persons) to complete the job: 03days	80.00 Nos.		-				

11	<p>Work Contract External cleaning of Manual valves of size: a)6NB-25NB Approximate No. of man days required for team (3 persons) to complete the job: 27days</p>	1400.00 Nos.		-				
12	<p>Work Contract External cleaning of Manual valves of size: b)40NB-50NB Approximate No. of man days required for team (3 persons) to complete the job: 09days</p>	400.00 Nos.		-				

13	Work Contract External cleaning of Manual valves of size: c)80NB-150NB Approximate No. of man days required for team (3 persons) to complete the job: 05days	115.00 Nos.		-				
14	Work Contract External cleaning of S.S. Pipelines of size: a)6NB-25NB Approximate No. of man days required for team (3 persons) to complete the job: 58days	7800.00 m		-				
15	Work Contract External cleaning of S.S. Pipelines of size: b)40NB-65NB Approximate No. of man days required for team (3 persons) to complete the job: 37days	5900.00 m		-				

16	Work Contract External cleaning of S.S. Pipelines of size: c)80NB-125NB Approximate No. of man days required for team (3 persons) to complete the job: 37days	5400.00 m		-				
17	Work Contract External cleaning of S.S. Pipelines of size: d)150NB-300NB Approximate No. of man days required for team (3 persons) to complete the job: 34days	5400.00 m		-				

18	Work Contract Periodic external cleaning (with water) of the cryogenic propellant storage tanks. Approximate No. of man days required for team (3 persons) to complete the job: 347days	16000.00 Square Metre		-				
19	Work Contract External cleaning of Pipe line supports. Approximate No. of man days required for team (3 persons) to complete the job: 23days	3100.00 Nos.		-				
20	Work Contract Cleaning of MS structural plate. Approximate No. of man days required for team (3 persons) to complete the job: 05days	800.00 Square Metre		-				

21	Work Contract Preparation, Lifting and Handling of the S.S. Flexible Hoses of size 25NB-250NB. Approximate No. of man days required for team (3 persons) to complete the job: 10days	130.00 Nos.		-				
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