

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/24/2018-19

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

SI No	Ref. No.	Description	Qty.
01	SHLS 2018 00 1566 GLOBAL Tender [Two Part basis]	Manufacturing, Inspection, Testing, Packing and delivery of vacuum jacketed, super insulated Cryo flexible Hoses	1 LS
02	SHLS 2018 00 1596 GLOBAL Tender [Two Part basis]	Manufacturing, Inspection, Testing, Packing and delivery of vacuum jacketed, super insulated Cryo flexible Auxiliary Umbilical Hoses	1 LS
03	SHLS 2018 00 1760 GLOBAL Tender [Two Part basis]	Supply of High Pressure Pleated SS Mesh Filters	1 LS
04	SHAR LS 2018 00 9663 e-procurement [Two Part basis]	Manufacturing, Testing & supply of Fire Resistance Phenolic foam Tank & Pipes insulation material	1 LS
05	SHAR LS 2018 00 9689 e-procurement [Two Part basis]	Supply of Ductile Iron Pipes & Fittings for PIF Project	1 LS
06	SHAR SP 2018 00 9793 e-procurement [Two Part basis] Sigma Mixer.	Design, fabrication, Testing, supply Installation & commissioning of 1000L Cap	1 No.
07	SHAR LS 2018 00 9872 e-procurement [Two Part basis]	Supply of PIF GSS Pneumatic Equipment	1 LS
08	SHAR SP 2018 00 9971 e-procurement [Two part basis]	Radiographic Accessories	1 LS
09	SHAR SC 2018 00 9962 e-procurement [Single part basis]	Manpower Contract for Hiring of Visiting Specialist/super Specialist doctors for a period of two years	720 Nos.
10	SHAR RO 2018 00 10022 e-procurement [Two part basis]	Cleaning and Unskilled Labour Work Contract for Range Operations for a period of Two years.	6000 Mandays
11	SHAR SPP 2018 00 10046 e-procurement [Two part basis]	Supply, Packing, Forwarding, Transportation to site, unloading, installation, testing and commissioning of X-Ray Film Digitizer	1 Lot
12	SHAR SP 2018 00 10047 e-procurement [Two Part basis]	Procurement of materials, Fabrication, Supply, Testing, Erection, commissioning and Load Testing of roller Stands	6 Sets
13	SHAR SPP 2018 00 10070 e-procurement [Two part basis]	Supply, Packing, Forwarding, Transportation to site, unloading, installation, testing and commissioning of Industrial X-Ray Film Illuminators	1 Lot
14	SHAR SP 2019 00 10097 e-procurement [Single Part basis]	Design, Supply, Erection, commissioning and Testing of AI Powder feeding system with dust collection system	2 Nos.
15	SHAR VAST 2019 00 10112 e-procurement [Two part basis]	Supply of Skilled Man Power for Solid Motors Assembl Operations	1LS Mandays
16	SHAR CMD 2019 00 10202 e-procurement [Two part basis]	Construction supervision and Inspection Services for Augmentation of Second Launch Pad for Semi-Cryo Stage Project (Civil, PH and Electrical Works)	1 LS Months

Last Date for downloading of tender documents : 20.02.2019 at 16:00 hrs.
Due Date for submission of bids online : 20.02.2019 at 16:00 hrs.
Due Date for Bid Sealing on : 20.02.2019 at 16:01 hrs. to 20.02.2019 at 17.30 hrs.
Due Date for Open Authorization : 20.02.2019 at 17.31 hrs. to 22.02.2019 at 17:00 hrs.
Due Date for opening of tenders : 25.02.2019 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 **20.02.2019 at 1600 hrs.** and **last date for submission of tenders on line 20.02.2019 at 1600 hrs.** and **Tender Opening on 25.02.2019 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: 25.01.2019

Sr. HEAD, PURCHASE AND STORES

ASLP- PROJECT

REQUEST FOR PROPOSAL

For

**CONSTRUCTION SUPERVISION AND
INSPECTION SERVICES
for Construction of facilities for ASLP
AUGMENTATION OF SECOND LAUNCH PAD FOR SEMI-CRYO
STAGE Project at SDSC SHAR (Civil, PH and
Electrical Works)**



**Satish Dhawan Space Centre SHAR
Indian Space Research Organization**

Sriharikota -524 124, A.P

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PROPOSAL DOCUMENT, CLARIFICATION AND ADDENDUM

Proposals are invited from the interested firms for the enclosed scope of work in **two-part bid**. Part-1 Technical and Unpriced part of the work and Part-2 Priced Commercial part.

The RFP document is organized in four sections as follows.

Section –A	Introduction
Section –B	Scope of Work
Section –C	General Terms & Conditions
Section –D	Annexures

Title of the Entity: ASLP-SRIHARIKOTA PROJECT

Title of the proposal: Construction supervision and inspection services for Construction of facilities for ASLP- SRIHARIKOTA PROJECT at SDSC SHAR (Civil and Electrical Works)

Date of Public Notification issued: As per publication

Last Date of purchase / downloading tender Document: As per publication

Last date of submission of tender documents: As per publication

Place of submission of tender documents: SDSC SHAR, Sriharikota

1. PROPOSAL DOCUMENT

1.1 One set of proposal document along with the drawings is issued. Bidder shall sign and stamp each page of proposal as token of his acceptance & submit before placement of order.

1.2 Transfer of Proposal document issued to one Bidder to another is not permissible.

1.3 Proposal documents shall remain the property of Department and if obtained by one intending Bidder shall not be utilizable by another without the consent of the Department.

1.4 The proposal (Un-priced Techno-commercial bid) with a complete set of the required documents shall be up-loaded in ISRO e-procurement website.

1.5 The proposals shall be submitted on-line before the time limit for bid submission specified in the letter inviting bid.

1.6 Tenderer shall submit the open authorization online within the time limits specified in the letter inviting bid.

1.7 The proposal will be opened on the date and on the time specified in the letter inviting bid or as soon thereafter as convenient. Proposal not received in time will not be considered.

1.8 Bidders shall set their quotations in firm figures and without variations/additions in the terms of the proposal documents.

1.9 ADDENDA /CORRIGENDA

Addenda/corrigenda to the tender document may be issued by SDSC SHAR prior to the date of opening of the tenders, to clarify or reflect modifications in the contract terms and conditions. Such addendum/corrigenda will be distributed to each firm or person who had purchased the tender documents.

1.10 AMBIGUITY

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

2 PREPARATION OF BIDS

2.1 SITE VISIT

The Tenderer shall visit SDSC SHAR and acquaint himself fully with the requirements and no claims whatsoever will be entertained on the plea of ignorance of difficulties in the execution of the work. Before submitting the tender the Tenderer shall be deemed to have clearly understood and satisfied himself regarding the work and services, all conditions liable to be encountered during the execution thereof and that prices, and/or compensation quoted in the offer are adequate and all inclusive with respect to all factors, circumstances and conditions likely to be incidental, both direct and indirect, to the work and services.

2.2 VALIDITY OF OFFER

Bid shall remain valid for acceptance for a period of **6 (Six) months** from the due date of submission of the Bid. The Tenderer shall not be entitled during the said period to revoke or cancel his Bid or to vary the Bid except and to the extent required by Department and communicated in writing. Bid shall be revalidated for extended period as required by Department in writing. In such cases, unless otherwise specified, it is understood that validity is sought and provided without varying either the quoted price or any other terms and conditions of Bid finalized till that time.

2.3 COST OF BIDDING

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

2.4 APPLICABLE LANGUAGE

The Bid and all correspondence incidentals to and concerning the Bid shall be in the English Language. For supporting document and printing literature submitted in any other

language, an accurate English Translation shall also be submitted. Responsibility for correctness in translation shall lie with the Tenderer.

2.5 ARRANGEMENT OF BID

- The Bid shall be neatly presented on white paper with consecutively numbered pages. ***It should not contain any terms and conditions which are not applicable to the Bid.***
- The Bid and all details submitted by the Tenderer shall be signed and stamped on each page as token of acceptance by a person, legally authorized to enter into agreement on behalf of the Tenderer. Corrections/ alteration, if any, shall also be signed by the same person. Tenderer shall submit Power of Attorney in favor of the person who signs the Bid and subsequent submissions on behalf of the Tenderer.
- Department will not be bound by any Power of Attorney granted by the Tenderer or changes in the constitution of the firm made subsequent to submission of the Bid or after the award of the contract. Tenderer may however, recognize such Power of Attorney and changes after obtaining proper legal advice, the cost of which will be borne by the Tenderer.
- The cancellation of any document such as Power of Attorney, partnership Deed etc should be communicated by the Tenderer to the Department in writing well in time, failing which Department shall have no responsibility or liability for any action taken by Tenderer on the strength of the said documents.
- Should the Tenderer have a relative or relatives or in the case of firm or company one or more of its shareholders or a relative or relatives of the share holder (s) employed in a senior capacity in Department's organization, the authority inviting Bids shall be informed of the fact at the time of submission of the Bid, failing which the Bid may be disqualified or, if such fact subsequently comes to light, Department reserves the right to take any other action as it deems fit in accordance with any applicable law, Rules, Regulations of the like in force for the time being.

2.6 SCHEDULE OF PRICES

The schedule of prices shall be read in conjunction with all the sections of proposal document. The price must be filled in the format for 'Schedule of Prices' – **Annexure-I**

2.7 DOCUMENTS COMPRISING THE BID

Bids shall be arranged in the following order.

2.7.1 PART – I TECHNICAL AND UNPRICED COMMERCIAL PART

Technical and unpriced commercial part shall comprise the attachments, specifying attachment number arranged in the order as follows:

- (a) Submission of bid letter along with one set of proposal document duly signed and stamped as token of acceptance.
- (b) Copy of Company's registration number certificate.
- (c) All the annexures enclosed in proposal duly filled, signed and sealed
- (d) Unpriced copy of schedule of prices with all other commercial terms and conditions duly filled (Prices to be kept blank), signed and stamped
- (e) Audited balance sheet including profit and loss account for the last three financial years showing annual turn over
- (f) Latest income tax clearance certificate.
- (g) List of projects in hand & completed during the last 3 financial year indicating the name of client, contact person, contract value, nature of work, work completed, work balance, name of Consultant, month & year of commencement & completion etc.
- (h) Organization chart for the proposed work with bio data of key personnel.
- (i) Pre-qualification criteria with supporting documents

2.7.2 PART – II PRICE BID

Price bid shall be filled in the on-line 'price bid' form of the e-tender only in ISRO e-procurement website <https://eprocure.isro.gov.in>.

SDSC SHAR may open Part – I of the bid on the due date of opening subject to meeting the bid evaluation criteria. Price Bids (Part-II) of technically and commercially acceptable offers shall be opened at a later date.

b) SDSC SHAR reserves the right to reject any or all the Bids without assigning any reasons thereof.

c) ***Any bids/offers with price details in Techno-Commercial Offer(Part –I) shall be rejected.***

d) SDSC SHAR reserves rights to place order for either full quantities of all items or partial quantities and partial items based on the unit rates available.

2.8 EARNEST MONEY DEPOSIT

1.5.1 The tenderer shall remit **Rs 1 Lakh** as Earnest Money Deposit (EMD) in the form of demand draft (DD) with the tender, failing which the tender will not be considered.

1.5.2 The EMD shall be remitted by a DD from any Nationalized/Scheduled Bank in favour of ACCOUNTS OFFICER, Satish Dhawan Space Centre SHAR, Payable at SBI, Sriharikota.

1.5.3 Cheques will not be accepted towards EMD.

1.5.4 EMD by the unsuccessful tenderer will be refunded after the finalization of tender. EMD shall not bear any interest.

2.9 CONTRACT PERIOD

The contract period for the scope of the work under this contract is **15 Months (Fifteen months) or till completion of construction contract whichever is later.**

3 Pre-qualification Criteria

S. No	CRITERIA	Vendor Compliance (YES*/NO)
3.1	Tenderer shall have experience in Construction supervision of similar RCC framed structures/buildings of minimum 10m height which involves RCC, steel, Masonry etc,	
3.2	Prior experience of minimum 5 years in providing Supervision & Inspection services for Construction works which involves RCC, Steel, Masonry, Electrical Works works etc	
3.3	Shall have Full-fledged office setup with qualified Technical staff of sufficient numbers to deploy the required people as per the tender.	
3.4	Party shall have average annual turnover more than of Rs 50 lakhs during last 3 years. Party shall submit the documentary proofs for supporting the above criteria. Department may visit the works executed or being executed for evaluation.	
3.5	Party should have satisfactorily completed the works during the last 7 years as mentioned below: <ul style="list-style-type: none"> • One order value of similar work costing not less than Rs 29 Lakhs • Two orders value of similar works each costing not less than Rs 22 Lakhs 	
*if YES please support with valid documents as proof.		

4 DETERMINATION OF RESPONSIVENESS

The bid which does not satisfy the pre-qualification criteria as mentioned in Section (clause) 3 above shall summarily be rejected and shall not be considered for further evaluation. SDSC SHAR will scrutinize bids to determine whether the bid is substantially responsive to the requirements of the tender documents. For the purpose of this clause, a substantially responsive bid is one which inter-alia conforms to all the terms and conditions of the entire Tender document without any deviations and reservations. The decision of SDSC SHAR shall be final in this regard.

5 BID EVALUATION

- 5.1 During evaluation, Department may request Tenderer for any clarification on the bid upon additional documents.
- 5.2 Techno-commercial discussion shall be arranged with Tenderer, if needed. Tenderer shall depute his authorized representatives for attending discussions. The representatives attending the discussions shall produce authorization from his organization to attend the discussion and sign minutes of meeting on behalf of his organization if required. The authorized representative must be competent and empowered to settle/decide on all technical and commercial issues.
- 5.3 The complete scope of work is defined in the Proposal document. Only those Tenderers who undertake total responsibility for the complete scope of work as defined in the Proposal document shall be considered.
- 5.4 In case Bid does not fully comply with the requirement of Proposal document and the Tenderer stipulates deviations to the clauses of the proposal in Schedule of deviations, which are unacceptable to the Department, the Bid will be rejected.
- 5.5 Performance of Tenderer on similar works executed/ under execution shall be taken into consideration before selecting the Tenderer for opening his price bid.
- 5.6 Department reserves right to visit client's site for verification/validation.
- 5.7 The time schedule for completion is given in the Proposal document. Tenderer is required to confirm the completion period unconditionally.
- 5.8 Department reserves the right to accept a bid other than a lowest and to accept or reject any bid in full or part without assigning any reasons. Such decisions by the Department shall bear no liability on the Department whatsoever consequent upon such decision.
- 5.9 The Tenderer, whose bid is accepted by the Department shall be issued a Letter of Intent (LOI) to proceed with the work. ***Tenderer shall confirm acceptance by returning a signed copy of the LOI along with 10% of total order value as security deposit within 10days from letter of intent (LOI).*** Thereafter Department may issue purchase order or Department will sign the Contract with successful Tenderer

- 5.10 Department shall not be obliged to furnish any information / clarification to unsuccessful Tenderers as regards to non acceptance of their Bids.

SECTION-A

Introduction of Proposed Facilities

1.0 General Introduction

- SDSC SHAR, the Space Port of India provides the world class launch base infrastructure for integration and launching of Indian Satellites and Foreign customer Satellites. ISRO's Space Transportation Systems (STS) has approved the induction of Semi-Cryo stages SC120/SC200 & C32 Cryo Upper stage to meet GSLV Mk-III vehicle variants, which can achieve a target GTO payload of 5-5.5 tons. Towards this SPAC committee has approved Augmentation of SLP Project for Semi-Cryostage (ASLP) to be realized in 30 months at SLP SDSC SHAR. This Project has a major & unique challenge of realization matching with that of Semi-Cryo Stage development and not impairing the increased Launch Schedules from SLP. The Semi-Cryo stage will make use of SE2000 engine For servicing of semi cryo stage at SLP, it is necessary that new facilities/Augmentations are established apart from augmentation of existing cryo and gas systems together with associated instrumentation & control system. 1) Isrosene system 2) Liquid Oxygen Storage & filling system 3) Nitrogen Storage & filling system(NSS) 4) Gas storage & servicing system(GSSF) 5) Instrumentation and control system. 6) Cable trench and pipe trench 7)Augmentation of LOX storage at SLP and PH and electrical works etc.

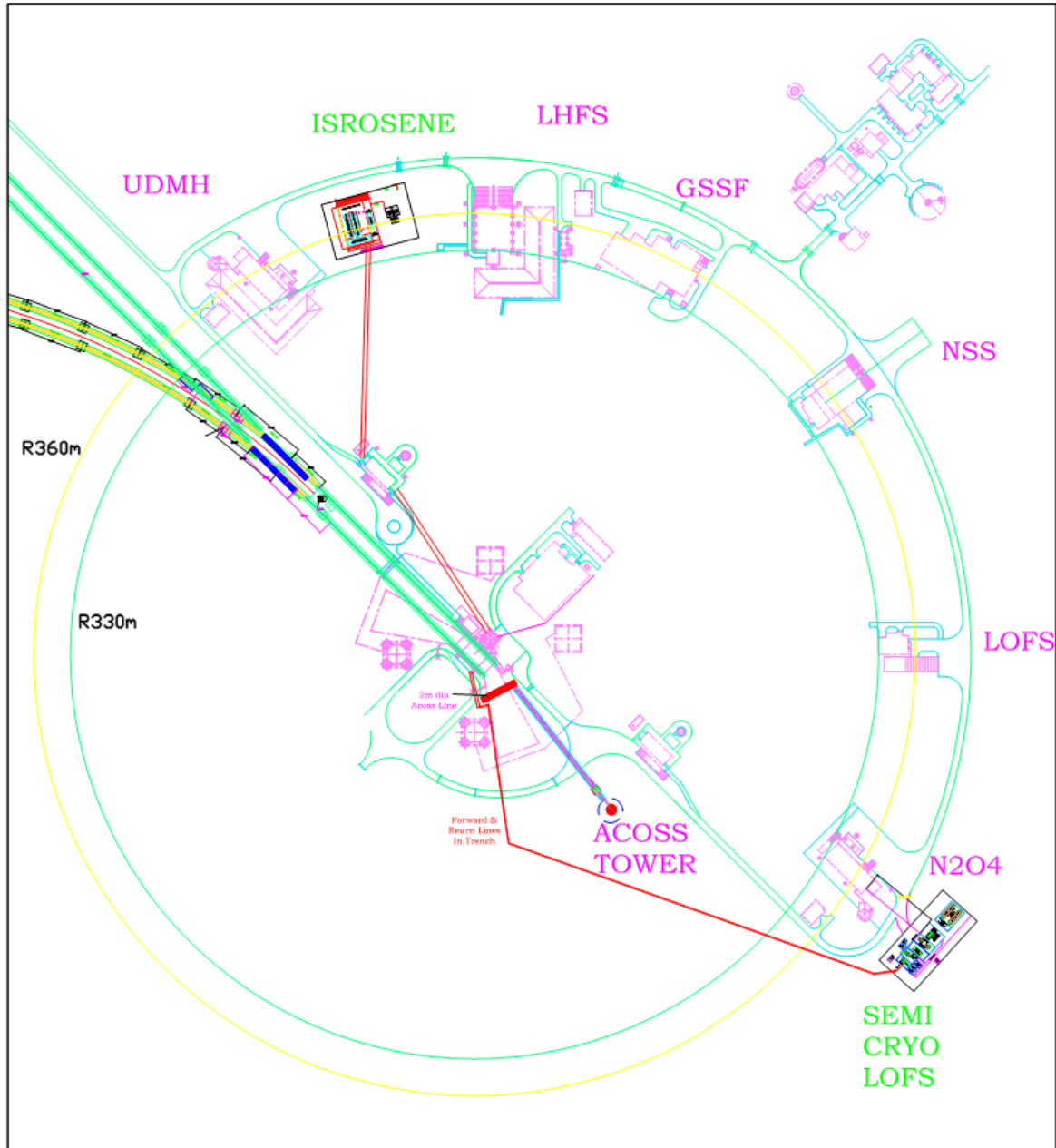
All Civil, PH, Road, and Electrical related to the ASLP project at Sriharikota are being taken up. The work involves construction of facility various buildings (RCC framed) approximate height varying from 3.5 to 15 m. All the buildings will be taken up simultaneously.

Department invites bids from Reputed agencies for providing CONSTRUCTION SUPERVISION AND INSPECTION SERVICES for Construction of Infrastructure facilities for this ASLP Project (Civil, PH and Electrical works).

2.0 Major Facilities covered under the Construction works:**Facilities envisaged under ASLP Project**

S No	Description
1	Construction of Isrosene system facility at SLP
2	Construction Liquid Oxygen Storage & filling system
3	Construction of Nitrogen Storage & filling system(NSS)
4	Construction Gas storage & servicing system(GSSF)
5	Construction of Instrumentation and control system
6	Construction of Augmentation of LOX storage
7	Augmentation of LOX Storage facility at SLP area
8	Construction of pipe trench and pedestals from UT to LOFS
9	Raising of cable trench at CPB-SLP building
10	Misc. civil works in connection with ASLP project in SLP area

Layout of proposed Proposed ASLP complex



Section-B

Scope of Work

1.0 Scope of the work under this contract:

The total scope of **Civil, PH and electrical works** covered for realization of the above facilities shall be carried out under the **SUPERVISION OF SERVICE PROVIDER**. All construction and testing works carried out at site are covered under this. The major part is Civil construction works:

Construction of the ASLP project includes following :

1.1 Civil Works

The Civil works include construction, as per the construction drawings provided by the employer, on item rate basis inclusive of supply of all materials, construction and testing in respect of all facilities required for completion and handing over of the work as per technical specification and bill of quantities.

Broad scope of civil work shall include Surveying, Earthwork excavation, All types of foundations (Shallow/Pile/other foundations), RCC structure, Brick Masonry, Finishing works in respective premises along with cable trenches, pipe trenches, PH works etc. for facilities listed in section A

Scope shall also include construction of other miscellaneous units like pits, drains, trenches, paved areas, where necessary. Civil Works shall also include all works required for completeness of the project including water supply, sanitary, plumbing, Septic tanks etc. Special works like well sinking, piling, water proofing, sloped roofs etc. are also included in the scope.

1.2 Structural Works

Scope of work includes steel structural work for the various trusses, frames etc, steel doors, The work shall also include various storage sheds. The work covers supply of all materials and consumables, fabrication, surface preparation, shop painting etc,

1.3 Electrical Works

The Scope of Electrical Works include Power Distribution System including Main PCC, Sub Panel Board, UPS Distribution, PDB, LDB, UDB, MCCB in Cubicle, Isolators, Switch Sockets etc., Lighting System consist of LED flameproof & light fittings, Area lighting and Signal Lighting System, General electrical equipment/fittings other than above mentioned items consisting of FLP/ Non-FLP Air Circulators, Exhaust Fans, Ceiling Fans, LAN & telephone sockets etc , Grounding/ Earthing System , lightning Protection System for facilities listed in section A

2.0 Scope of Inspection Services:

The scope of inspection under each category and quality monitoring services are given below but not limited to:

2.1 Inspection during Construction stage of ASLP work sites:

- a) Checking of construction materials and collection of samples by the contractor from steel, cement, sand, brick, aggregate and any other materials used for construction and stamping at site for testing. Review of test reports to examine the quality and acceptance based on the results. Inspection of received material at site to assess quality.
- b) Visual inspection of soil during construction and intimating, if any variations with respect to soil investigation and report to contract manager/ EIC for further inspection.
- c) Witnessing sample collections and tests conducted by construction contractors as specified in the latest Indian standards and certifying the test results as per QAP.
- d) Witnessing the execution of all concealed items before concreting and certifying the same.
- e) Dimensional verification as per department approved drawings and standards. Checking levels foundations and all floor levels.
- f) Checking the coordinates of various members of structures.
- g) Checking the alignment of RCC structural members.
- h) Checking of the staircase interfaces with the structures, etc.
- i) Inspection of dimensions, orientation & level of all RCC structures, beams & foundation etc., during various stages of construction.
- j) Verification of the correctness of structural member construction with reference to approved detailed drawings.
- k) Review and supervision of safe construction practices during construction as per agreed HSE documents. Deviations to be informed to the contract manager immediately.
- l) Inspection and clearance at different stages of construction works: (1) Foundation (2) Flooring with ground Anchor (3) Floor levels as specified in tender (4) Roof level (5) Other services & utilities.
- m) Enabling to sort out on the issues on quality of construction arising at site, suggesting measures to improve quality.

- n) Monitoring the progress of work on day to day basis and preparation of weekly/monthly progress reports based on the reports of progress of work by CONTRACTOR.
- o) Party shall bring to the notice of the Department if any slippage or bottle neck occurs at any point of construction.
- p) Ensure that contractors carry out work in accordance with the approved quality assurance plan to meet the quality standards as per standards/codes.
- q) Party shall ensure that Department requirements are totally fulfilled as indicated in the contract by adopting necessary checklists and quality measures.
- r) Assessment of labour required from time to time to meet the targeted construction programme.
- s) Monitoring and follow up of field and laboratory test plan schedules with contractor and ensuring timely carrying out test for smooth and quality construction.
- t) Checking of accuracy of placement of all inserts/embedment during construction as per required tolerances.
- u) Checking of alignment/leveling of sole plates/l beams/foundation bolts as per the tolerances.
- v) Monitoring the Hydro test of pipelines and certifying the same.
- w) Certification of various items of work executed with quantity measurements submitted by contractors.
- x) Witnessing the calibration of Concrete batching plant and other equipment at the laboratory established by the construction agency.
- y) Verification of acceptance test reports and issue of stage wise inspection report for bill verification and final inspection report at the time of handing over of building. Inspection Agency shall certify the total scope of work carried out and submit three copies of overall inspection document to Department in proper printed formats duly signed including as built drawings.
- z) Extra work / Variation assessment and certification of estimate for recommendation of payment. The decision of the Engineer In Charge shall be final as regards extra work/ variation assessment and certification of estimate.
- aa) Any other work assigned by the Engineer In Charge which are not explicitly mentioned in the contract but relevant to ASLP project.
- bb) Verification of welding joints etc as per drawings and witnessing the weld tests

3.0 Quality Assurance Plan

Quality Assurance Plan will be approved by the department in consultation with inspection agency and construction contractor. Once the document is finalized the **SUPERVISION SERVICE PROVIDER** is responsible to ensure the inspection strictly as per the approved Quality Assurance Plan (QAP). All checkpoints are as per QAP required to be inspected thoroughly for meeting the system specification. Deviations if any shall be brought to the notice of the department and contractor for rectification.

4.0 Schedule of Deployment

The Service provider shall depute qualified and experienced inspection engineer(s) as per the qualification given in below table continuously at site for quality inspection as per site requirements.

The following personnel shall be deputed by the service provider at required time as specified in below table.

T- Start of the Construction contract

S No	Category	Approx Numbers	Qualifications and experience	To be provided at (tentative schedule)
1	Graduate Engineer (CIVIL)	01	BE/ B. Tech Civil Engineer with more than 5 years' Experience	T+0 months
2	Site Engineer (Diploma) (CIVIL)	01	Site Engineer with Diploma Civil with more than 5 years experience.	T+0 months
3	Graduate Engineer (ELECTRICAL)	01	BE/ B. Tech Electrical Engr. with more than 5 years' Experience	T+3 months
Note: BE/ B Tech and Diploma in Engineering passed with First Class personnel only are to be deployed.				
Tenderer shall submit the qualification and experience of people to be deployed for obtaining clearance from the Department.				

4.1 JOB DESCRIPTION

S No	Category	Brief Role
1	Graduate Engineer (CIVIL/ELEC)	1) Precise supervision of the work as per Work order, specifications, codal provision and QAP. 2) Dimensional verification as per department approved drawings and giving clearances at site. 3) Conducting/witnessing field and laboratory tests on materials, work etc. 4) Carrying out independent tests as may be necessary. 5) Apprising Engineer In Charge (EIC) or his Authorized Representative about the quality related matters in the work under supervision. 6) Visit to the laboratories for the test witness. 7) Visit to inspect quarry site for source approval and submitting report. 8) Checking of Bills, Measurements etc 9) To submit Progress Reports in the format approved by EIC 10) Any other works assigned by EIC
2	Site Engineer (Diploma) (CIVIL)	1) Dimensional verification as per department approved drawings . 2) Keep records as per Department QC guidelines. 3) Follow up actions for the compliance of instructions given by EIC for quality assurance with reporting in case of lacuna or deviation 4) Maintaining the register of tests conducted stating all relevant details 5) Supervision throughout the important Concreting activities. 6) Any other works assigned by EIC

SECTION-C
GENERAL TERMS & CONDITIONS

GENERAL TERMS & CONDITIONS:

- i. Service provider shall appoint engineers at site who shall be “Competent Personnel” of requisite experience mentioned in point 4.0 of section B. The experience of personnel shall be in RCC building constructions. However the Inspection Agency shall provide bio-data of the personnel proposed to be deployed for Department’s approval. Addition and deletion in the personnel list shall be effected only with prior approval of ISRO with reasonable advance notice to ensure that inspection services do not suffer at any time whatsoever.
- ii. The duration of the contract will be 15 months (approx). The number of personnel required will be intimated from time to time based on the requirement and the service provider has to provide accordingly.
- iii. The construction work shall be in general six days in a week and also beyond office hours, holidays whenever required. Deployed staff shall meet the spontaneous demands of construction works.
- iv. Service provider shall make own arrangement for accommodation, transport to site of work, medical facility, food, communication facility for their personnel.
- v. In case of demand for mobilizing additional manpower for few days party shall provide support of one (or) two engineer on daily basis which will be paid on prorata basis.
- vi. Party shall not issue any news release, articles, brochure advertisements, prepared speeches, and other information covering the contract works without written approval of ISRO SHAR regarding the content and timing of such release.
- vii. The technical information, drawings, specifications and other related documents (which are all confidential) furnished by ISRO is the property of ISRO and shall not be disclosed or handed over to any other agency except for the purpose of execution of the contract.
- viii. **Site Office:** One room without any office furniture / equipment’s will be provided to party to carry out the day to day activities subject to availability.
- ix. **Payment Terms:** Payment will be made on monthly basis against producing invoice certified by the Engineer In Charge as per the agreed rates per month. In case of absence in the month, necessary deductions will be effected based on the pro-rata basis considering 26 days in a calendar month.
- x. **Taxes:** All statutory taxes including GST, levies etc shall be indicated separately in schedule of prices (annexure-1).
- xi. The rates quoted by contractor shall include minimum wage prevailing in the State for respective personnel, Principal Employer’s contribution and Employee’s contribution to

EPF,ESI at prescribed rates, and BONUS as per the act. It should be ensured that the contractor comply with all labour laws, minimum wages act, payment of Employees Provident Fund (EPF), and ESI, as applicable. The contractor shall indemnify and compensate SDSC SHAR, if SDSC SHAR as Principal Employer under the Contract Labour (Regulation & Abolition) Act, 1970 becomes liable to assume any liability towards the workforce engaged by the contractor. In the event, the provisions relating to recovery as provided in the relevant clauses of the said Act shall be applicable in toto.

SECTION-D ANNEXURES

Annexure I

Sl. No.	Description	Qty	Unit	Rate per Unit	Amount in Rs.
1	Charges towards Supervision & Inspection Services including logistics and office expenses etc.				
	CIVIL				
	(a) Graduate Engineer with more than 5 years Experience	15	Man Months		
	(b) Site Engineer with Diploma with more than 5 years experience.	15	Man Months		
	ELECTRICAL				
	(a) Graduate Engineer with more than 5 years Experience	12	Man Months		
	Sub Total (A)				
2	Goods and Service Tax on (A)	%			
	Any other taxes, levies as applicable				
	Please do not fill rates and amount for the document being uploaded in Techno commercial bid				
	Total (1 + 2)				

Annexure 2**FORMAT TO BE FILLED AND SUBMITTED BY THE BIDDER****Annex 2.1**

S. No	Description	Supplier Response			
1.	Name of the company/ Firm :				
2.	Type of the Company (Proprietary/Pvt. Ltd/Public Ltd/Joint Venture/Consortium) :				
3.	If Company is Consortium please provide the signed copy Consortium Agreement document. :				
4.	Registration number & certificate :				
5.	Name & Address of the Office of the Chief Executive of the Company :				
6.	Contact person for this tender with name & address and contact number :				
7.	Locations of the Branches of Company (if any) :				
8.	From which year the Company is in operation :				
9.	Current Annual turn-over of the company :				
10.	IT returns for the last 3 years :				
11.	The Profit & Loss Account details for the last 3 years which is duly audited and Submitted as part of the Annual Report. :				
12.	In Rs. Lakhs only	2015-2016	2016-2017	2017-18	
	Total assets (i) :				
	Current assets (ii) :				
	Total liabilities (iii) :				
	Current liabilities (iv) :				
	Net Worth (i-iii) :				
	Working capital (ii-iv) :				
	Turnover ` in lakhs :				
	Profit/Loss in Rs. lakhs :				
	12.	Manpower details (Technician, Supervisor, QA & Inspection) :	Description	No. of Persons	Remarks
Engineers					
Admin & Acct					
Supervisor					
13.	The major customers for whom similar works are provided (Enclose copies of the Purchase Orders) :				
14.	Any customers feedback on the services which is in writing (Pl. enclose copies) :				

Annexure 2 contd..

Details of last 5 years' experience of contractor in executing similar type of work which are completed

Sl. No	Full postal address of the client with Contact Person	Name of the work	Value of the work (Rs. in Lakhs)	Nature/ scope of work
1				
2				
3				

Note: In order to consider as valid experience, all the experience has to be supported with the completion certificate and purchase order.

Details of present works being executed by the contractor

Sl. No	Full postal address of the client with Contact Person	Description of the work	Value of the work (Rs. in Lakhs)

Note: copy of purchase orders may be enclosed.

Signature of Authorized Person with Seal

Note: In order to consider as valid experience, all the experience has to be supported with the completion certificate and purchase order



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

. :

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.