TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/SCSD/02/2019-2020

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

<table>
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<th>Sl. No.</th>
<th>Ref. No.</th>
<th>Description</th>
<th>Qty.</th>
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<td>01</td>
<td>SHAR/SCSD/2020E1316001 e-procurement [Two Part basis]</td>
<td>Multi Entry Escape Chute for PIF</td>
<td>1 Lot</td>
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</tbody>
</table>

Last Date for downloading of tender documents : 06.04.2020 at 12:00 hrs.
Due Date for submission of bids online : 06.04.2020 at 12:00 hrs.
Due Date for Bid Sealing on : 06.04.2020 at 12:01 hrs. to 06.04.2020 at 16.00 hrs.
Due Date for Open Authorization : 06.04.2020 at 16.01 hrs. to 08.04.2020 at 14.00 hrs.
Due Date for opening of tenders : 08.04.2020 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](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.gov.in](http://www.isro.gov.in) ISRO e-procurement website [https://eprocure.isro.gov.in](https://eprocure.isro.gov.in) and SDSC SHAR, Sriharikota website [www.shar.gov.in](http://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 **06.04.2020 at 1200 hrs. and last date for submission of tenders on line 06.04.2020 at 1200 hrs. and Tender Opening on 08.04.2020 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: 11-03-2020

SR. HEAD PURCHASE AND STORES
ANNEXURE - I TO TENDER NO: SHAR/SCSD/2020013160

Specification for
SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF
MULTI ENTRY ESCAPE CHUTE FOR PIF

OWNER : INDIAN SPACE RESEARCH ORGANISATION
PROJECT : PSLV INTEGRATION FACILITY (PIF) PROJECT
LOCATION : SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA

PSLV INTEGRATION FACILITY (PIF) PROJECT
SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA 524 124
INDIAN SPACE RESEARCH ORGANISATION
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SECTION A

GENERAL TERMS AND CONDITIONS

OF THE CONTRACT
PROPOSAL DOCUMENT, CLARIFICATION AND ADDENDUM

Quotations are invited from the interested bidders for the enclosed scope of work in two part bid. Part-1 Technical & unpriced part of the work and Part-2 Priced commercial part.

Only experienced Bidders who are qualifying in bid-qualification criteria given in Section D2 (Page No. 43-44) only should quote.

This document is organized in four sections as follows.

Section –A General Specification, Terms and Conditions of the Contract
Section –B Scope of Enquiry & General Project information
Section –C Technical Specification.
Section –D Annexures

Title of the proposal: “Supply, Installation, Testing and Commissioning of Multi Entry Escape chute for PIF (PSLV INTEGRATION FACILITY PROJECT)”

Date Public Notification issued by ISRO: As per notification

Last Date of downloading tender Document by tenderer: As per notification

Last date of submission of tender documents in online by tenderer: As per notification

Last date of Bid sealing in online by ISRO: As per notification

Last date for giving open authorisation in online by tenderer: As per notification

A PROPOSAL DOCUMENT

1.1. Bidder shall sign & stamp each page of the tender document as token of his acceptance and submit the same along with his offer.

1.2. Proposal documents shall remain the property of SDSC SHAR and shall not be used for any another purpose without the consent of SDSC SHAR.

1.3. The proposal shall be completely filled in all respects and shall be tendered together with requisite information & Annexure. Any offer incomplete in any particulars is liable to be rejected.

1.4. The Proposal (Unpriced 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 Tender.

1.6. Supplier shall submit the open authorisation on-line with in the time limit specified in the Tender.
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. 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 of SDSC SHAR in writing.

B. PREPARATION OF BIDS

Site Visit

Bidder is advised to visit & examine the site and its surrounding to familiarize himself of the existing facilities & environment and shall collect all other information which may be required for preparing & submitting the Bid and entering into the contract with in the stipulated period. Claims and objections due to ignorance of existing conditions or inadequacy of information will not be considered after submission of the Bid and during implementation.

Validity of Offer

Bid shall remain valid for acceptance for a minimum period of 4 (four) months from the due date of submission of the Bid. The Bidder shall not be entitled during the said period to revoke or revise his Bid or to vary the Bid except and to the extent required by SDSC SHAR in writing. Bid shall be revalidated for extended period as required by SDSC SHAR 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 & conditions of Bid finalized till that time.

Cost of Bidding

All direct and indirect costs associated with the preparation and submission of bid shall be to Bidder's account and SDSC SHAR will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bid process.

Applicable Language/ measurements

The bid and all correspondence incidental 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 Bidder. All the measurements shall be given in metric system.

**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 Bidder shall be signed and stamped on each page as token of acceptance, by a person legally authorised to enter into agreement on behalf of the Bidder. (Corrections/ alteration, if any, shall also be signed by the same person).

**Schedule of Prices**

The schedule of prices shall be read in conjunction with all the sections of proposal document. The price must be filled online in the same format of ‘Schedule of Prices’ in Section D1 (Page No. 41&42). No copy of price bid shall be enclosed along with other document and upload the same anywhere in the e-procurement portal.

**Documents Comprising the Bid**

Bids shall be arranged in the following order.

1.1.1 **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.

(b) Power of attorney in favour of authorised signatory of the bid / proposal documents.

(c) All the annexure in Section-D1 to D9 (Page No. 41 to 53) enclosed in proposal duly filled, signed and sealed.

(d) Bid qualification criteria for supply, erection, commissioning and testing of Multi Entry Escape chute and all supporting documents.

(e) General arrangement drawings of Multi Entry Escape chute.

(f) Write-up on the procedure proposed to be followed for erection & commissioning of Multi Entry Escape chute.
(g) Unpriced copy of schedule of prices with all other commercial terms, taxes, duties, exemption certificates and conditions duly filled (Prices to be kept blank), signed and stamped.

(h) Audited balance sheet including profit and loss account for last three financial years showing annual turnover

(i) Latest income tax certificate.

(j) Latest solvency certificate for Rs. 20 Lakhs from a scheduled bank.

(k) Description of the procedures adapted for material procurement, fabrication & control assembly with deviations from technical specification and proposed design modifications.

(l) Data sheets for all the equipment & checklists enclosed in proposal duly filled, signed & stamped.

(m) Technical literature & data sheets of equipment / machinery used by him and any other document as mentioned in the proposal.

(n) Project execution plan

(o) Bar chart for supply & erection schedule indicating the date of completion of various activities so as to complete the execution of the contract within the time frame stipulated in the tender specification.

(p) List of items which require Customs from SDSC-SHAR.

(q) List of recommended spares including unit prices.

(r) Any other relevant document, bidder desires to submit.

1.1.2 Part – II : Priced Commercial Bid

Priced commercial bid shall be filled online in the price bid format. Schedule of prices also to be filled in the online format and no separate document shall be attached. Deviations in terms and conditions, assumptions, discounts etc. shall be stipulated in format specified in the portal. SDSC SHAR will not take cognizance of any such statement and may at their discretion reject such bids.

C. BID SUBMISSION

Bids duly filled in by the Bidder should invariably be submitted as stipulated in the Letter inviting bid. Bids shall be submitted in the following manner.

1.1 Part – I : Unpriced Techno-Commercial Part of the Bid for the Work

Complete Techno–commercial part of the bid shall be filled online in the “vendor
Specified Terms' form of the e-tender. Any documents related technical literature, guarantee / warrantee certificates and any other relevant documents as per the tender shall be scanned in lower resolution format and uploaded to the e-tender under ‘Documents solicited from Vendor’ form only in ISRO e-procurement portal (https://eprocure.isro.gov.in). In case of any clarification please mail to sselvan@shar.gov.in or rajiv_bv@shar.gov.in

The deviation statement and checklist shall be filled online, without which the bid will not be considered.

**Part – II: Price Part of the Bid for the Work**

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”. The cost of spares and other prices shall be filled in the respective forms available on-line in the e-portal. Any other terms and conditions given in this part shall not be considered and if insisted upon by the Bidder, bids are liable for rejection.

a) SDSC SHAR may open Part – I of the bid on the due date of opening subject to meeting the minimum 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 reserve rights to place order for either full quantities of all items or partial quantities and partial items based on the unit rates available.

**D. VENDOR EVALUATION FORMAT**

SDSC SHAR seeks response to the given questionnaire for assimilating data which would be used for evaluating the capability of the supplier for executing the referred work. Hence, the supplier is requested to provide only genuine data and any discrepancy found at a later point of time may result in rejection of the supplier from purchase process. Furnishing of data cannot be construed as automatic qualification for participation in the tender. Questionnaire should be signed by a responsible and authorized person of the Company / Agency.

Schedule of general particulars / vendor evaluation format shall be filled as per Section: D4 (Page No. 46 &47) . Schedule of Bidders experience and details of present works executed or being executed are to be filled as per Section: D7 (Page
No. 50 & 51).

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

E. DETERMINATION OF RESPONSIVENESS

SDSC SHAR will scrutinize tenders to determine whether the tender is substantially responsive to the requirements of the tender documents. For the purpose of this clause, a substantially responsive tender 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.

G. BID EVALUATION

1) During evaluation, SDSC SHAR may request bidder for any clarification on the bid or additional documents.

2) Techno-commercial discussion shall be arranged with bidder, if needed. Bidder shall depute his authorised representatives for attending discussions. The representatives attending the discussions shall produce authorisation from his organisation to attend the discussion and sign minutes of meeting on behalf of his organisation if required. The authorised representative must be competent and empowered to settle/decide on all technical and commercial issues.

3) Bidder must provide the point by point compliance to the technical specifications along with deviations as per “schedule of deviations” attached in Section D6 (Page No. 49). The tender will be rejected, if the deviations are not acceptable to the department.

4) Performance of bidder on similar nature of works executed/ under execution shall be taken into consideration before selecting the bidder for opening his price bid.

5) The time schedule for completion is given in the proposal document. Bidder is required to confirm the completion period unconditionally.

6) If necessary, to arrive at evaluated prices, wherever applicable, loading on total quoted prices shall be done.

7) SDSC SHAR 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 SDSC SHAR shall bear no liability whatsoever consequent upon such decision.

8) SDSC SHAR reserves the right to split the order or alter the quantities
specified based on prices quoted for part work or unit rate quoted by bidder.

9) The bidder, whose bid is accepted by SDSC SHAR, shall be issued a Letter Of Intent (LOI) /Purchase Order (PO) to proceed with the work. Bidder shall confirm acceptance by returning a signed copy of the LOI/PO.
GENERAL SPECIFICATION
1. INTRODUCTION

SDSC SHAR invites tenders in sealed covers from reputed firms with proven ability for “Supply, Installation, Testing and Commissioning of Multi Entry Escape Chute for PIF” as per the specifications.

2. SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

The detailed scope of work and technical specifications are given in Section B (Page No. 26) & Section C (Page No. 29) of this document. The general terms and conditions are given below.

3. SUPPLIER’s OBLIGATIONS & FUNCTIONS

3.1. SPECIFICATIONS AND DRAWINGS

The Supplier shall execute the works in compliance with the provisions of CONTRACT, good engineering practices and codes requirements.

3.2. SUBMISSION OF TECHNICAL DOCUMENTS

Supplier shall prepare and submit to SDSC SHAR for approval of following documents and drawings:

3.2.1. Technical literature & data sheets of equipment used by him.
3.2.2. Chute material, test details, certification etc at manufacturer site.
3.2.3. General arrangement drawings and assembly plan at supplier site.
3.2.4. Details of testing plan
3.2.5. Erection sequence schedule along with erection drawings, interface study details, floor level interface drawings.
3.2.6. No activity shall be executed unless SDSC SHAR’s approval is obtained.

The above documents shall be submitted in a format approved by SDSC SHAR.

3.3. DESIGN VERIFICATION & SUPPLY

Supplier shall carry out Design verification and supply of Multi entry escape chute in accordance with the scope, technical specifications and terms & conditions of contract.
3.4. DELIVERY AND STORAGE

3.4.1. Dispatch Instructions given in the Contract shall be strictly followed. Failure to comply with the instructions may result in delay in payment apart from imposing any other charges as may be deemed fit.

3.4.2. The supplier shall be responsible for transporting all the equipment to site, unloading and storage.

3.4.3. No equipment shall be delivered without obtaining dispatch clearance from SDSC SHAR.

3.4.4. All the equipment shall be properly packed to avoid any damage during transportation / handling / storage.

3.4.5. The equipment received at site shall be stored at a place assigned for this purpose.

4. INSTALLATION & TESTING

4.1. GENERAL

4.1.1. Supplier’s staff shall include adequate number of competent erection engineers with proven experience on similar works to supervise the erection works and sufficient skilled, unskilled and semiskilled labour to ensure completion of work in time.

4.1.2. Supplier's erection staff shall arrive at site on date agreed by SDSC SHAR. Prior to proceeding to work, Supplier shall however, first ensure that required/sufficient part of his supply has arrived at site.

4.1.3. Erection of equipment may be phased in such a manner so as not to obstruct the work being done by other Suppliers and / or operating staff who may be present at that time.

4.1.4. During erection, Department's quality team / their engineer will visit site from time to time with or without Supplier’s engineer to establish conformity of the work with specification. Any deviations, deficiencies or evidence of unsatisfactory workmanship shall be corrected as instructed by Department.

4.1.5. Supplier shall carry out work in a true professional manner and strictly adhere to the approved drawings. Any damage caused by Supplier during erection to new or existing building / environment shall be made good at no extra cost to Department.
4.2. RECORDS
Supplier shall maintain records pertaining to the quality of erection work in a format approved by Department. Whenever erection work is complete, Supplier shall offer erected equipment for inspection to Department's engineer who along with Supplier's engineer will sign such records on acceptance.

4.3. SAFETY
Supplier shall follow the safety regulations / codes and shall take necessary measures at his own cost.

4.4. ERECTION & CONSTRUCTION POWER
4.4.1. Electrical power and available material handling equipment may be extended by SDSC SHAR on chargeable basis, as per the tariff rules of State Electricity Board and SDSC SHAR. Reasonable quality of normal Construction power will be made available at one point (415V, 3 phase, 50 Hz). However onward distribution shall be by the supplier. Installation of necessary energy meters, switchgear & distribution system, etc for Construction power in a safe manner in strict conformity with local rules & regulations will be responsibility of supplier.

4.4.2. During non-availability of power, supplier shall make his own arrangement of alternate power source at their cost.

4.5. WORK RULES AT SDSC-SHAR
The work shall be carried out on SDSC-SHAR working days only or permission to be obtained from the contract manager for late hours / holidays.

4.6. SITE CLEARANCE
Upon completion of work, supplier shall remove all his equipment and material from the site within one month or time mutually agreed. Supplier at all times shall keep site in clean condition and remove all unwanted material at regular intervals. In case supplier fails to remove all their equipment and material within the mutually agreed time, it is deemed that SDSC SHAR will arrange to remove the same at Supplier’s cost.

4.7. ACCOMMODATION
4.7.1. Accommodation will not be provided by SDSC SHAR to Contractors.
4.7.2. Supplier shall make their own arrangement for accommodation, transportation & canteen facility for all his staff, technicians, labour & workers.
4.8. MEDICAL FACILITIES

No medical facilities will be provided by SDSC SHAR. Supplier shall make their own arrangement at their own expenses for medical facilities for site personnel.

4.9. WORK PROGRAMME

Supplier shall prepare a detailed programme schedule for review / approval by SDSC SHAR. Supplier as per exigencies of work shall revise and update programme periodically.

4.10. SUB-CONTRACTS

4.10.1. No work shall be sub-contracted without prior approval of SDSC SHAR.

4.10.2. Supplier shall be responsible for the proper execution of any sub-contract placed by him in connection with this purchase order.

4.10.3. Supplier shall furnish to SDSC SHAR the copies of all un-priced sub-orders showing promised delivery dates and places.

4.11. CHANGES AND MODIFICATION TO SPECIFICATIONS, DRAWINGS AND QUALITATIVE / QUANTITATIVE REQUIREMENTS

4.11.1. Supplier shall obtain approval from SDSC SHAR before initiating the action for procurement of bought out items.

4.11.2. During the fabrication review, supplier has to carry out the mutually agreed modifications to meet the overall requirement.

5. RECORD OF DRAWINGS AND O&M MANUALS

5.1. Supplier shall submit 3 hard copies & one soft copy of all the approved drawings incorporating any modification / changes made during the execution of CONTRACT. All these drawings shall be marked as 'As Built'.

5.2. Supplier shall submit 3 hard & one soft copy of O&M manual. These manuals should indicate weekly, monthly and yearly maintenance schedule and other instructions necessary for safe maintenance of equipment.

5.3. Submission of the drawings and manuals shall be a precondition for releasing of any final payment due to Supplier.

6. IGST Concession:

As per the Notifications No.47/2017-Integrated tax(Rate) dated 14.11.2017 issued by Ministry of Finance (Department of Revenue), SDSC SHAR is eligible for a reduced rate of 5% IGST only wherever IGST is applicable. Accordingly, Concession Certificate
will also be provided).

7. **CUSTOMS DUTY**

We are entitled for Partial Customs Duty Exemption (10.775%) vide Notification No.05/2018 dt: 25-01-2018 for imports. Confirm whether CD is applicable and if so whether CD Exemption Certificate is acceptable and the same is required for exemption.

8. **RISK COVERAGE**

The Supplier shall arrange comprehensive risk coverage at his own cost covering the value of equipment including transportation to the site from manufacturer’s works, storage at site, installation, testing and commissioning at site. The period of such coverage shall be up to contractual completion period or any extension granted by Department thereof.

9. **INCOME TAX**

Income tax at the prevailing rate as applicable and if applicable from time to time shall be deducted from the supplier's bills as per Income Tax Act and a certificate issued (TDS Certificate).

10. **PERFORMANCE SECURITY**

A Bank Guarantee for 10% of the order value shall be provided immediately within 10 days after supply or along with supply towards the performance of the system. The Bank Guarantee should be from a Nationalised / Scheduled Bank in Rs100/- non-judicial stamp paper valid till the successful completion of warranty period plus 60 days. This will not carry any interest and shall be returned to you after successful completion of warranty period against your request. In case of non-performance/poor performance the Bank Guarantee shall be forfeited.

11. **PACKING AND FORWARDING**

11.1. The Supplier shall arrange to have all the material suitably packed as per the standards and as specified in the contract. Unless otherwise provided for in the contract, all containers (including packing cases, boxes, tins, drums, and wrappings) used by the Supplier shall be non-returnable.

11.2. All packing and transport charges, transit handling costs, transit risk coverage and transport fees of agents employed at the place of delivery or elsewhere, shall be deemed included in the price to be paid to the Supplier.
12. **ARBITRATION**

In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices 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.

Work under the Contract shall be continued by the CONTRACTOR during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the DEPARTMENT or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained.

13. **APPLICABLE LAW AND JURISDICTION**

The laws of India shall govern this purchase order for the time being in force. The Courts of Andhra Pradesh, India only shall have jurisdiction to be with and decide any legal matters or disputes what so ever arising out of the purchase order.

14. **GUARANTIES**

The Supplier shall guarantee that the equipment furnished by him is in conformance with the requirement of the specifications. Goods covered by the contract shall be free from defects in materials or workmanship for a period of **Twelve months** from the date of successful commissioning & acceptance by Department.

15. **WARRANTY**

The bidder shall provide **12 months** warranty for the entire system for a defect liability, after final official handing over at his cost. During this period, supplier has to provide and adhere to the following:
15.1. He has to attend quarterly based preventive maintenance visits and breakdown maintenance calls. All the defective components have to be replaced or rectified on one to one basis.

15.2. Break down maintenance should be responded within 48 Hours time and shall be completed within 48 Hours after respond.

15.3. Department will not provide any transport/accommodation.

15.4. Incase vendor failed to attend and repair the system within 7 days from the date of reporting the problem, Department will reserve right to forfeiting the BG apart from withheld of any payment payable to the vendor.

15.5. Where defects in items are remedied under warranty, the period for which the warranty operates shall be extended by such period, as the items were not available to SDSC SHAR. Where defect items are replaced by new ones, the full warranty period stipulated in the purchase order shall apply to such replacement items as from the date of their delivery.

16. **SCHEDULE OF PRICE**

16.1. CONTRACT price shall include all costs of “Supply, Installation, Testing and Commissioning of Multi Entry Escape Chute for PIF”, shop testing, packing, forwarding, transport to site, unloading, storage, all risk coverage, erection, installation, testing & evaluation and commissioning of equipment including any other cost for proper and complete execution of the CONTRACT.

16.2. CONTRACT prices shall also include all travelling expenses, living expenses, salaries, overtime, benefit and any other compensation for engineers, supervisors, skilled, semiskilled workmen, watch and ward staff, labours and other staff employed by the Supplier, cost of tools and tackles required for erection and other consumable material required, and all taxes, duties, and levies as applicable on the date of submission of bid.

16.3. Price shall be firm & fixed.

16.4. Supplier shall quote the prices similar to price bid format enclosed as Section–D1 (Page No. 41)

16.5. The rate quoted shall be on FOR SDSC SHAR, Sriharikota basis.

16.6. The taxes applicable for supply, transportation and erection & commissioning shall be *indicated separately* in the price bid. If the offers submitted by the tenderers are silent on taxes, it will be presumed that quoted rates are inclusive of taxes & duties and no claim in this regard will be entertained later.
17. **DISCOUNTS**

   Tenderer shall not indicate any discount separately and quoted price should be after deducting the discount.

18. **MODE OF PAYMENT**

   All the payments due to Supplier will be made through PFMS/RTGS. Bidders can submit the banker details.

   **18.1. FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF MULTI ENTRY ESCAPE CHUTE SYSTEM**

   18.1.1. **30** % of Order value as advance against submission of bank guarantee for an equivalent amount valid till supply period plus 2 months claim period.

   18.1.2. **50** % of Order cost payment against receipt of complete material at Purchasers / Department site, along with 100% GST/IGST.

   18.1.3. **10** % of Order cost after successful assembly/Installation of the multi entry escape chute at site/building.

   18.1.4. **10** % of Order cost against successful testing and commissioning & acceptance by Department of equipment and system covered under contract and against submission of Performance bank guarantee of equal amount valid till warranty period plus 3-2 months claim period.

19. **PERFORMANCE BANK GUARANTEE**

   A Bank Guarantee for 10% of the order value shall be provided immediately within 10 days after supply or along with supply towards the performance of the system. The Bank Guarantee should be from a Nationalised / Scheduled Bank in Rs100/- non-judicial stamp paper valid till the successful completion of warranty period plus 60 days. This will not carry any interest and shall be returned to you after successful completion of warranty period against your request. In case of non performance/poor performance the Bank Guarantee shall be forfeited.

20. **COMBINED BANK GUARANTEE FOR SECURITY DEPOSIT CUM PERFORMANCE BANK GUARANTEE**

   In case, if parties are unable to provide two separate BGs, i.e., one for SD & one for PBG, they can submit a combined BG for SD & PBG for 10% of the Order value valid till the completion of total contractual obligation (i.e., Supply period + warranty period + 60 days).

   A combined Bank Guarantee (as per the format enclosed) for 10% of the order value) shall be provided immediately within 10 days after receipt of order towards the performance of the contract & the performance of the system. The
Bank Guarantee should be from a Nationalised/ Scheduled Bank (as per the format enclosed) in Rs.100 non-judicial stamp paper valid till the successful completion of contractual obligation (i.e., for the period of supply + warranty + 60 days). This will not carry any interest and shall be returned to you after successful completion of contractual obligations. In case of non performance/poor performance the Bank Guarantee shall be forfeited. If you are not submitted the BG within the specified period, this order is liable to be cancelled.

21. **Purchase / Price preference to MSEs:**

Purchase/Price preference will be applicable in addition to product reservation admissible to the Micro and Small Enterprises. Purchase/Price Preference shall be extended to the MSEs under the Public Procurement Policy for MSEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006. The participating MSEs in a tender, quoting price within the band of L-1 + 15% may also be allowed to supply a portion of the requirement by bringing down their price to the L-1 price, in a situation where L-1 price is from someone other than an MSE. Such MSEs may be allowed to supply upto 25% of the total tendered value. In case of more than one such eligible MSE, the supply will be shared equally.

**Note : Applicability of the above mentioned is subject to technical possibility.**

Micro & Small Enterprises which have technical capability to deliver the goods & Services as per prescribed technical & quality specifications and may not be able to meet the qualification criterion relating to prior experience-prior turnover may be relaxed as per guidelines issued by Ministry of MSMEs & as amended from time to time.

22. **DELIVERY SCHEDULE**

The commissioning of MULTI ENTRY ESCAPE CHUTE within the schedule is very essential. Hence, bidders are requested to adhere to the completion time strictly. Multi entry escape chute as per the specifications of the contract shall be delivered within 2 (Two) months from the date of release of Purchase Order. Installation, testing & commissioning shall be carried out within one month from date of clearance by the Department. Department will intimate the readiness, at least seven (7) days in advance. However, the commissioning will be carried out within months from the date of supply.
23. **LIQUIDATED DAMAGES**

In the event of the Supplier failing to complete the work within the delivery period specified in the contract agreement or in extension agreed thereto, Department shall reserve the right to recover from the Supplier as liquidated damages, a sum of 0.5 percentage per week or part thereof of the undelivered portion of the total contract price of equipment or work. However, the total liquidated damages shall not exceed 10.0 percentage of the total Contract price. The LD reckoning date shall be 2 months onwards for supply portion from the date of release of purchase order and after 1 month from date of site clearance by Department for installation, testing and commissioning.

24. **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.

25. **DISCLOSURE AND USE OF INFORMATION**

25.1. If the documents supplied by SDSC SHAR are marked “**Strictly Confidential**”, supplier shall take all necessary steps to ensure the same.

25.2. Supplier shall guarantee that all information and data received during execution of Purchase Order from SDSC SHAR shall be classified as “**confidential**” within the meaning of the Official Secrets Act and will not be divulged to any third party without prior written permission of SDSC SHAR. All drawings & documents shall be returned after execution of work.

25.3. No publicity of any kind whatsoever regarding this work shall be given without prior clearance from SDSC-SHAR.
26. ACCEPTANCE AND REJECTION:

ACCEPTANCE AND REJECTION:
On completion of the work or part of the work as specified in the contract, the representative of the Department referred to, shall check as soon as possible, but in any event within one month of notification of readiness for acceptance that the work performed complies with the contract requirements as regards quantity and quality.

In the event of rejection of any of the articles, whereby the Supplier feels himself aggrieved, he may within eight days of the receipt of notification of rejection and before such articles have been removed from the place of inspection, give the Department notice of objection. Such objection shall be considered by a Board of Appeals of the Department. The Department shall, without prejudice to the arbitration clause in the contract, take a decision upon presentation of the Board's findings.

On completion of tests, the members of the Inspection Organisation of the Department or Inspection agency appointed by Department shall prepare a report, which must be countersigned by the Supplier.

27. SUSPENSION:

27.1. Department may notify the Supplier to suspend performance of any or all of his obligations under the Contract. Such notice will specify the reasons for suspension and the effective date of suspension. Supplier there upon shall suspend the performance of such obligations until ordered in writing to resume performance of Contract by Department.

27.2. If Supplier’s performance or his obligations remain suspended or the rate of progress is reduced, then, the time of completion will be suitably extended and all costs incurred by Supplier as a result of suspension or reduction in rate of progress will be paid to Supplier provided that the suspension or reduction in the rate of progress is not by reasons of Supplier's default or breach of Contract.

28. CANCELLATION

28.1. GENERAL RULE
The Department shall have the right at any time to cancel a contract either wholly or in part by giving written notice by registered mail. From the time of receipt of the written notice, the Supplier shall undertake to observe the
instructions of the Department as to the winding up of the contract both on his own part and on the part of his sub-suppliers.

28.2. **WITHOUT FAULT OF SUPPLIER**

In the case of cancellation of a contract by the Department without any fault of the Supplier, the Supplier shall on receipt of Department's instructions forthwith take the necessary steps to implement them. The period to be allowed to implement them shall be fixed by the Department after conclusion with the Supplier and, in general, shall not exceed three months.

Subject to the Supplier confirming, Department shall take over from the Supplier at a fair and reasonable price all finished parts not yet delivered to the Department, all unused and undamaged material, bought-out components and articles in course of manufacture in the possession of the supplier and property obtained by or supplied to the Supplier for the performance of the contract, except such material, bought-out components and articles in course of manufacture as the supplier shall, with the agreement of the Department, elect to retain.

28.3. **WITH FAULT OF SUPPLIER:**

The Department reserves the right, after full consideration of all relevant circumstances, including the observations of the supplier, to cancel a contract in any of the following circumstances.

28.3.1. In the event of the Supplier's failure to meet

   (i) The Technical requirements of the Supplier.

   (ii) The Progress and/or delivery requirements.

28.3.2. If the Supplier has not observed the provisions of the contract concerning the disclosure and use of information provided by the Department.

28.3.3. If the Supplier fails to comply with the provisions of the contract concerning the equipment, supplies and technical documents made available by the Department.

28.3.4. If the Supplier transfers his contract without the Department's authorization or concludes sub-contracts against the Department's explicit directives.

28.3.5. In the event that Supplier unjustifiably repudiates the Contract or fails to ship or dispatch all or part of the goods ordered for reasons other than those attributed to the Department's actions or as provided in the Force Majeure clause, the Department may, by giving an appropriate notice in
writing to the Supplier, fix a Date of Essence by which the Supplier must complete the dispatch in full. If the Supplier fails to do so, the Department, in addition to his right to recover Liquidated Damages in terms of the Contract, shall also have the right to cancel this Contract and make substitute purchases from other sources. If the goods are in a partial state of fabrication, Department may have the fabrication completed by other means, in which event Supplier shall be liable to Department for the additional expenses incurred thereby, but shall not have any claim on savings, if any, in such cases.

In the event of such cancellation, the Department shall unless otherwise specified in the contract, only pays.

- In the case of a fixed-cost contract for the supply of equipment or material. The contractual value of items delivered and accepted under the contract before receipt of notification of cancellation, or to be accepted under the special conditions of cancellation.

- In the other cases.

A fair and reasonable price in respect of such work as has been carried out prior to the receipt by the Supplier of notification of cancellation.

29. FRAUDULENT PRACTICES, BRIBERY AND CORRUPTION OF GOVERNMENT SERVANTS

The contractor represents and undertakes that he has not given, offered or promised to give, directly or indirectly any amount, gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the department or otherwise in procuring the contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the contract or any other contract with the Government for obtaining a contract or showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the government. Any breach of the aforesaid undertaking by the contract or any one employed by him or acting on his behalf or for his benefit (whether with or without the knowledge of the contractor) or the commissioning of any offence by contractor or any one employed by him or acting on his behalf, as defined in chapter IX of the Indian Penal code, 1860 or the prevention of corruption Act. 1947 or any other Act enacted for the prevention of corruption shall, without prejudice to any other legal action, entitle the Department to cancel the contract either wholly or in part, and all or any other contracts with Contractor and recover
from the Contractor such amount or the monetary value thereof and the amount of any loss arising from such cancellation without any entitlement or compensation to the Contractor. The Department will also have the right to recover any such amount from any contracts concluded earlier between the contractor and the Government of India. The contractor will also be liable to be debarred from entering into any contract with the Government of India for a minimum period of five years. A decision of the Department to the effect that a breach of the undertaking had been committed shall be final and binding on the Contractor.
SECTION B

SCOPE OF ENQUIRY AND GENERAL PROJECT INFORMATION
1.0 SCOPE OF ENQUIRY

1.1. This specification covers design, engineering, manufacture/procurement, inspection and testing at BIDDER’s and/or his SUB-VENDOR’s works, packing, transportation from place of manufacture to site, unloading and storage at site, cleaning, installation, testing, commissioning and performance testing at site for Multi Entry Escape Chute for PSLV Integration Facility (PIF) of Indian Space Research Organization (ISRO), at Satish Dhawan Space Centre SHAR, Sriharikota, SPSR Nellore District, Andhra Pradesh, India.

1.2. It is not the intent to specify completely herein all the details of design, construction of the equipment, erection, commissioning and testing requirements. However, the component / assemblies / equipment shall conform in all respects to high standards of engineering design and workmanship and be capable of performing in continuous commercial operation upto the BIDDER’s guarantee ensuring high degree of reliability, ease of operation and maintenance of the equipment in a manner acceptable to the Department who will interpret the meaning of drawings and specifications and shall be entitled to reject any work or material which in his judgment is not in full accordance therewith.

1.3. The extent of supply under the contract includes all items shown in the drawings, notwithstanding the fact that such items may have been omitted from the specifications or Schedules. Similarly the extent of supply also includes all items mentioned in the specification and/or Schedules, notwithstanding the fact that such items may have been omitted in the drawings.

1.4. In the event of conflict between requirements of any two clauses of the specification documents or requirements of different codes/standards, specified, the more stringent requirement as per the interpretation of the Department shall apply.

1.5. All necessary co-ordination with regard to sub-contracted equipment shall be carried out by the BIDDER. The Department will communicate only with the BIDDER for all matters pertaining to this contract.
2.0 PROJECT INFORMATION

2.1. Project Title : PSLV Integration Facility (PIF)
2.2. Dimension of the building : 30 m x 35 m x 64m (LXWXH)
2.3. Location of site : Sriharikota, AP
2.4. No. of Floors : 15 Nos. of various height
2.5. Access to Site : By Road
   - From North of Chennai is approximately 100 km.
   - From East of Sullurpeta in Nellore dist is approx. 28km.
   - By Rail (Nearest railway station: Sullurpeta)
   - Chennai – Vijayawada rail track line.

2.6. Climatic Conditions

a) Temperature
   - Mean of daily max : 42.2 °C
   - Mean of daily min. : 11.8 °C
   - Maximum Temperature : 44.6 °C
   i. Design ambient temperature : 45.0 °C
      for performance guarantee
   ii. For electrical system design : 50 °C

b) Relative humidity
   i. Range : 15% to 100%
   ii. Design relative humidity : 70%
      for performance guarantee
SECTION -C

MULTI ENTRY ESCAPE CHUTE
TECHNICAL SPECIFICATION
I. TECHNICAL DATA SHEET:

1. TYPE OF ESCAPE CHUTE: 3 Layer Multi Entry Personnel Escape Chute.

2. MATERIAL

   a) Inner layer--- Shall be made of Twaron/Kevlar fibre along the entire length and chloro vinylque yarn across the length to provide adequate strength.

   b) Middle layer--- Expandable material like lycra and modalacryl elastomer.

   c) Outer layer--- Shall be made glass fibre fabric, non flammable in nature to protect against external fire.

   d) * Material used for the construction of chute, sleeve should not be of polyester coated with fire retardant or wire sewn or series of stainless steel coiled springs sewn.

   ** certificate for the same shall be provided.

   e) The entrance frame of chute material shall be made of high grade aluminum alloy of AlSi6 or LM 23 or equivalent material and certificate for the same to be provided.

3. CHUTE DIAMETER

   a) Inner layer--- diameter shall not exceed 60cm.

   b) Middle layer--- diameter shall not exceed 22cm, shall be expandable to minimum three times of its diameter.

   C) Outer layer--- diameter shall be of 62 ±2cm

   d) The size of entry point of the chute shall not be less than 58cm.

4. LOAD CARRYING CAPACITY

   : Inner layer--- Shall withstand the total load of the chute and it shall have load carrying capacity of 10 tons (10,000 kg) or a maximum load of 5600kg per meter width of fabric. The details of the load carrying capacity of the material and as an integrated system to be submitted.

5. WEIGHT OF CHUTE MATERIAL:

   a) Inner layer--- weight of the chute material shall not exceed 300g/m²

   b) Middle layer--- The weight of the chute material shall not exceed 260g/m²

   c) Outer layer--- weight of the chute material shall not exceed 420g/m²
### 6. QUANTITY

<table>
<thead>
<tr>
<th>S/No</th>
<th>LENGTH/TYPE OF CHUTE</th>
<th>QTY (in Nos)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>Inserting type (overlap) chute 4.6 m length</td>
<td>03</td>
</tr>
<tr>
<td>B.</td>
<td>Terminal chute with cushion pad of 4.5 m length</td>
<td>01</td>
</tr>
<tr>
<td>C.</td>
<td>Inserting type (overlap) chute 4.4 m length</td>
<td>01</td>
</tr>
<tr>
<td>D.</td>
<td>Inserting type (overlap) chute 4.3 m length</td>
<td>01</td>
</tr>
<tr>
<td>E.</td>
<td>Inserting type (overlap) chute 3.7 m length</td>
<td>02</td>
</tr>
<tr>
<td>F.</td>
<td>Inserting type (overlap) chute 3.4 m length</td>
<td>01</td>
</tr>
<tr>
<td>G.</td>
<td>Terminal chute with cushion pad of 3.3 m length</td>
<td>01</td>
</tr>
<tr>
<td>H.</td>
<td>Inserting type (overlap) chute 3.2 m length</td>
<td>01</td>
</tr>
<tr>
<td>I.</td>
<td>Terminal chute with cushion pad of 2.6 m length</td>
<td>01</td>
</tr>
<tr>
<td>J.</td>
<td>Terminal chute with cushion pad of 2.1 m length</td>
<td>01</td>
</tr>
</tbody>
</table>

Note: Supplier should quote compulsorily for the individual items required for completing the project including above listed items for considering the offer.

### 7. CHUTE STORAGE BOX

All the chutes shall be supplied with suitable individual boxes made of stainless steel material, which act as storage for the chutes. The box shall be designed such that deployment of chute shall be simple and automatic in addition to the protection of chute when not in use.

### 8. TEMPERATURE/ FIRE RESISTANCE

- **a) Inner layer** --- Made of fire resistance material and shall functional upto 450°C. Decompose temperature shall not be less than 500°C. Test certificate shall be produced along with the supply of chute.

- **b) Middle layer** --- Middle layer shall be functional upto 175°C. Test certificate shall be produced along with the supply of chute.

- **c) Outer layer** --- Outer layer shall be functional upto 750°C and softening point shall be of 800°C. Test certificate shall be produced along with the supply of chute.
9. CERTIFICATION/CODE

a) Chute material/manufacturing and testing shall be as relevant EU/international/Indian standard.

b) Quality certificate/certificate of conformity by the manufacturer shall be produced along with the supply of chute.

Total amount for items A – J shall be taken into account for arriving at the lowest bid.

Items listed are not exhaustive, over and above any accessories, items required to complete the project should be considered in the scope of work and supply / installation to be made.

10. Escape chute scheme layout drawing is attached in Annexure – II (Page No. 57) and as per this drawing, the erection and commissioning to be carried out by the supplier.

Note: All above specifications shall be met by supplier and confirmation for meeting the above specification shall be submitted along with technical bid. Without the above confirmation, tender will not be considered for price bid.

II. TYPE OF CHUTE ENDS:

a) Terminal chute: The chute which ends at a floor and not into another chute is termed as terminal chute. The operational length of the chute shall stop at 600 - 800 mm above the floor level. A cushioned bed made up of non flameproof materials shall be attached to the ends of the chute by suitable means and shall rest on the floor. The bed shall make the landing of the evacuees less strainful compared to landing on concrete floor.

b) Inserting chute (overlap): Other than terminal floors, the chute ends shall be inserted into the below level floor chute with an overlap of 400 mm. This is to enable the evacuee to continue escaping.

III. BACKGROUND INFORMATION / FUNCTIONAL REQUIREMENT

PSLV Integration facility is a 30 m x 35 m x 74 m tall concrete structure mainly intended for receiving and integrating satellite launch vehicle. This building consist of 15 floors. 11 floors are going to be provided with emergency escape chute in two location 1.5 m apart in every floor from first floor. Presently only one chute is planned in this building in staggering arrangement for every 4/3 floors as given in Annexure II. Along with this two additional chutes are planned in 3rd to 2nd floor and 2nd to 1st floor as shown in Annexure II for the purpose of training. In case of any emergency, the occupants need to be evacuated in a very fast manner. Hence, it is proposed to install multi entry escape chute for PIF.

The multi entry escape chute is to provide complete escape system which shall be
always ready for use - and it should protect the user as he escapes. It shall be used successfully without any previous practice.

Average speed for evacuee with right behavior is to be considered for 2.5 m per second. It should take within 35 – 40 seconds to descend a chute from 50 metres to be considered. A maximum of 30 persons a minute shall be evacuated at height from fire or danger. To control a fast, descend of a second person, the escape chute shall have a provision to twist the chute (i.e. 2 turns) between the first and the second person. By twisting the chute at full length and by slowly untwisting the chute, the descending speed shall be controlled. This chute should be able to enable injured on stretcher, unconscious or disabled people to be transported down slowly and safely.

The chutes are proposed to be installed in openings provided on the floors in a staggered manner so that multiple persons can escape through the chutes.

IV. DETAILED SCOPE OF WORK

1.1. Submission of Technical specification, Installation, Testing and commissioning procedure for Multi Entry Vertical Emergency Escape chute for PIF facility and getting approval from ISRO.

1.2. Submission of the drawings and documents as per the technical specification along with test details and certificates.

1.3. Supply of all the equipment to SDSC SHAR, Sriharikota.

1.4. Installation of Multi Entry Vertical Emergency Escape chute at PIF facility, SDSC SHAR, Sriharikota.

1.5. Testing and Commissioning at PIF facility, SDSC SHAR, Sriharikota

1.6. Implementation of safety at different stages of erection and commissioning.

1.7. Reliability and quality assurance during manufacture and testing of the equipment.

1.8. Submission of guarantee for efficient and specified performance of the total equipment. In case, any item is found to mal-operate or fails to provide specified performance during inspection/ testing at SDSC SHAR or during commissioning/ trial runs of the system or during guarantee period after commissioning, the Supplier shall attend to the faulty/defective item within shortest possible time and make necessary repairs/ replacements to the satisfaction of the Department, without any commercial implication.
V. PERFORMANCE DATA REQUIREMENTS

1. The escape chute shall be ready for immediate use as emergency exit.
2. Average speed for evacuee shall be of 2.5 m/s. It should take approximately 35 – 40 seconds to descend a chute of up to 50 metres length.
3. A maximum of 15 persons a minute can be evacuated at height from fire or danger.
4. The multiple protective layers of chute shall protect evacuee passing down the chute from flame, heat, and smoke.
5. To operate the chute, there shall be no power source required.
6. The vertical gravity descend system shall relies solely on body weight, and test proved that all evacuees regardless of body size, shape and weight, injured on special designed stretcher and unconscious people, once inside the chute tube will arrive at ground level quickly and relatively safely.
7. It shall transport a continuous flow of evacuees.
8. It shall require a little or no instruction for use.
9. It shall require a little physical exertion in sliding down the chutes.
10. Users shall have the ability to self-control the speed of own descends and also allow external means to control the speed of one’s descend from the outside at ground.
11. It shall be suitable for all ages and physical conditions of evacuees, including disabled people.
12. It shall be constructed in such a way that it enables rescue personnel to control the evacuation process.

VI. INSTALLATION

1. Chute shall be installed permanently in the 660mmX660mm square opening provided in the every floor.
2. The installation of chute will be after the clearance from the Department official at SDSC SHAR.
3. The chute shall be installed in such a way that it allows facility occupants to gain access to the chute at each floor where working personnel at several levels shall be evacuated simultaneously from the facility.
4. The chute shall be installed in segments at each floor inside the duct provided in the facility.
5. The escape chute installation should be designed as per the Building Specifications in terms of Floor Heights and Total Height.
VII. PACKING, TRANSPORTATION & SAFE STORAGE OF ITEMS AT SDSC SHAR

a) No equipment shall be delivered without obtaining dispatch clearance from SDSC SHAR.

b) Party has to pack all the items in seaworthy packing to protect against corrosion. All the equipment shall be properly packed to avoid any damage during transportation/handling/storage.

c) The supplier shall be responsible for transporting all the equipment to site, unloading and storage.

d) The equipment received at site shall be stored at a place assigned for this purpose.

VIII. GENERAL ERECTION PROCEDURE

a) Equipment delivered at site to be inspected and checked as per Packing List.

b) The chute hatch shall be properly aligned and fixed to the cutout provided in the facility.

c) The chute hatch shall be fixed such a way that it is able to carry the load transferred to it.

d) Levels of chute to be rechecked after full installation.

IX. INSPECTION, TESTING AND COMMISSIONING AT SUPPLIER’S SITE

a) All the multi entry escape chute shall be tested at suppliers/manufactures site as per the EN/IS/EU or relevant standards and all the test certificates shall be produced along with the supply of material.

X. INSPECTION, TESTING AND COMMISSIONING AT DEPT. SITE

a) Functional testing of chute at site after erection and commissioning.

b) Checking the free flow of men/material through the escape chute as per the indent specification.

c) In case, any equipment is found to malfunction or giving sub-standard performance during this activity, it shall be replaced free of cost.

XI. DOCUMENTS TO BE SUBMITTED

DOCUMENTS TO BE SUBMITTED ALONG WITH THE OFFER

1. Signed copy of this Technical Specification as a proof of compliance to all the requirements of the document.
2. Confirmation of meeting specification given for Multi Entry Escape chute.
3. Dimensional details of the proposed Multi entry escape chutes.
4. Preliminary design calculations for Multi entry escape chute system.
5. Preliminary Quality Assurance Plan (QAP) which will be followed.
6. Detailed specification, schematic drawing, Bill of Material (BOM), complete with the features indicated in the order specification.
7. Any other relevant data/information.

**XII. DOCUMENTS TO BE SUBMITTED AFTER PLACEMENT OF OFFER**

1. A bar-chart/ PERT network for all activities such as design, approval, procurement, manufacturing, assembly, testing, inspection, delivery, erection, commissioning etc. shall be submitted within two weeks of placement of order.
2. Detailed specification, schematic drawing, Bill of Material (BOM), complete with all specification of all multi entry escape chute segments incorporating all the required details against the features indicated in the order specification.
3. General arrangement drawings and cross sectional details indicating dimensional details for the equipment and bill of material.
4. Certified detailed technical literature of all components highlighting all the features of the items finally selected.
5. Safety, reliability and quality assurance plans followed for each type of equipment.
6. Installation drawings and instructions for various segments of multi entry escape chute.
7. Weight of each segments of multi entry escape chute.
8. Copies of Purchase Orders for bought-out items blanking price part (one copy only)
9. Any other relevant data/information.

**XIII. DOCUMENTS TO BE SUBMITTED AFTER COMMISSIONING**

1. Three (3) sets of Operation and Maintenance Manuals, spare parts catalogue, engineering data sheets and part lists covering each item including bought out components along with all drawing shall be compiled and submitted.
2. One set of reproducible and soft copy on CD/DVD for all drawing and operation & maintained manuals.
3. As-built drawings (3 copies).
4. Design calculation and analysis data if any.
5. Complete Inspection / test results (3 copies).
6. Inspection certificate & guarantee certificate (3 copies).

**XIV. QUALITY ASSURANCE PLAN**

1. Tenderer shall have an established and effective Quality Assurance plan during manufacturing the system. The SR & QA plan shall be submitted for approval of ISRO.

2. Tenderer shall ensure that the item supplied is absolutely safe for use in the stipulated work environment and conform to applicable safety norms and standards.

3. During manufacture, fabrication assembly, testing and delivery, the vendor shall strictly comply with Quality Assurance instruction including Cleanliness Control, procurement Control, Design change Control, Deviation Control, Failure Reporting & Analysis, Calibration Control, documents control & Training requirements.

**XV. GENERAL INSTRUCTION TO THE CONTRACTOR**

1. The items covered in this specification shall confirm to technical specifications, latest revision of relevant standards and requirements in respect of accuracy, performance, dimensions, materials of construction, manufacturing, safety, reliability & quality assurance, inspection and testing.

2. The supplier shall keep essential commissioning spares available at Sriharikota during commissioning phase, a list of such spares shall be furnished in four weeks after order placement.

3. All the equipment and accessories to be supplied under this package shall be new & from the latest product range of the supplier.

4. The Supplier shall list out all the equipment along with their components/ parts, including make, type, model number and the other details for the approval of SDSC SHAR. Any deviation from it after approval shall not be permitted.

5. All correspondences /documents shall be in English language and the data / other dimensional details shall be submitted in Metric Units only.

6. The supplier shall indicate any assumption made in respect of specification, data of any other details that have not been mentioned in this order but considered necessary for sizing & selection of equipment to meet the specified application requirements. All such assumptions will not be binding on ISRO unless expressly agreed upon. The supplier, under these conditions, shall supply equipment based...
on the data accepted to ISRO without any commercial implication.

7. All necessary facilities including tools, testing equipment, instruments, accessories, manpower assistance etc. shall be provided by the supplier to enable inspection of equipment by ISRO during its manufacture/ fabrication/ assembly & inspection.

8. The supplier shall be responsible for adherence to all the applicable rules, regulations & requirements of statutory bodies of the Andhra Pradesh State Government and Central Government of India, as required.

XVI. COMPLIANCE TO STANDARDS

All the items supplied or used shall be new and of first quality and shall be manufactured/ fabricated and tested in accordance with the latest editions of the relevant Indian/Intentional Standards. Any components or systems where no specific standards are applicable shall be fabricated as per the instructions and directions of the purchaser or its authorized nominee.

XVII. QUALITY OF MATERIALS AND WORKMANSHIP

All equipment, materials and articles incorporated in the work should be new, free from defects and of the most suitable grade for the purpose intended. All work under this contract shall be performed in a skilful and workman-like manner and shall be consistent with the best practices of the industry.

If at any time SDSC SHAR (ISRO) notifies that any such equipment, material, article or workmanship fails to meet the foregoing standards, the contractor shall promptly take all the remedial steps required to meet those standards.

XVIII. OPERATION INSTRUCTION AND PROCEDURE

The Supplier has to submit the ‘brief step-by-step operation procedure’ as conceived by the designer for approval at detailed design stage itself. After testing and commissioning stage the updated document shall be submitted for final clearance and approval. Three copies of the same shall be supplied. Permanent physical identification, which are legible, clearly visible at any stage of operation etc. and markings shall be given on the system where the operator has to carry out his work. Procedure should be well detailed and it should identify all checkpoints before carrying out any operation. For each operation, a checklist has to be made for systematic check-up and operation.

Operation manual shall include all minute activities and checkpoints in very detailed manner. The manual also shall include trouble shooting, possible causes and
remedial measures to be adopted.

**XIX. MAINTENANCE INSTRUCTIONS AND PROCEDURE**

Brief maintenance provisions/ procedure document shall be prepared and submitted at detailed Engineering stage itself. After testing and commissioning stage, the detailed document shall be submitted for final clearance and approval.

Three copies of the same shall be supplied.

Maintenance document shall include but shall not be limited to the following:

01. Block diagram of the system
02. Applicable drawings
03. List of all bought out items, detailed specifications and catalogues
04. History of the system
05. List of tools
06. Parts bins
07. List of consumables and maintenance schedules
08. List of spares
09. Systematic health checks procedure
10. Work prior to starting maintenance
11. Step by step procedure for dismantling of a sub-system
12. Step by step procedure for carrying of repair
13. Step by step procedure for re-assembling
14. Test results
15. Final report
SECTION -D

ANNEXURES
SCHEDULE OF PRICES & GENERAL PARTICULARS

1. Bidders shall **not** alter the contents of this schedule of prices. If the bidder wants any additions / alterations, these shall be brought out separately in the format as given in this schedule of prices.

2. Equipment and material to be supplied and erected shall be in accordance with requirements stated in the various sections of this specification.

3. The quantities indicated are an order of magnitude only. In case there is any variation in the quantities of items actually supplied and installed from the quoted quantities, the price of the same shall be adjusted based on the unit rates furnished by the bidder. The unit rates shall be valid for both upward and downward variation in quantities.

4. The quoted price shall be price in Indian Rupees for design, preparation of drawings, manufacture, inspection and testing at manufacturer’s works, packing, forwarding, transportation from place of manufacture to site, transit insurance, unloading / receipt at site, storage / handling at site, installation, testing, commissioning and carrying out performance test at site inclusive of all taxes and duties as applicable except sales tax on finished products and service tax which shall be separately indicated in the price bid.

5. Total price for recommended spares shall be provided by the BIDDER and details of prices for recommended spares shall be filled up by the BIDDER separately in price bid.

6. Proposed essential maintenance tools & tackles and essential start-up spares shall be submitted separately as per format enclosed in Section D9 & D10 (Page No 53 & 54) in a sealed cover along with technical bid.

Department reserves the right to accept/reject the essential maintenance tools & tackles and Start-up spares proposed by party as a whole/partially.
(A) **UNPRICED SCHEDULE OF UNIT PRICE** (Prices column to be kept blank)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Item</th>
<th>Qty.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>1.</td>
<td>Multi Entry Escape chute system</td>
<td>Lot</td>
<td>Quoted in price bid</td>
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<tr>
<td>2.</td>
<td>GST on total supply price (price mentioned in Sl. No.: 1) @ applicable on above items.</td>
<td>---</td>
<td>---- %</td>
</tr>
<tr>
<td>3.</td>
<td>Service tax on Erection and commissioning price (price mentioned in Sl. No:1) @ ________ applicable on above items.</td>
<td>---</td>
<td>ST ___% on ___% of quote</td>
</tr>
<tr>
<td>4.</td>
<td>Any other taxes and duties</td>
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</table>

**TOTAL COST:** Quoted in price bid

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**SEAL OF THE COMPANY**

**SIGNATURE**

**NAME**

**DESIGNATION**

**DATE**
BID QUALIFICATION CRITERIA FOR SUPPLY OF MULTI ENTRY ESCAPE CHUTE SYSTEM

Bidders who are qualifying / meeting following Technical and financial criteria are eligible to participate in the bid for supply of Multi Entry Escape Chute system for PIF, SDSC SHAR. Bidder shall furnish all the information mentioned in the criteria with documentary proof and submit along with quotation. Bids of the parties which are not meeting the following criteria will not be considered for evaluation and will be rejected without seeking any further clarifications.

A. Technical Qualification Requirements:
The bidder shall meet the following technical qualifying requirements and shall submit relevant certificates to establish his credentials.

1. The Bidder shall be an organization with long experience in having executed contracts for supply, erection, testing and commissioning of Multi Entry Escape Chute system.

2. The firm shall have successfully completed Installation, Testing and Commissioning of at least 5 Multi Entry Escape chute system in a high rise building of not less than 70 m tall / height in INDIA. Bidders have to provide relevant certificates from the end users along with the submission of bid for consideration of bid document.

3. The firm shall have facilities for erection, testing and operation demonstration etc.

B. Financial Qualification Requirements:

1. The Bidder should have annual turnover of not less than a value of Rs 20 lac per year in the last two financial years ending with 31.03.2019.

2. IT/ TDS certificate shall be submitted with Loss & Profit for last three years.

3. Bidder shall submit audited statement of financial status for last three years.

C. The following documents shall be submitted along with the Techno-commercial bid for prequalification of Bidder.

1. Firm establishment certificate and nature of work.

2. Details of work of similar type completed during the last five years ending with 31.01.2020.

3. Satisfactory work Completion certificates from the clients, with the work order copies.

4. Performance Report of order completed (with years of service) from End users, with addresses and contact person with phone numbers.

5. Documentary evidence (Technical details &. drawings) for fulfilling special technical conditions as per the RFP document.

6. Copy of audited Balance Sheets for last three years.

7. IT / TDS certificates for last three years.


9. List of value, and work order copies of total projects under Execution with purchase order name and address.

10. Structure and Organization chart.
11. List of personnel with qualification & experience in the firm in the areas of design, production, quality, safety, administration etc.,

12. List of Machinery & Equipment to be used for the work.

**D. Bid Selection Procedure and Process of Pre-Qualification**

1. Short listing based on documents submitted, satisfying all the eligibility criteria given above by the firm or individual along with their Bid / application. (Non-submission of any document as given in above list within stipulated time leads to rejection of Bid).

2. Subsequently Bidder's competency, their technical achievements and financial status will be evaluated suitable for this project. Feedbacks from Bidder's clients will be verified, if required.

3. Visit to sites by our technical team where Bidder has established above mentioned works, if required.

4. If required, visit will be made to their factory/ firm by our technical team for accessing the capability of manufacturer.

5. Scrutiny of all technical specification and supply conditions mentioned in techno-commercial bid.
The BIDDER shall furnish Performance Guarantees as listed below based on the requirements specified in Section C of this Specification:

1) The chute material shall be non flameproof and non steel and non wire materials.

2) The chute frame shall fit into a 660 mm x 660 mm square opening provided on the floors.

SIGNATURE : __________________________
NAME : __________________________
DESIGNATION: __________________________
SEAL OF THE COMPANY DATE : __________________________
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<thead>
<tr>
<th>SR. NO.</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1.</td>
<td>Name of Company</td>
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<td>2.</td>
<td>Address of Company</td>
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<tr>
<td>3.</td>
<td>Type of Company (Proprietary/Pvt.Ltd/Public Ltd/Joint Venure/Consortium)</td>
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<tr>
<td>4.</td>
<td>Registration number</td>
</tr>
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<td>5.</td>
<td>Year of inception of the company</td>
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<td>6.</td>
<td>Registered address</td>
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<td>7.</td>
<td>Name &amp; address of the office of the Chief Executive of the company</td>
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<tr>
<td>8.</td>
<td>Name &amp; Designation of the officer of the Bidder to whom all correspondence shall be made for expeditious technical/commercial co-ordination. Telephone number Fax number E-mail address</td>
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<tr>
<td>9.</td>
<td>Locations of the Branches of Company (if any)</td>
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<td>10.</td>
<td>Annual turn-over of the company for the last three years</td>
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<td>11.</td>
<td>IT returns for the last 3 years</td>
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<td>12.</td>
<td>Major customers (Enclose copies of the Purchase Orders)</td>
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<td>13.</td>
<td>Any customers feedback on the services which is in writing (Pl. enclose copies)</td>
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<td>14.</td>
<td>Quality certification of the company</td>
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<td>15.</td>
<td>PAN Card Copy</td>
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<td>16.</td>
<td>The Profit &amp; Loss Account details for the last 3 years which is duly audited and Submitted as part</td>
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<td>17.</td>
<td>Orders executed during last three years, Not less than 90m tall/height, references are is to be mentioned. (Separate sheet can be attached).</td>
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<td>18.</td>
<td>Shop floor area covered</td>
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</table>
| 19.     | No. of employees (Supplier shall mention contract personnel separately)  
Engineers  
Supervisors  
Technicians  
Quality control engineers  
Administrative Staff. |
| 20.     | Testing facility Available: |
| 21.     | Details of inspection facilities / Instruments available (Brief description & specifications shall be provided) |
| 22.     | Bid validity period  
(Min. 4 months from due date of bid submission) |
| 23.     | Completion Schedule |
| 24.     | Period required for Supply (within 4 months)  
___ months |
| 25.     | Period required for Installation, testing and commissioning at Department site (within 1 month from date of clearance for installation)  
___ months |

SIGNATURE : 
NAME : 
DESIGNATION: 
SEAL OF THE COMPANY DATE :
SCHEDULE OF SUB-VENDORS

1.0 GENERAL

1.1 This section provides details of the Approved makes for bought-out items, which form a part of this enquiry package.

1.2 BIDDER shall clearly indicate the makes of all bought-out items and shall at no point in time during execution deviate from those indicated in the offer document.
EXCEPTIONS AND DEVIATIONS

In line with Proposal Document, Bidder may stipulate Exceptions and deviations to the proposed conditions if considered unavoidable.

<table>
<thead>
<tr>
<th>SI No</th>
<th>Reference in Specification</th>
<th>Dept. Specification</th>
<th>Offered Specification</th>
<th>Deviation</th>
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<td>Page No</td>
<td>Clause No</td>
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**NOTE:**

- Only deviations are to be written in the above form.
- Any deviations taken by the Bidder to the stipulations of the Proposal document shall be brought out strictly as per this format and enclosed along with the bid.
- Any deviations not brought out in this Proforma and written elsewhere in the Proposal document shall not be recognized and the same is treated as null and void.
- Any wilful attempt by the Bidders to camouflage the deviations by giving them in the covering letter or in any other documents that are enclosed may render the Bid itself non-responsive.

**SIGNATURE**

**NAME**

**DESIGNATION**

**SEAL OF THE COMPANY**

**DATE**
**SCHEDULE OF BIDDER'S EXPERIENCE**

The bidder shall furnish here under a list of relevant works executed by him to whom a reference may be made by the PURCHASER in case the PURCHASER considers such a reference necessary.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name &amp; address of Client / Name &amp; address of project or plant (incl. tel.no., fax no., e-mail and name &amp; designation of person who can be contacted)</th>
<th>Purchase Order / Contact no. and Date.</th>
<th>Brief details of equipment / system covered</th>
<th>Scope of services (See Legend)</th>
<th>Contract price (Rs)</th>
<th>Scheduled date of completion</th>
<th>Actual date of completion</th>
<th>Reasons for delay in completion, if applicable</th>
<th>Remarks</th>
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**LEGEND:**
- E – INSTALLATION
- S – SUPPLY
- SUP – SUPERVISION OF INSTALLATION
- TC – TESTING AND COMMISSIONING

**SIGNATURE:**

**NAME:**

**DESIGNATION:**

**COMPANY:**

**DATE:**

**COMPANY SEAL:**
SCHEDULE OF BIDDER’S SIMILAR COMPLETED or PRESENT WORK

The bidder shall furnish here under a list of relevant works executed or being executed to whom a reference may be made by the PURCHASER in case the PURCHASER considers such a reference necessary.

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<tr>
<th>SL. NO.</th>
<th>Name &amp; address of Client / Name &amp; address of project or plant (incl. tel.no., fax no., e-mail and name &amp; designation of person who can be contacted.)</th>
<th>Purchase Order / Contact no. and Date.</th>
<th>Brief details of equipment / system covered</th>
<th>Scope of services (See Legend)</th>
<th>Contract price (Rs)</th>
<th>Scheduled date of completion</th>
<th>Expected date of completion</th>
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LEGEND: E - INSTALLATION, S – SUPPLY, SUP – SUPERVISION OF INSTALLATION, TC – TESTING AND COMMISSIONING

SIGNATURE :
NAME :
DESIGNATION:
COMPANY :
DATE :

Company Seal
SCHEDULE OF TIME FOR SUPPLY AND INSTALLATION AT SITE

The BIDDER shall indicate below the time for manufacture, despatch and completion of each equipment and shipment time from the date of Letter of Intent (LOI) as shown below:

<table>
<thead>
<tr>
<th>SL.NO</th>
<th>EQUIPMENT</th>
<th>PROCUREMENT FROM DATE OF LOI (WEEKS)</th>
<th>TIME FOR TESTS AT WORKS, Dismantling, Packing and Ready for Despatch From Works (WEEKS)</th>
<th>TIME FOR SHIPMENT TO SITE (WEEKS)</th>
<th>TIME FOR ERECTION AND COMMISSIONING AT SITE (WEEKS)</th>
<th>TOTAL TIME FROM DATE OF LOI TO RECEIPT AT SITE (WEEKS)</th>
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</table>
The BIDDER shall indicate below Special Maintenance Tools and Tackles for the equipment, plant or system offered by him.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>DESCRIPTION</th>
<th>QUANTITY OR NUMBER OF SETS</th>
<th>UNIT PRICE Rs.</th>
<th>TOTAL PRICE Rs</th>
<th>REMARKS</th>
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COMPANY SEAL

SIGNATURE

NAME

DESIGNATION

COMPANY

DATE
**SCHEDULE OF START-UP AND COMMISSIONING SPARES**

The BIDDER shall indicate below Start-up and Commissioning Spares for equipment, plant or system offered by him.

<table>
<thead>
<tr>
<th>SL.NO</th>
<th>EQUIPMENT TAG NUMBER</th>
<th>DESCRIPTION OF SPARE</th>
<th>MATERIAL OF CONSTRUCTION</th>
<th>MANUFACTURER AND PART NUMBER</th>
<th>QUANTITY/SET REQUIRED PER UNIT EQUIPMENT</th>
<th>UNIT PRICE Rs</th>
<th>TOTAL PRICE Rs</th>
<th>DELIVERY PERIOD (WEEKS) FROM DATE OF LOI</th>
<th>REMARKS</th>
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### CHECKLIST FOR BID SUBMISSION

<table>
<thead>
<tr>
<th>Sl no</th>
<th>Description</th>
<th>Response by supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>All documents related to Prequalification criteria mention in Section D2 (Page No. 43&amp;44) have been met and all related documents are enclosed in technical Bid</td>
<td>Yes / No</td>
</tr>
<tr>
<td>2.</td>
<td>Are all the technical particulars as called for in the data sheets Section A, B&amp;C and commercial details as called for in schedule of prices filled up</td>
<td>Yes / No</td>
</tr>
<tr>
<td>3.</td>
<td>The detailed scope of work and technical specifications are understood and price was quoted accordingly.</td>
<td>Yes / No</td>
</tr>
<tr>
<td>4.</td>
<td>Confirmation that the quoted prices are firm and fixed till the completion of scope of work.</td>
<td>Yes / No</td>
</tr>
<tr>
<td>5.</td>
<td>Validity of Offer is 4 months (minimum).</td>
<td>Yes / No</td>
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<tr>
<td>6.</td>
<td>Vendor Evaluation Format is attached.</td>
<td>Yes / No</td>
</tr>
<tr>
<td>7.</td>
<td>List of Customs Duty Exemption Certificate (CDEC) items are submitted for providing CDEC by Department.</td>
<td>Yes / No</td>
</tr>
<tr>
<td>8.</td>
<td>List of IGST Concession Certificate items are submitted for providing EDEC by Department.</td>
<td>Yes / No</td>
</tr>
<tr>
<td>9.</td>
<td>GST to be indicated in percentage (if not mentioned it will be assumed that the price quoted are inclusive of taxes).</td>
<td>Yes / No</td>
</tr>
<tr>
<td>10.</td>
<td>Delivery Schedule with milestones</td>
<td>Yes / No</td>
</tr>
<tr>
<td>11.</td>
<td>Accepted the Department Payment Terms</td>
<td>Yes / No</td>
</tr>
<tr>
<td>12.</td>
<td>Are General terms and Conditions of Contract for Supply &amp; Erection included in proposal acceptable?</td>
<td>Yes / No</td>
</tr>
<tr>
<td>13.</td>
<td>If not acceptable, are the deviations brought out in the &quot;Schedule of Deviations&quot;</td>
<td>Yes / No</td>
</tr>
<tr>
<td>14.</td>
<td>Are there any deviations from enquiry technical specifications?</td>
<td>Yes / No</td>
</tr>
<tr>
<td>15.</td>
<td>If there are technical deviations, are these filled in &quot;Schedule of Deviations from Tech. Specifications&quot;?</td>
<td>Yes / No</td>
</tr>
<tr>
<td>16.</td>
<td>Warranty for the fully commissioned and accepted system is 12 months</td>
<td>Yes / No</td>
</tr>
<tr>
<td>17.</td>
<td>10 % of the Order Value shall be submitted as Performance Security for the performance of the contract along with acceptance of order letter, which is valid till acceptance of the system.</td>
<td>Yes / No</td>
</tr>
<tr>
<td>18.</td>
<td>10 % of the Order Value shall be submitted as Performance Bank Guarantee, which is valid till completion of the warranty period plus 2 months claim period.</td>
<td>Yes / No</td>
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<td>19.</td>
<td>Liquidated Damages are acceptable</td>
<td>Yes / No</td>
</tr>
<tr>
<td>20.</td>
<td>Last three years audited financial results are enclosed</td>
<td>Yes / No</td>
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<tr>
<td>21.</td>
<td>Registration certificate of the company is enclosed</td>
<td>Yes / No</td>
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<tr>
<td>22.</td>
<td>All the forms in Section D1 to D10 are filled</td>
<td>Yes / No</td>
</tr>
<tr>
<td>23.</td>
<td>Are all data sheets A/B duly filled in and submitted in offer</td>
<td>Yes / No</td>
</tr>
<tr>
<td>24.</td>
<td>Technical documents / drawings are attached along with technical bid</td>
<td>Yes / No</td>
</tr>
<tr>
<td>25.</td>
<td>Section D9 &amp; D10 is filled separately and sealed cover is sent to SDSC SHAR for along with hard copy of technical bid.</td>
<td>Yes / No</td>
</tr>
</tbody>
</table>

**SIGNATURE** :

**NAME** :

**DESIGNATION** :

**SEAL OF THE COMPANY**

**DATE** :
ANNEXURE - II
TO TENDER NO: SHAR/SCSD/2020013160

ESCAPE CHUTE GENERAL ARRANGEMENT
GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SATISH DHAWAN SPACE CENTRE
PURCHASE DIVISION

Tender No.08623-225023/225174/225127
Fax No.08623-225170/225028

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.


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 Srisailam 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.