

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

TENDER NOTICE NO. SDSC SHAR/SR.HPS/PT/25/2016-17

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

Sl No	Ref. No.	Description	Qty.
01	SHAR VAST 2016 00 5149 e-procurement [Two Part basis] (RETENDERING)	Fabrication, supply, Erection & Commissioning of Shelter for MLP Bogie of Second Launch Pad	1 LS
02	SHAR RO 2016 00 5202 e-procurement [Single Part basis] (RETENDERING)	SONY PXW-Z450 Model 4K CMOS Professional Camcorder with Accessories.	2 Nos.
03	SHAR CMD 2017 00 5601 e-procurement [Single Part basis]	SMF Lead Acid Batteries	1 LS
04	SHAR CMD 2017 00 5605 e-procurement [Single Part basis]	Supply, Installation, Testing and Commissioning of 22 TR Scroll Chiller Packages for 127 Building, Solid Propellant Space Booster Plant.	1 Lot
05	SHAR VAST 2017 00 5652 e-procurement [Two Part basis]	Procurement, Manufacture, Supply of Pins & Links Stiffening of Tackle for Second Vehicle Assembly Building	1 Lot
06	SHAR CMD 2017 00 5718 e-procurement [Single Part basis]	Supply, Installation, Testing and Commissioning of Split type A/C Units	1 Lot

Last Date for downloading of tender documents: 10.04.2017 at 16:00 hrs.

Due Date for submission of bids online : 10.04.2017 at 16:00 hrs.

Due Date for Bid Sealing on : 10.04.2017 at 16:01 hrs. to 10.04.2017 at 17.30 hrs.

Due Date for Open Authorization : 10.04.2017 at 17.31 hrs. to 12.04.2017 at 17:00 hrs.

Due Date for opening of tenders : 13.04.2017 at 14:30 hrs.

Instructions to Tenderers:

No tender fee shall be applicable for tenders submitted through EGPS

01. For full details/scope of work and terms and conditions etc., please see the enclosed annexures.

02. Interested tenderers can download the e-tender from ISRO e-procurement website <https://eprocure.isro.gov.in> and submit the offer on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be considered.

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

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

05. The tender documents are available for download upto **10.04.2017 at 1600 hrs.** and **last date for submission of tenders on line 10.04.2017 at 1600 hrs. and Tender Opening on 13.04.2017 at 14:30 hrs.**

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

SPEC.NO.	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: TITLE
SVAB/TACKLE/SPEC	STIFFENING OF TACKLE FOR SVAB	SHEET : 1 of 2

ANNEXURE TO INDENT NO. : SHAR/VAST/2017005652

REQUEST FOR PROPOSAL (RFP).

FOR

**PROCUREMENT, MANUFACTURE, SUPPLY OF PINS & LINKS,
STIFFENING OF TACKLE**

SPECIFICATIONS & PRICE SCHEDULE

OWNER : INDIAN SPACE RESEARCH ORGANISATION
PROJECT : SECOND VEHICLE ASSEMBLY BUILDING
LOCATION : SDSC-SHAR, SRIHARIKOTA



**SECOND VEHICLE ASSEMBLY BUILDING
SATISH DHAWAN SPACE CENTRE
SRIHARIKOTA -524124.
INDIAN SPACE RESEARCH**

ISSUE
R0

SPEC.NO.
SVAB /TACKLE
/SPEC

SECOND VEHICLE ASSEMBLY BUILDING PROJECT
TACKLE STIFFENING FOR SVAB
CONTENTS

SECTION: CONTENTS
SHEET : 2 OF 2

REQUEST FOR PROPOSAL FOR TACKLE STIFFENING & ANNEXURES

SEC-TION	SPECIFICATION NO: SVAB/TACKLE/ SPEC	ISSUE NO.	TITLE: REQUEST FOR TACKLE STIFFENING
SPECIFICATIONS			
A	SVAB/TACKLE/SPEC	R0	GENERAL SPECIFICATION
B	SVAB/TACKLE/SPEC	R0	TECHNICAL SPECIFICATION
ANNEXURES			
C1	SVAB/TACKLE/SPEC	R0	SCHEDULE OF PRICES
C2	SVAB/TACKLE/SPEC	R0	PREQUALIFICATION CRITERIA
C3	SVAB/TACKLE/SPEC	R0	SCHEDULE OF GENERAL PARTICULARS / VENDOR EVALUATION FORMAT
C4	SVAB/TACKLE/SPEC	R0	CONFIRMATION OF ACHIVEING ACCURACY
C5	SVAB/TACKLE/SPEC	R0	DATA TO BE FILLED
C6	SVAB/TACKLE/SPEC	R0	SCHEDULE OF DEVIATIONS FROM SPECIFICATIONS
C7	SVAB/TACKLE/SPEC	R0	SCHEDULE OF BIDDERS EXPERIENCE & DETAILS OF PRESENT WORKS BEING EXECUTED.
C8	SVAB/TACKLE/SPEC	R0	CHECK LIST

SPEC.NO.
SVAB/TACKLE/SPEC

SECOND VEHICLE ASSEMBLY BUILDING PROJECT
REQUEST FOR PROPOSAL
GENERAL SPECIFICATION FOR
STIFFENING OF TACKLE FOR SVAB

SECTION: A
SHEET : 1 OF 26

SECTION -A

**GENERAL TERMS AND CONDITIONS
OF THE CONTRACT**

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 2 OF 26
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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 C2 only should quote.

The RFP document is organized in six sections as follows.

- Section –A General Specification, Terms and Conditions of the Contract
- Section –B Scope of Work & Technical Specifications
- Section- C Annexures.

Title of the proposal: *“Procurement, Manufacture, Supply Pins, links and stiffening of existing tackle”*

Date Public Notification issued by ISRO: [as per the notification](#)

Last Date of downloading tender Document by tenderer: [as per the notification](#)

Last date of submission of tender documents in online by tenderer: [as per the notification](#)

Last date of Bid sealing in online by ISRO: [as per the notification](#)

Last date for giving open authorisation in online by tenderer: [as per the notification](#)

A PROPOSAL DOCUMENT

- 1.1. Successful Bidder shall sign & stamp each page of the tender document (RFP) as token of his acceptance and submit the same before order placement.
- 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.

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 3 OF 26
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- 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 Letter Inviting Bid.
- 1.6. Supplier shall submit the open authorisation on line with in the time limit specified in the Letter Inviting bid.
- 1.7. The Proposal will be opened on the date and on the time specified in the Letter Inviting Bid or as soon thereafter as convenient. Proposal not received in time will not be considered.
- 1.8. Bidders shall set their quotations in firm figures and without variations/additions in the terms of the Proposal documents.
- 1.9. **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

1.1 SITE VISIT

Bidder is advised to visit & examine the site and its surroundings to familiarize himself of the existing facilities & environment and shall collect all other information which may require for preparing & submitting the Bid and entering into the contract. 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.

1.2 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

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 4 OF 26
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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.

1.3 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.

1.4 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.

1.5 ARRANGEMENT OF BID

The Bid shall be neatly presented on white paper with consecutively numbered pages. It should not contain any terms and conditions which are not applicable to the Bid. The Bid and all details submitted by the 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).

1.6 SCHEDULE OF PRICES

The schedule of prices shall be read in conjunction with all the sections of proposal document. The price **must be filled online** in the same format of 'Schedule of Prices' in Section F1. No copy of price bid shall be enclosed along with other document and upload the same any where in the e-procurement portal.

1.7 DOCUMENTS COMPRISING THE BID

Bids shall be arranged in the following order.

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 5 OF 26
------------------------------	--	-------------------------------

1.7.1 Part – I : Technical and Unpriced Commercial Part

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

- (a) Submission of bid letter.
- (b) Demand draft of Rs: 1 lakh as Earnest money Deposit (EMD).
- (c) Power of attorney in favour of authorised signatory of the bid / proposal documents.
- (d) All the annexure in Section-C1 to C8 enclosed in proposal duly filled, signed and sealed
- (e) Bid qualification criteria for tackle stiffening and all supporting documents.
- (f) Write-up on the detailed procedure to be followed for dismantling and assembly of pins and links.
- (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 turn over
- (i) Latest income tax returns certificates for last three years.
- (j) Data sheets for all the equipment & checklists enclosed in proposal duly filled, signed & stamped.
- (k) Any other relevant document, bidder desires to submit.

1.7.2 Part – II : Priced Commercial Bid

Priced commercial bid shall be filled on line 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, conditions, 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.

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: A
	REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SHEET : 6 OF 26

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 : UN PRICED TECHNO-COMMERCIAL PART OF THE BID FOR THE WORK

- 2 Complete Techno–commercial part of the bid shall be filled online in the “vendor Specified Terms’ form of the e-tender. Any documents related (demand draft for tender fee & EMD), 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 if the space for uploading is not sufficient, hard copy of the balance documents shall be submitted before due date.

Envelope of technical bid shall be marked with following:

<u>PART-I TECHNO-COMMERCIAL BID</u>	
Name of client	: Satish Dhawan Space Centre SHAR Indian Space Research Organisation
Title of the proposal	: <i>“Procurement, Manufacture, Supply Pins, links and stiffening of existing tackle”</i>
Due date and time of the opening	: DD/MM/YYYY
From (Name of the bidder with address)	:
To: Head, Purchase & Stores Satish Dhawan Space Centre SHAR ISRO, Dept. of Space Govt. of India Sriharikota – 524124, SPSR Nellore Dist, Andhra Pradesh, India	

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 7 OF 26
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The deviation statement and checklist shall be filled online, without which the bid will not be considered.

2.1 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: C3. Schedule of Bidders experience and details of present works being executed are to be filled as per Section :C7.

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

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 8 OF 26
------------------------------	--	-------------------------------

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.

F. EARNEST MONEY DEPOSIT

- 2.2 The tenderer shall remit Rs. 1 Lakh as Earnest Money Deposit (EMD) in the form of demand draft (DD) with the tender, failing which the tender will not be considered.
- 2.3 If any party is exempted from paying Earnest Money Deposit (EMD) relevant exemption certificate is to be provided along with offer.
- 2.4 The EMD shall be remitted by a DD from any Nationalized / Scheduled Bank in favour of ACOOUNTS OFFICER Satish Dhawan Space Centre SHAR, Payable at SBI, Sriharikota.
- 2.5 Cheque will not be accepted towards EMD.
- 2.6 EMD by the unsuccessful tenderer will be refunded after the finalization of tender. EMD shall not bear any interest.
- 2.7 EMD of the successful tenderer will be refunded after receipt of Performance Security.
- 2.8 DD Number and other reference details shall be filled on-line, and the original DD shall be sent to Head, Purchase & Stores, Satish Dhawan Space Centre SHAR, ISRO, Dept. of Space, Govt. of India, Sriharikota – 524124, before the tender due date.

G BID EVALUATION

- 2.1 During evaluation, SDSC SHAR may request Bidder for any clarification on the bid OR additional documents.
- 2.2 Techno-commercial discussion shall be arranged with Bidder, if needed. Bidder shall depute his authorised representatives for attending discussions. The

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 9 OF 26
------------------------------	--	-------------------------------

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.

- 2.3 Bidder must provide the point by point compliance to the technical specifications along with deviations as per "Schedule of deviations" attached in section C5. The tender will be rejected, if the deviations are not acceptable to the Department.
- 2.4 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.
- 2.5 The time schedule for completion is given in the Proposal document. Bidder is required to confirm the completion period unconditionally.
- 2.6 If necessary, to arrive at evaluated prices, wherever applicable, loading on total quoted prices shall be done. Lowest offer is based on landed cost only along with taxes.
- 2.7 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.
- 2.8 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.
- 2.9 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.

SPEC.NO.
SVAB/TACKLE/SPEC

SECOND VEHICLE ASSEMBLY BUILDING PROJECT
REQUEST FOR PROPOSAL
GENERAL SPECIFICATION FOR
STIFFENING OF TACKLE FOR SVAB

SECTION: A
SHEET : 10 OF 26

SECTION-A.1

GENERAL SPECIFICATION

1.0 INTRODUCTION

SDSC SHAR invites tenders in sealed covers from reputed firms with proven ability to “*Procurement, Manufacture, Supply Pins, links, stiffening of existing tackle replacement of old pins and links with new pins and links*” as per the specifications

2.0 SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

The detailed scope of work and technical specifications are given in Sections B of RFP document. The general terms and conditions are given below.

3.0 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 literatures & data sheets of equipment used by him.
- 3.2.2. Details of Turning machines / boring machines to be used for machining pins and links.

4.0 ASSEMBLY & DISASSEMBLY WORKS

- 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.
- 4.1.3. Supplier shall carry out the works in accordance with the specific instructions given on the approved drawings, method statements, manufacturer's drawings / documents or as directed by Department. Equipment shall be erected in neat manner so that they are level, plumb, and square and properly aligned and oriented. Tolerances shall be as established in manufactures

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 12 OF 26
------------------------------	--	--------------------------------

drawings or as stipulated by Department. No equipment shall be welded or bolted, until its alignment is checked and found acceptable by Department.

4.1.4. Supplier shall provide all supervision, labour, tools, machines, cranes, equipments, scaffolding, rigging material and incidental material such as bolts, wedges, anchors, etc. required to complete the works. Supplier shall also provide at his own cost all such consumables like oxygen - acetylene gas, welding rods, grinding wheels, temporary supports, shims etc. required to complete work.

4.1.5. Supplier shall take utmost care while handling instruments, delicate equipment, panels etc. and protect all such equipment on erection.

4.2. SAFETY

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

4.3. ACCOMMODATION

4.3.1. Accommodation will not be provided by SDSC SHAR to Contractors.

4.3.2. Supplier shall make their own arrangement for accommodation, transportation & canteen facility for all his staff, technicians, labour & workers.

4.4. 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.

4.5. 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.

5.0 EXCISE DUTY

SDSC-SHAR is eligible for Excise Duty Exemption under Notification No. 64/95 dated 16.03.1995 as amended by Notification No. 15/2007 dated 01.03.2007 and 10/97 with amendments SDSC-SHAR will provide necessary Exemption Certificate. No claim for payment of Excise Duty or Cenvat reversal will be

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 13 OF 26
------------------------------	--	--------------------------------

allowed later. Department will issue Excise exemption certificate only to the final finished product only. No certificate will be issued to input raw materials or equipment / Bought out items. The supplier has to consider this into account while submitting quotations.

6.0 CUSTOMS DUTY

- 6.1. SDSC-SHAR is eligible for 100% Customs Duty exemption as per Notification No.12/2012 dated 17.03.2012. This may be taken into account while considering the import of items, if any
- 6.2. The customs duty that becomes payable even against production of customs duty exemption certificate (limiting to the items as per the foreign exchange component indicated in the price schedule) will be reimbursed on production of documentary evidence (copy of assed Bill of entry & TR-6 Challan). Hence this component need not be included in the quoted price.
- 6.3. Customs clearance and other formalities at the destined port within the country shall be handled by the Supplier at his own cost. Further the transportation from the port to the work of Supplier or site shall be arranged by Supplier at his own cost.

7.0 SALES TAX / VAT

With effect from 01.04.2007, the facility of Inter-State purchases by Government Departments against Form-D has been withdrawn. Now the rate of CST on the Inter-State sale to Government Departments shall be the rate of VAT/State Sales Tax applicable in the State of the selling dealer. Accordingly, the suppliers have to clearly indicate the %age of CST/ VAT applicable against each case in their tenders.

8.0 SERVICE TAX

Service tax, if applicable shall not be included but indicated separately in schedule of prices (percentage of service tax applicable & amount on which it is applicable)

9.0 RISK COVERAGE

The Supplier shall arrange comprehensive risk coverage at his own cost covering the value of equipment including transportation to the site from

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 14 OF 26
------------------------------	--	--------------------------------

manufacturer's works, storage at site, erection, testing and commissioning at site. The period of such coverage shall be up to contractual completion period or any extension granted by Department thereof.

10.0 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).

11.0 PERFORMANCE SECURITY

11.1. The supplier, whose tender is accepted, will be required to furnish by way of Performance security for the due fulfilment of the contract such a sum as will amount to 10 % of the contract price of the work awarded.

11.2. The Performance security (bearing no interest) shall be held by the Department as security till satisfactory completion, testing and handing over of all the system and for the due performance of all suppliers' obligations under the contract as per delivery period or extension granted thereof by the Department.

11.3. The supplier within 10 days of Purchase Order or signing of Contract , deposit with the Accounts officer, Satish Dhawan Space Centre SHAR, Sriharikota as detailed above by any one or more of the following modes namely

- i. By a crossed demand draft in favour of Accounts officer, Satish Dhawan Space Centre SHAR drawn on SBI and payable at Sriharikota.
- ii. By a bank guarantee in the prescribed format (required format will be provided after award of contract). The bank guarantee shall be from a nationalized bank for & shall be valid for 30 days beyond completion period.

11.4. In case of breach of contract, the Performance Security shall stand forfeited in addition to other relief available to the Department under this contract.

12.0 PACKING AND FORWARDING

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 15 OF 26
------------------------------	--	--------------------------------

12.1. 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.

12.2. 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.

13.0 ARBITRATION

In the event of any question, dispute of difference arising under these conditions or any conditions contained in the Purchase Order or in connection with this contract, (except as to any matters the decision of which is specially provided for by these conditions) the same shall be referred to the sole arbitration of the head of the Purchase Office or some other person appointed by him, it will be no objection that the arbitrator is a Government Servant that he had to deal with matter to which the contract relates or that in the course of his duties as Government Servant he had expressed views on all or any of the matters in disputes or difference. The award of the arbitrator shall be final and binding on the parties of this contract.

It is Term of this contract:

- a. If the arbitrator be the head of the purchase office.
 - i. In the event of his being transferred or vacating his office by resignation or otherwise, it shall be lawful for his successor-in office either to proceed with the reference himself, or to appoint another person as arbitrator, or.
 - ii. In the event of his being unwilling or unable to act for any reason, it shall be lawful for the Head of the Purchase Office to appoint another person as arbitrator: or

- b. If the arbitrator be a person appointed by the Head of the Purchase Office in the event of his dying, neglecting or refusing to act, or resigning or being unable to act, for any reason, it shall be lawful for the Head of

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 16 OF 26
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the Purchase Office either to proceed with the reference himself or to appoint another person as arbitrator in place of the outgoing arbitrator. Subject as aforesaid, the Indian Arbitration and Conciliation Act, 1996 and the rules there under and any statutory modifications thereof for the time being in force shall be deemed to apply to the arbitration proceedings under this Clause. The arbitrator shall have the power to the extent with the consent of the Purchaser and the Contractor the time making and publishing the award. The venue of arbitration shall be place as the purchaser in his absolute discretion may determine. Work under the Contract shall, if reasonably possible, continue during arbitration Proceedings.

- c. In case order is concluded on the public Sector Undertakings, the following Arbitration Clause will be applicable.

In the event of any dispute or differences relating to the interpretation and application of the provisions of contracts, such dispute or difference shall be referred by either party to the Arbitration of one of the Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Bureau of Public Enterprises. The Indian Arbitration and Conciliation Act, 1996 shall not be applicable to the Arbitration under this clause. The award of the arbitrator shall be binding upon the parties to the dispute provided, however, any party aggrieved by such award may make a further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law & Justice, Government of India. Upon such Additional Secretary when so authorised by the Law Secretary whose decision shall bind the parties finally and conclusively. The parties to the dispute will share equally the cost of arbitration as intimated by the arbitrator.

14.0 APPLICABLE LAW AND JURISDICTION

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 17 OF 26
------------------------------	--	--------------------------------

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.

15.0 FORCE MAJEURE

Should a part or whole work covered under this purchase order be delayed due to reasons of Force Majeure which shall include legal lockouts, strikes, riots, civil commotion, fire accident, quarantines, epidemic, natural calamities and embargoes the completion period for work, equipment referred to in this agreement shall be extended by a period not in excess of the duration of such Force Majeure. The occurrence shall be notified within reasonable time.

16.0 GUARANTEES

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.

17.0 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:

- 17.1. He has to attend breakdown maintenance calls. All the defective components have to be replaced or rectified on one to one basis.
- 17.2. Break down maintenance should be responded within 48 Hours time and shall be completed within 48 Hours after respond.
- 17.3. Department will not provide any transport/accommodation.
- 17.4. In case 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.
- 17.5. 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

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 18 OF 26
------------------------------	--	--------------------------------

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.

18.0 SCHEDULE OF PRICE

- 18.1. CONTRACT price shall include all costs of “**Procurement, Manufacture, Supply Pins, links, stiffening of existing tackle replacement of old pins and links with new pins and links**”, shop testing, packing, forwarding, transport to site, unloading, storage, all risk coverage and commissioning of equipment including any other cost for proper and complete execution of the CONTRACT.
- 18.2. 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.
- 18.3. Price shall be firm & fixed.
- 18.4. Supplier shall quote the prices similar to price bid format enclosed as Section –C1
- 18.5. The rate quoted shall be on FOR SDSC SHAR, Sriharikota basis.
- 18.6. 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.
- 18.7. Department is exempted from Customs Duty and Excise Duty necessary Exemption Certificate will be provided by the Department. This may be taken into account while quoting.

19.0 DISCOUNTS

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

20.0 MODE OF PAYMENT

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 19 OF 26
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All the payments due to Supplier will be made in Indian currency by crossed "Account Payee" cheque sent to the registered office of the Supplier. Bidders can submit the banker details and payments can also be made through ECS.

21.0 TERMS OF PAYMENTS

General guideline TERMS OF PAYMENTS are as indicted below. Any deviation to these payment terms to be brought out.

21.1. FOR SUPPLY OF ITEMS (i.e. supply of pin assemblies, links and raw material for tackle stiffening)

21.1.1. **30%** of supply cost as advance against submission of bank guarantee for an equal amount from a reputed nationalized/scheduled bank and shall be valid till Contract completion period. Format of Bank guarantee shall be obtained from Department after award of contract.

21.1.2. **60%** of supply cost payment on prorata basis against receipt of material at Purchasers / Department site, along with 100% VAT/CST.

21.1.3. **10%** of supply cost after successful assembling of the system covered under contract and against submission of Performance bank guarantee of equal amount valid till warranty period plus 2 months claim period.

21.2. FOR STIFFENING OF TACKLE / DISASSEMBLY AND ASSEMBLING OF PINS & LINKS / ASSEMBLY OF NEW PINS TO MODULAR WEIGHT AT SITE

21.2.1. **90%** after completing stiffening of tackle / disassembly and assembling of new pins & links / assembly of new pins to modular weight.

21.2.2. **10%** after successful assembling of the system covered under contract along with Service tax and against submission of performance bank guarantee of equal amount valid for guarantee/warranty period.

22.0 PERFORMANCE BANK GUARANTEE

22.1. The supplier shall guarantee for the performance of the equipment by providing bank guarantee in favour of the Department for an amount

SECOND VEHICLE ASSEMBLY BUILDING PROJECT
REQUEST FOR PROPOSAL
GENERAL SPECIFICATION FOR
STIFFENING OF TACKLE FOR SVAB

equivalent to **10 % (ten percent) of the total value** of this contract valid till the warranty period of the contract plus 3 months claim period.

22.2. The performance bank guarantee shall be submitted by the supplier with in **fifteen days from the date of accepting the equipment** as per the CONTRACT. Format for the performance bank guarantee shall be obtained from the Department.

23.0 DELIVERY SCHEDULE

23.1. The realization of fabrication works within the schedule is very essential. Hence, bidders are requested to adhere to the schedules given below.

23.2. Contractor shall follow the following schedule for executing the contract:

23.3. Supply of the Pins and links shall be completed within 3 months from date of P.O.

23.4. Supply of raw material for tackle stiffening shall be completed within 3 months from the date of P.O.

23.5. Stiffening of tackle shall be completed within 1 month from the date of clearance.

23.6. Disassembling and assembling of pins and links shall be completed within 1 month from date of clearance.

24.0 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 T+3 months for supply portion and 1 months from the date of clearance for Tackle stiffening, Dismantling & assembling of pins and links portion of the contract price.

25.0 DISCLOSURE AND USE OF INFORMATION

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 21 OF 26
------------------------------	--	--------------------------------

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.

26.0 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.

27.0 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.

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 22 OF 26
------------------------------	--	--------------------------------

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.

28.0 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

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 23 OF 26
------------------------------	--	--------------------------------

- (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.

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SECTION: A SHEET : 24 OF 26
------------------------------	--	--------------------------------

29.0 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.

30.0 GENERAL PROJECT INFORMATION:

- | | | |
|-----|-------------------|---|
| 1.0 | Project Title | : Second Vehicle Assembly Building (SVAB) |
| 2.0 | Location of Plant | : Sriharikota, AP |
| 3.0 | Elevation | : 4.2 m |

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT		SECTION: A
	REQUEST FOR PROPOSAL		SHEET : 25 OF 26
	GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB		
4.0	Access to Site	: Road From North of Chennai is approx. 100 km. From East of Sullurpetta in Nellore dist is approx 28km. Rail Chennai – Vijayawada rail track line.	
5.0	Terrain	: Uneven with level varying significantly.	
6.0	Climatic Conditions		
	a) Temperature		
		Mean of daily max : 42.2 °C Mean of daily min. : 11.8 °C Maximum Temperature : 45 °C	
	i. Design ambient temperature for performance guarantee	: 45.0 °C	
	ii. For electrical system design :	50 °C	
	b) Relative humidity		
	i. Range	: 15% to 100%	
	ii. Design relative humidity for performance guarantee	: 70%	
	c) Rainfall		
	i. Annual average maximum	: 1331.3 mm	
7.0	Wind Load		
	a) Basic wind speed	: 65m/s (Enhanced by a factor 1.3)	
8.0	Seismic Data	: As per IS : 1893 latest issue	
	Zone	: Zone III	
9.0	Auxiliary Power Supply	: Electrical equipment to be supplied against this specification shall be suitable for operation on the following supply system :	

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: A
	REQUEST FOR PROPOSAL GENERAL SPECIFICATION FOR STIFFENING OF TACKLE FOR SVAB	SHEET : 26 OF 26

- a. For motors rated 200kW : 415V, 3-phase, 3-wire, effectively
and below and motors rated upto 250kW with VFD earthed AC
- b. Uninterrupted power supply : 230 V, 1 phase, 50 Hz, 2 wire AC supply
- c. Space heaters (for motors rated 30kW and above) : 240V, 1-phase, 2 wire, 50Hz AC system with effectively earthed neutral.
- d. Instrumentation controls and annunciation : 24V, (including solenoid valves) for instrumentation system only. This power supply has to be derived by the vendor from AC UPS supply.
- e. Lighting fixtures : 240V, 1 phase, 2 wire, 50 Hz, earthed system.
- f. Space heaters in panels : 240V, 1 phase, 2 wire, 50 Hz, earthed system
- g. Construction power : 415 V \pm 10%, 3 phase, 4 wire, 50 Hz \pm 5%, AC supply at one place. Further distribution by Bidder on Chargeable basis.
- h. All devices shall be suitable for continuous operation over the entire range of voltage and frequency indicated below without change in their performance :
 - AC supply : Voltage variation \pm 10%
 - Frequency variation \pm 5%
 - Combined voltage & Frequency variation: 10%

SPEC.NO.
TCE 7517A-D-856/7-
001

SECOND VEHICLE ASSEMBLY BUILDING PROJECT

SECTION: B
SHEET : 1 OF 7

TECHNICAL SPECIFICATION FOR
STIFFENING OF TACKLE

SECTION -B

TECHNICAL SPECIFICATION

SPEC.NO. TCE 7517A-D-856/7-001	SECOND VEHICLE ASSEMBLY BUILDING PROJECT TECHNICAL SPECIFICATION FOR STIFFENING OF TACKLE	SECTION: B SHEET : 2 OF 7
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1.0 **SCOPE**

This specification covers the description of scope of work, functional requirements, technical parameters of stiffening of tackle for load testing of 450t EOT crane.

The scope of the tenderer shall include understanding of drawings and its functional requirement, procurement of raw material, fabrication, local stress relieving / Heat treatment, machining, assembly of sub-systems along with bought out items, shop inspection, testing at the manufacturer's works, packing , forwarding, transportation, delivery at site (SDSC-SHAR), handling at site, stiffening of the tackle, disassembly of existing pins and links, assembly of new pins and links, testing, commissioning, as per the enclosed specification under the supervision of ISRO.

2.0 **QUANTITY**

- 2.1 Supply of 8 numbers of Pins assemblies.
- 2.2 Supply of 4 numbers of links.
- 2.3 Supply of required raw material for stiffening of existing tackle.
- 2.4 Stiffening / fabrication of existing tackle at SVAB / SLP site.
- 2.5 Disassembly of existing pins and links and assembly of new links and pins to tackle at SVAB / SLP site.
- 2.6 Assembly of pins to modular weight at SVAB / SLP site.

Tenderer shall note that partial offer / scope is not allowed in this tender and partial offer / scope will lead to rejection of offer. Hence tenderers are requested to quote for complete scope.

3.0 **BACKGROUND INFORMATION / FUNCTIONAL REQUIREMENT**

- 3.1 450 t EOT crane is being realized at SVAB.
- 3.2 Existing tackle is planned to be used for load testing and over load testing of 450 t EOT crane. To meet the load testing requirements the tackle is to be stiffened.
- 3.3 **Existing tackle is available in Second Launch Pad (SLP) at SDSC SHAR Sriharikota. Tenderer may visit SDSC-SHAR for better understanding of the system.**

4.0 **DETAILED SCOPE OF WORK / EQUIPMENT AND SERVICES TO BE PROVIDED BY CONTRACTOR**

- 4.1 Complete understanding of functional requirements of stiffening of tackle, interfaces and thereby ensuring satisfactory function of the tackle.
- 4.2 Understanding of supplied drawings.
- 4.3 Procurement of raw materials.

SPEC.NO. TCE 7517A-D-856/7-001	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: B
	TECHNICAL SPECIFICATION FOR STIFFENING OF TACKLE	SHEET : 3 OF 7
<p>4.4 Carrying out of fabrication as per approved fabrication drawings.</p> <p>4.5 Receipt of manufactured items and related materials at site, unloading, storing site.</p> <p>4.6 Supplier has to make his own arrangement for unloading of material at site.</p> <p>4.7 Stiffening of tackle.</p> <p>4.8 Disassembly of existing pins and links.</p> <p>4.9 Assembly of news pins and links</p> <p>4.10 Paint and painting of complete tackle, links, pin assembly etc.(Inclusive of Primer Coating).</p> <p>4.11 Testing for free movement of pins & links and handing over.</p> <p>5.0 <u>EQUIPMENT AND SERVICES TO BE PROVIDED BY SDSC SHAR AT SDSC SHAR:</u></p> <p>5.1 Power supply on free of cost for stiffening of tackle, disassembly and assembly of pins at SVAB/ SLP site.</p> <p>5.2 Mobile crane support for pins and links replacement.</p> <p>6.0 <u>TECHNICAL SPECIFICATION FOR SUPPLY OF PIN ASSEMBLIES:</u></p> <p>6.1 8 number of pin assemblies shall be manufactured and supplied.</p> <p>6.2 Pin shall be manufactured as per drawing no: 10-04-200-05-023/A1.</p> <p>6.3 Pin shall be hardened and tempered as specified in drawings and shall achieve mechanical properties as specified in drawing.</p> <p>6.4 A sample has to be made from pin and destructive test shall be conducted for confirming the mechanical properties.</p> <p>6.5 Fasteners shall be supplied for assembling pin assembly to modular weight / tackle.</p> <p>6.6 Pin shall be ultrasonic tested and qualified as per relevant standard.</p> <p>6.7 Pin hardness shall be measured in the presence of departmental representative.</p> <p>6.8 Pins material test certificate shall be supplied.</p> <p>6.9 Pins shall be assembled with links for ensuring free movement in the presence of departmental representative at vendor shop.</p> <p>7.0 <u>TECHNICAL SPECIFICATION FOR SUPPLY OF LINKS:</u></p> <p>7.1 4 number of link assemblies shall be manufactured and supplied.</p>		

SPEC.NO. TCE 7517A-D-856/7-001	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: B
TECHNICAL SPECIFICATION FOR STIFFENING OF TACKLE		SHEET : 4 OF 7

- 7.2 Links shall be manufactured as per part no: 8 in drawing no: 10-04-200-05-021/A1.
- 7.3 Links shall be machined all over the surface.
- 7.4 All corners to be ground to be smooth.
- 7.5 Material shall be EN-24 (UTS: 850 -1000 N/sq.mm and yield: 650 N/sq.mm).
- 7.6 Links shall be ultrasonic tested and qualified as per relevant standard.
- 7.7 Holes in the links shall be drilled in single machine setup (drilling is to be carried out by clamping all four links on single machine in single setup).
- 7.8 Material test certificate shall be supplied.
- 7.9 Links shall be assembled with pins for ensuring free movement in the presence of departmental representative at vendor shop

8.0 TECHNICAL SPECIFICATION FOR SUPPLY OF RAW MATERIAL FOR TACKLE STIFFENING.

- 8.1 1 lot of tackle stiffening material shall be supplied.
- 8.2 Material shall be as per part no: 1 to 7 in drawing no: 10-04-200-05-021/A1.
- 8.3 Material test certificate shall be supplied. Material shall be SAIL / JINDAL etc.
- 8.4 Plates shall be ultrasonic tested and qualified as per relevant standard.
- 8.5 All rolled material before being laid off shall be clean, free from bends, twist etc. and straight within tolerance allowed by IS : 1852 – 1885. If straightening or flattening is necessary, it shall be done by methods that will not injure the material. Long Plates shall be straightened by passing through a mandrel or levelling rolls and structural shapes by the use of mechanical or hydraulic bar section straightening machines.

9.0 TECHNICAL SPECIFICATION FOR STIFFENING OF EXISTING TACKLE AT SLP/SVAB SITE:

- 9.1 All the raw material shall cut to shape as per the bill of material in drawing no: 10-04-200-05-021/A1 and to suit the tackle.
- 9.2 Fabrication shall be carried out as per the drawing no: 10-04-200-05-021/A1.
- 9.3 Fabrication shall be carried out at SVAB / SLP site
- 9.4 Material handling support for positioning the plates over the tackle for fit-up is in the scope of contractor.
- 9.5 The fabrication shall confirm to provisions of IS : 800 – 2013.

SPEC.NO. TCE 7517A-D-856/7-001	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: B
TECHNICAL SPECIFICATION FOR STIFFENING OF TACKLE		SHEET : 5 OF 7

- 9.6** For butt-weld joints, edge preparation shall be preferably done by machining and may be done by mechanically controlled gas cutting machine. Sub surfaces shall be ground cleaned and inspected before fitting/ welding.
- 9.7** Welding shall be performed as per IS: 9595 – 1996.
- 9.8** All welding shall be carried out by qualified and approved welders shall perform welding in accordance to ASME Sec IX.
- 9.9** Unless otherwise specified on drawings, tolerances for fabrication shall be as per ISO:13920.
- 9.10** Edge preparation shall be carried out for all plates before welding. For butt-weld joints, edge preparation shall be preferably done by machining and may be done by mechanically controlled gas cutting machine. Sub surfaces shall be ground, cleaned and inspected before fitting / welding.
- 9.11** Unless otherwise specified on drawings, all butt welds shall be full penetration welds.
- 9.12** Unless otherwise specified on drawings, all fillet welds shall be 50% of the minimum plate thickness and shall be on both sides of the plate. Also, the weld shall be continuous.
- 9.13** Welding sequence shall be such that the distortion and residual stresses are minimised. All welds shall be deposited in proper sequence so as to balance the applied heat as far as possible. (A wandering sequence shall be used whenever necessary).
- 9.14** All sharp corners of machined/ fabricated items shall be smoothed by deburring, hand grinding, chipping and filing.
- 10.0** **TECHNICAL SPECIFICATION FOR DISASSEMBLY OF PINS & LINKS AND ASSEMBLING NEW PINS & LINKS TO THE TACKLE:**
- 10.1** Disassembling and assembling of 4 number of pins and 4 number of links shall be carried out as per the drawing no: 10-04-200-05-021/A1.
- 10.2** Material handling support (suitable crane) for disassembling and assembling of pins and links, transportation (department store to existing tackle location) of pins and links will be provided by department free of cost.
- 10.3** If any damages occurred to the department material handling equipment or any SDSC SHAR equipment / system, supplier has to replace the damaged parts within 10 days. If supplier fails to do so SDSC SHAR will have right to deduct the cost of the damaged items in the next bill of supplier.
- 10.4** Supplier should not claim any extra charges / extension of due date on account of delay in providing SDSC SHAR material handling support.
- 10.5** If existing tapped holes are not matching with the new pins assemblies, new tapped holes are to be made by contractor.
- 10.6** Old pins assemblies and links are to be stored in department store neatly.

SPEC.NO. TCE 7517A-D-856/7-001	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: B
TECHNICAL SPECIFICATION FOR STIFFENING OF TACKLE		SHEET : 6 OF 7

10.7 Disassembly is to be carried out only after clearance from the department. Since work has to be carried out in launch complex, schedule for disassembly and assembly of pins may not start immediately after receipt of pins and links. Depending on the launch schedules suitable slot will be provided to contractor.

10.8 Free movement of pins and links shall be shown to department.

11.0 TECHNICAL SPECIFICATION FOR ASSEMBLING NEW PINS TO MODULAR WEIGHT

11.1 Assembling of 4 number of pins shall be carried out as per the drawing no: 10-04-200-05-022/A1.

11.2 Material handling support for pins over the modular weight is in the scope of contractor.

11.3 Contractor shall make tapped holes on the vertical brackets for assembling new pins assemblies.

11.4 Assembly is to be carried out only after clearance from the department. Since work has to be carried out in SVAB site on newly proposed modular weight, schedule for assembly of pins may not start immediately after receipt of pins. Depending on the availability of new modular weight, suitable schedule will be provided to contractor, with one week advance intimation

11.5 After assembly free movement of pins shall be shown to department.

12.0 SURFACE PREPARATION AND PAINTING

- Complete tackle, pin assemblies shall be painted as per the instructions given below.
- All the shop-fabricated items shall be grid blasted, primer painted with Inorganic zinc silicate primer up to 65 microns DFT.
- The site fabrication items also shall be grid-blasted and primer painted before erection.
- After completion of the stiffening, all the damaged primer painted area shall be rectified.
- After primer painting, All items shall be intermediate painted with inhibitive polyamide epoxy, DFT-100 microns (min).

The total surface shall be final painted with two number of coats using acrylic aliphatic polyurethane finish paint shade: golden yellow, having a DFT of 40 microns.

12.1 Preparation of surfaces

All surfaces to be painted shall be clean, dry and free from oil, grease, dirt, dust, corrosion and weld spatters.

SPEC.NO. TCE 7517A-D-856/7-001	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: B
	TECHNICAL SPECIFICATION FOR STIFFENING OF TACKLE	SHEET : 7 OF 7

Any other surface contaminant except tightly bonded residues of mill scale rust is permissible to a limit of not more than 5% of whole surface and a maximum of 10% on any particular square inch area.

Surfaces that may become inaccessible after erection or installation or both, shall be prepared and painted while still accessible as per the same procedure mentioned.

The entire surface of all the fabricated materials is to be grid / sand blasted as per near white quality of steel structures painting council (SSPC) standard of SA 2.5 of SIS 055900.

The surface profile after blasting shall be between 37-65 microns and should be of jagged in nature.

Hand cleaning by chipping and scraping followed by wire brushing / abrasive wheels is allowed for items where surface preparation is difficult by sand blasting. All surfaces shall be degreased using a suitable solvent to remove oil & grease and shall be dried off before painting

12.2 Paint Specifications

a) Inorganic Zinc Silicate Primer:

- Two part, self cured
- Dry temperature resistance to 400 °C
- Minimum shelf life of 12 months
- Excellent abrasion resistance
- Minimum coverage of 9 sq m./litre at 65 microns
- No mud cracking at an applied thickness of 75 microns.
- Primer shall be applied minimum 65 microns DFT

(b) All items shall be intermediate painted with inhibitive polyamide epoxy, DFT-100 microns (min).

(c) Air drying Acrylic Aliphatic polyurethane finish paint.

- As per approved manufacturer's specifications.
- Minimum of 40 microns DFT
- Colour code shall be golden yellow.

SPEC.NO. SVAB/TACKLE /SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C1
	SCHEDULE OF PRICES STIFFENING OF TACKLE FOR SVAB	SHEET : 1 OF 2

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 section A, B & C 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.
4. The quoted price shall be price in Indian Rupees for supply of material, 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, erection, 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 towards Third Party Inspection (to be borne by the supplier) shall be indicated separately in the price bid.
6. Bidders shall quote in full scope of the tender. Bidders shall note that partial offer will lead to rejection of bid. Hence Bidders are requested to quote for complete scope.
7. SDSC SHAR reserves right to place order in full or part of the scope.

SPEC.NO. SVAB/TACKLE /SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C1
	SCHEDULE OF PRICES STIFFENING OF TACKLE FOR SVAB	SHEET : 2 OF 2

(A) SCHEDULE OF UNIT PRICE

Sl.no	Item	Qty.	Cost in Rs.
1	Supply of Pins as per drawing no: 10-04-200-05-023/A1 and as per specification enclosed but excluding taxes and duties.	8 sets	
2	VAT on total supply price (price mentioned in column 1) @_____applicable on above items.		
3	Supply of Links as per part no: 8 in drawing no: 10-04-200-05-021/A1 and as per specification enclosed but excluding taxes and duties.	4 nos	
4	VAT on total supply price (price mentioned in column 3) @_____applicable on above items.		
5	Supply of raw material for tackle stiffening as per part no:1 to 7 in drawing no: 10-04-200-05-021/A1 and as per specification enclosed but excluding taxes and duties.	1 lot	
6	VAT on supply price (price mentioned in column 5) @_____applicable on above items.		
7	Tackle stiffening / fabrication as per drawing no: 10-04-200-05-021/A1 and as per specification enclosed but excluding taxes and duties.	1 lot	
8	Service tax on stiffening / fabrication price (price mentioned in column 7) @_____applicable on above items.		
9	Disassembling and assembling of 4 number of pins and 4 number of links to the tackle shall be carried out as per the drawing no: 10-04-200-05-021/A1 and as per specification enclosed but excluding taxes and duties.	1 lot	
10	Service tax on disassembling and assembling price (price mentioned in column 9) @_____applicable on above items.		
11	Assembling of 4 number of pins to the modular weight shall be carried out as per the drawing no: 10-04-200-05-022/A1 and as per specification enclosed but excluding taxes and duties.	1 lot	
12	Service tax on assembling price (price mentioned in column 11) @_____applicable on above items.		
		Total Cost: (1+2+3+4+5+6+7+8+9+10+11+12)	

SIGNATURE :

NAME :

DESIGNATION:

SEAL OF THE COMPANY

DATE

ISSUE
R0

SPEC.NO.	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C2
SVAB/TACKLE/SPEC	BID QUALIFICATION CRITERIA STIFFENING OF TACKLE FOR SVAB	SHEET : 1 OF 1

BID QUALIFICATION CRITERIA FOR SUPPLY OF STIFFENING OF TACKLE

Bidders who are qualifying / meeting following Technical and financial criteria are eligible to participate in the bid for stiffening of tackle. 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 manufacture, supply, erection, testing and commissioning of structural works and forgings.
2. The firm shall have successfully completed Manufacture, Installation, Testing and Commissioning of at least 25 T of structural / forging work one single work order during last 5 years. Bidders have to provide relevant certificates from the Owners (end users) along with the submission of bid for consideration of bid document.
3. The firm shall have facilities for machining of forging items of 4m long and 1 m wide.

B. Financial Qualification Requirements:

1. The Bidder should have annual turnover of not less than a value of Rs. 50 lakhs in all last three financial years ending with 31.03.2016

C. Bid Selection Procedure and Process of Pre-Qualification

1. Short listing based on documents submitted, satisfying the all 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.
3. Visit to sites by technical team (ISRO or Third party) where Bidder has established above mentioned works.
4. If required, visit will be made to their factory/ firm by technical team (ISRO or third party) for accessing the capability of manufacturer.
5. Scrutiny of all technical specification and supply conditions mentioned in techno-commercial bid.
6. Bids with partial offer (i.e. without complete scope) will not be considered for evaluation.

SPEC.NO.
SVAB/TACKLE/SPEC

SECOND VEHICLE ASSEMBLY BUILDING PROJECT

SECTION: C3
SHEET : 1 OF 3

**SCHEDULE FOR GENERAL PARTICULARS
TACKLE STIFFENING FOR SVAB**

SCHEDULE FOR GENERAL PARTICULARS / VENDOR EVALUATION FORMAT

SR. NO.	DESCRIPTION	
1.	Name of Company	
2.	Address of Company	
3.	Type of Company (Proprietary/Pvt.Ltd/Public Ltd/Joint Venure/Consortium)	
4.	Registration number	
5.	Year of inception of the company	
6.	Registered address	
7.	Name & address of the office of the Chief Executive of the company	
8.	Name & 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	
9.	Locations of the Branches of Company (if any)	
10.	Annual turn-over of the company for the last three years	
11.	IT returns for the last 3 years	
12.	Major customers (Enclose copies of the Purchase Orders)	
13.	Any customers feedback on the services which is in writing (Pl. enclose copies)	
14.	Quality certification of the company	
15.	PAN Card Copy	
16.	The Profit & Loss Account details for the last 3 years which is duly audited and Submitted as part of the Annual Report	

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C3
	SCHEDULE FOR GENERAL PARTICULARS TACKLE STIFFENING FOR SVAB	SHEET : 2 OF 3

17.	Orders executed during last three years, > 100 T or > Rs. 15 crores, references are is to be mentioned. (Separate sheet can be attached).	
18.	Shop floor area covered	
19.	No. of employees (Supplier shall mention contract personnel separately) Engineers Supervisors Technicians Quality control engineers Administrative Staff.	
20.	Handling facility available: Over head / Gantry Crane details (Capacity , span lift). Mobile Cranes.	
21.	Load testing facility Available: Maximum weight available. No. of weights Total test load available.	
22.	Welding / fabrication workshop (Type / capacity / quantity of machines shall be provided) MMAW machines GMAW machines Gas cutting machines Plasma cutting machines Welding Fixtures	
23.	Welding professionals: No. of Welders (MMAW), Qualification details, No. of Welders (GMAW), Qualification details, No. of Welders (TIG), Qualification details, Welders Qualified by:	
24.	Details of welding Inspection Equipment & Welding inspector available with supplier (LPT, UT, MPT, X-ray, etc)	
25.	Forming facilities available (with brief specification of each machine) Shearing Machine Cutting Machine Cutting Machine Bending Machine	
26.	Machining Facilities available (with brief specification of each machine) Turning lathe (Conventional /CNC) Milling Machine (Conventional / CNC) Gear Cutting / Hobbing Machines Drilling Machines (conventional / CNC) Cylindrical Grinding Machine (Conventional / CNC) Any other machines.	
27.	Details of inspection facilities / Instruments available (Brief description & specifications shall be provided)	

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C3
	SCHEDULE FOR GENERAL PARTICULARS TACKLE STIFFENING FOR SVAB	SHEET : 3 OF 3

28.	If third party Inspection Services are taken for fabricating similar works give details.	
29.	Design Software's available Drafting & modeling software packages FEM software Other softwares Design Engineers (with qualification & experience)	
30.	Bid validity period (Min. 4 months from date of bid opening)	
31.	<u>COMPLETION SCHEDULE</u>	
32.	Period required for supply of pins at site (from date of LOI)	___ months
33.	Period required for disassembling and assembling of pins and links (from date of LOI)	___ months

SIGNATURE : _____

NAME : _____

DESIGNATION: _____

SEAL OF THE COMPANY DATE : _____

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C4
	CONFIRMATION OF ACHIEVING ACCURACY STIFFENING OF TACKLE FOR SVAB	SHEET : 1 OF 1

CONFIRMATION OF ACHIEVING ACCURACY

The BIDDER shall furnish performance guarantees as listed below based on the data specified in section B:

1. Free movement of pins assemblies after assembly.
2. Free movement of link after assembly.

SIGNATURE :

NAME :

DESIGNATION:

SEAL OF THE COMPANY DATE :

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT		SECTION: C5
	SCHEDULE OF DEVIATIONS FROM SPECIFICATIONS FOR TACKLE STIFFENING FOR SVAB		SHEET : 1 OF 1

EXCEPTIONS AND DEVIATIONS

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

SIno	Reference in Specification		Dept. Specification	Offered Specification	Deviation
	Page no	Clause no			

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 willful 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 : _____

SPEC no: SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C6
	TACKLE STIFFENING FOR SVAB	SHEET : 1 OF 2

SCHEDULE OF BIDDERS EXPERIENCE

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

SL. NO.	Name & address of Client / Name & address of project or plant (incl. tel.no., fax no., e-mail and name & designation of person who can be contacted.	Purchase Order / Contact no. and Date.	Brief details of equipment / system covered	Scope of services	Contract price (Rs)	Scheduled date of completion	Actual date of completion	Reasons for delay in completion, if applicable.	REMARKS

COMPANY SEAL

SIGNATURE: :
NAME :
DESIGNATION:
COMPANY :
DATE :

SPEC no: SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C6
	TACKLE STIFFENING FOR SVAB	SHEET : 2 OF 2

SCHEDULE OF BIDDERS PRESENT WORK

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

SL. NO.	Name & address of Client / Name & address of project or plant (incl. tel.no., fax no., e-mail and name & designation of person who can be contacted.	Purchase Order / Contact no. and Date.	Brief details of equipment / system covered	Scope of services	Contract price (Rs)	Scheduled date of completion	Expected date of completion	REMARKS

Company Seal

SIGNATURE: :
NAME :
DESIGNATION:
COMPANY :
DATE :

SPEC.NO.
SVAB/TACKLE/SPEC

SECOND VEHICLE ASSEMBLY BUILDING PROJECT
DATA TO BE FILLED ALONG WITH BID FOR TACKLE
STIFFENING FOR SVAB

SECTION: C7
SHEET : 1 OF 1

DATA TO BE FILLED ALONG WITH THE BID FOR TACKLE STIFFENING

SR. NO.	DESCRIPTION	TENDERS OFFER
1.0	Confirm that all the pin assemblies will be supplied as per specification.	Yes / No
2.0	Confirm that all the pins will be heat treated to achieve minimum UTS of 1180 MPA and hardness of 341 BHN.	Yes / No
3.0	Confirm that test piece will be taken from pins and will be tested for mechanical properties.	Yes / No
4.0	Confirm that all the links will be supplied as per specification.	Yes / No
5.0	Confirm that all the links will be will be drilled in single setup.	Yes / No
6.0	Confirm that fabrication of all items shall be done as per IS:800 & tolerance in fabrication shall be maintained as specified in relevant drawings.	Yes / No
7.0	Confirm that free movement of pins assemblies will be demonstrated.	Yes / No
8.0	Confirm that free movement of links assemblies will be demonstrated.	Yes / No

SPEC.NO. SVAB/TACKLE/SPEC	SECOND VEHICLE ASSEMBLY BUILDING PROJECT	SECTION: C8
	CHECK LIST FOR BID SUBMITTING OF TACKLE STIFFENING FOR SVAB	SHEET : 1 OF 2

CHECK LIST

Sl no	Description	Response by supplier
1.	All documents related to Prequalification criteria mention in Section C2 have been met and all related documents are enclosed in technical Bid	Yes / No
2.	Are all the technical particulars as called for in the data sheets section A,& B and commercial details as called for in schedule of prices filled up	Yes / No
3.	Demand Draft towards the Tender fee and Earnest Money Deposit are enclosed in technical bid and scan copy is uploaded in e-procurement portal.	Yes / No
4.	The detailed scope of work and technical specifications are understood and price was quoted accordingly.	Yes / No
5.	Confirmation that the quoted prices are firm and fixed till the completion of scope of work.	Yes / No
6.	Validity of Offer is 4 months (minimum).	Yes / No
7.	Vendor Evaluation Format is attached	Yes / No
8.	Customs Duty Exemption Certificate (CDEC) will be issued by Department for imported items mentioned in Section :A was considered in your offer or not.	Yes / No
9.	Excise Duty Exemption Certificate (EDEC) will be issued by Department for finished product only. Hence, it is considered in you offer or not.	Yes / No
10.	Service Tax at the prevailing rates (If not mentioned it will be assumed that the price quoted are inclusive of taxes).	Yes / No
11.	VAT/CST to be indicated in percentage (if not mentioned it will be assumed that the price quoted are inclusive of taxes).	Yes / No
12.	Delivery Schedule with milestones	Yes / No
13.	Accepted the Department Payment Terms	Yes / No
14.	Are General terms and Conditions of Contract for Supply & commissioning included in proposal acceptable?	Yes / No
15.	If not acceptable, are the deviations brought out in the "Schedule of Deviations"	Yes / No
16.	Are there any deviations from enquiry technical specifications?	Yes / No
17.	If there are technical deviations, are these filled in "Schedule of Deviations from Tech. Specifications"?	Yes / No
18.	Warranty for the fully commissioned and accepted system is 12 months	Yes / No
19.	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.	Yes / No
20.	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.	Yes / No
21.	Liquidated Damages (Ref. Clause 24 of Section A.) are acceptable	Yes / No
22.	Last three years audited financial results are enclosed	Yes / No
23.	Registration certificate of the company is enclosed	Yes / No

Signature of the tenderer.

SPEC.NO.
SVAB/TACKLE/SPEC

SECOND VEHICLE ASSEMBLY BUILDING PROJECT

SECTION: C8
SHEET : 2 OF 2

**CHECK LIST FOR BID SUBMITTING OF TACKLE
STIFFENING FOR SVAB**

CHECK LIST

24.	All the forms in Section C1 to C7 are filled	Yes / No
25.	Are all data sheets A/B duly filled in and submitted in offer	Yes / No
26.	Technical documents / drawings are attached along with technical bid as para 1.7.1 of Section A	Yes / No

Signature of the tenderer.



Satish Dhawan Space Center SHAR

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GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

SATISH DHAWAN SPACE CENTRE

PURCHASE DIVISION

Tele No.08623-225023/225174/225127

Fax No.08623-225170/22-5028

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

STANDARD TERMS & CONDITIONS

1.OFFERS SHALL BE SENT ONLINE ONLY USING STANDARD DIGITAL SIGNATURE CERTIFICATE OF CLASS III WITH ENCRYPTION / DECRYPTION. THE TENDERS AUTHORISED ONLINE ON OR BEFORE THE OPEN AUTHORISATION DATE AND TIME ONLY WILL BE CONSIDERED AS VALID TENDERS EVEN THOUGH THE BIDS ARE SUBMITTED ONLINE.

2.THE TENDERER MUST AUTHORISE BID OPENING WITHIN THE TIME STIPULATED IN THE SCHEDULE BY SDSC SHAR. OTHERWISE THE ONLINE BID SUBMITTED WILL NOT BE CONSIDERED FOR EVALUATION. PHYSICAL COPY WILL NOT BE CONSIDERED EVEN THOUGH IT IS RECEIVED BEFORE THE BID SUBMISSION DATE.

In case of two-part tenders, parties shall submit their offers as follows:-

1) Part-I – Techno-commercial Bid

(No price details shall be mentioned in this bid and shall not upload the details of price along with the techno-commercial bid)

2) Part-II – Price Bid

In view of Two Part Tender, the Offers submitted contrary to above instructions will be summarily rejected.

3.In case, the tenderer is not interested to participate in the tender, the tenderer shall submit regret letter giving reasons, failing which future enquiries will not be sent.

4.**Offer Validity:** The validity of the offers / tenders should be 90 days (in case of single part tender) and 120 days (in case two part tender) from the date of opening of the tenders. Tenders with offer validity less than the period mentioned above, will not be considered for evaluation.

5.**Excise Duty** - SDSC-SHAR is eligible for Excise Duty Exemption under Notification No. 64/95 dated 16.03.1995 as amended by Notification No. 15/2007 dated 01.03.2007 and as amended by Notification No. 07/2008 dated 01.03.2008 and necessary Exemption Certificate will be provided. No claim, whatsoever, for payment of Excise Duty or Cenvat reversal will be allowed later. The suppliers have to take this into account while submitting quotations.

Excise Duty Exemption Certificate will be issued only to finished product as per the PO/Contract. EDEC shall not be issued in favour of third parties for raw materials, other components that go in to the manufacture of the end product.

Excise Duty Exemption Certificate will be issued in favour of original equipment manufacturer provided (i) the tender has been received from the sole selling agent of OEM concerned (for which documentary proof shall be produced) and (ii) a request for issue of Excise Duty Exemption Certificate was made in the original offer itself.

6.**CST** - With effect from 01.04.2007, Form-D has been withdrawn for Inter-State purchases by Government Departments. Now the percentage of CST on the Inter-State sales to Government Departments shall be the percentage of VAT/State Sales Tax as applicable in the State of the Seller/Dealer. Accordingly, the suppliers have to indicate clearly the % (full rate of tax) of CST applicable against each item in their offers.

7.**Customs Duty** - SDSC-SHAR is eligible for 100% Customs Duty exemption as per Notification No. 12/2012 dated 17.03.2012. This may be taken into account while quoting for import items, if any.

In case tenderers offering items considering customs duty exemption, they should also indicate the bill of materials and price, separately, with Customs Duty component and terms and conditions thereto.

8.**Advance Payment** - Wherever advance payment is requested, Bank Guarantee from any Nationalized Bank/Scheduled Bank should be furnished. In case of advance payments, if the party is not supplying the material within the delivery schedule, interest will be levied as per the Prime Lending Rate of RBI plus 2% penal interest.

Interest will be loaded for advance payments/stage payments as per the prime lending rate of RBI and will be added to the landed cost for comparison purpose. In case of different milestone payments submitted by the parties, a standard and transparent methodology like NPV will be adopted for evaluating the offers.

9.**Liquidated Damages** - In all cases, delivery schedule indicated in the Purchase Order/Contract is the essence of the contract and if the party fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof subject to a maximum of 10% of total order value.

10.**Performance Bank Guarantee** - Performance Bank Guarantee for 10% of the order value should be furnished in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till warranty period plus sixty days as claim period.

11.**Security Deposit** – Security Deposit for 10% of the order value is mandatory, if the ordered value is Rs.5.00 lakhs and above. Party

shall furnish the Security Deposit in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till completion of the contract period plus sixty days towards claim period for faithful execution of the contract.

12. **BANK GUARANTEE FOR FIM:** Supplier has to submit Bank guarantee for equal value of Free Issue of Materials (FIM) issued by the Department from Nationalised / Scheduled Bank valid till receipt and acceptance of supply and satisfactory accounting of FIM plus sixty days as claim period.

13. The delivery period mentioned in the tender enquiry, IF ANY, is with the stipulation that no credit will be given for earlier deliveries and offers with delivery beyond the period will be treated as unresponsive.

14. The Department will have the option to consider more than one source of supply and final orders will be given accordingly.

15. The bidders should note that conditional discounts would not have edge in the evaluation process of tenders.

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

17. Wherever installation/ commissioning involved, the guarantee/warranty period shall reckon only from the date of installation and commissioning.

18. Purchase/Price Preference will be extended to the MSMEs under the Public Procurement Policy for MSMEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006 and instructions issued by Government of India from time to time. Vendors who would like to avail the benefit of MSME should clearly mention the same and submit all the documentary evidences to substantiate their claim along with tender itself.

19. The drawings, specifications, end use etc., given by the Centre/Unit along with the tender enquiry are confidential and shall not be disclosed to any third party.

20. **SPECIAL CONDITIONS FOR SUBMITTING QUOTATIONS IN FOREIGN CURRENCY BY THE INDIAN AGENTS**

The Tenderer should submit the following documents/information while quoting:-

a) Foreign Principal's proforma invoice/quote indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.

b) Copy of Agency agreement with the Foreign Principal and the Indian Agent, precise relationship between them and their mutual interest in the business.

c) Registration and item empanelment of the Indian Agent.

d) Agency Commission will be paid only Indian Currency.

e) Compliance of the tax laws by the Indian Agent.

21. **High Sea Sales-** Against High Sea Sale transactions:

a. Offers shall be on all inclusive basis including delivery upto Sriharikota at the risk and cost of the supplier. Customs Clearance is the responsibility of the supplier and at his cost and risk.

b. 100% payment will be made within 30 days after receipt and acceptance of the items at our site.

c. Sales Tax is not 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. Excise Duty, VAT, Service Tax 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.