

भारत सरकार  
अंतरिक्ष विभाग  
सतीश धवन अंतरिक्ष केंद्र शार  
श्रीहरिकोटा रेंज डा.घ. 524 124  
श्री पोष्टि श्रीरामुलु नेल्लूर जिला, आं.प्र., भारत  
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फैक्स : +91-8623 222099



Government of India  
Department of Space  
Satish Dhawan Space Centre SHAR  
Shriharikota Range P.O. 524 124  
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### निविदा सूचना सं. TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/RO-VALF/05/2024-2025

भारत के राष्ट्रपति की ओर से वरि. प्रधान क्रय एवं भंडार, सतीश धवन अंतरिक्ष केंद्र श्रीहरिकोटा निम्नलिखित वस्तुओं के लिए ऑनलाइन निविदाएं आमंत्रित करते हैं/On behalf of President of India, Sr. Head Purchase and Stores, SDSC SHAR, SRIHARIKOTA invites on line quotations for the following: -

क्र. सं. Sl No	संदर्भ सं. Ref. No.	विवरण Description	मात्रा Qty.
01.	SDSC SHAR /VALF PURCHASE /VALF/ 2023001845 Supply of MRS85/ CR171 Rails [Public Tender - Two Part]	Supply of MRS85/ CR171 Rails	01 Lot

निविदा दस्तावेजों को डाउनलोड करने की अंतिम तिथि Last Date for downloading of tender documents : 28.05.2024 at 16:00 hrs.  
ऑनलाइन निविदा जमा करने की अंतिम तिथि Due Date for submission of bids online : 28.05.2024 at 16:30 hrs.  
निविदाएं खोलने की नियत तिथि-Due Date for opening of tenders : 29.05.2024 at 14:30 hrs.

#### निविदाकार के लिए निर्देश Instructions to Tenderers:

निविदाएं ईजीपीएस के माध्यम से ही भेजी जाएं तथा कोई निविदा शुल्क लागू नहीं होगा।  
Bids shall be submitted on line through EGPS only and No tender fee shall be applicable.

- कार्य के सम्पूर्ण विवरण/जानकारी तथा नियम व शर्तों इत्यादि के लिए संलग्न अनुलघ्नक को देखें। / For full details/scope of work and terms and conditions etc., please see the enclosed annexures.
- इच्छुक निविदाकार इसरो की ई-खरीद वेबसाइट इसरो न्यू ई-प्रोकुरमेंट [www.eproc.vssc.gov.in](http://www.eproc.vssc.gov.in) से ई-निविदा डाउनलोड और अपनी निविदा ई-खरीद पोर्टल पर ऑनलाइन जमा कर सकते हैं। डाक / वाहक / स्वयं द्वारा प्राप्त निविदाओं पर विचार नहीं किया जाएगा। / Interested tenderers can download the e-tender from ISRO e-procurement website ISRO NEW E-PROCUREMENT [www.eproc.vssc.gov.in](http://www.eproc.vssc.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.
- निविदा दस्तावेज इसरो की वेबसाइट [www.isro.gov.in](http://www.isro.gov.in) इसरो न्यू ई-प्रोकुरमेंट वेबसाइट [www.eproc.vssc.gov.in](http://www.eproc.vssc.gov.in) तथा सतीश धवन अंतरिक्ष केंद्र शार की वेबसाइट [www.shar.gov.in](http://www.shar.gov.in) पर भी उपलब्ध हैं। इन्हें केवल ई-खरीद पोर्टल से डाउनलोड और निविदा ऑनलाइन जमा कर सकते हैं। / Tender documents are also available on ISRO website [www.isro.gov.in](http://www.isro.gov.in) ISRO New e-procurement website [www.eproc.vssc.gov.in](http://www.eproc.vssc.gov.in) and SDSC SHAR, Sriharikota website [www.shar.gov.in](http://www.shar.gov.in). The same can be down loaded and offer submitted on line in the new e-procurement portal only.
- निर्धारित तिथि/समय के पश्चात प्राप्त बोलियों पर विचार नहीं किया जाएगा। / Quotations received after the due date/time will not be considered.
- निविदा दस्तावेज दिनांक 28.05.2024 को 16:00 बजे तक डाउनलोड करने के लिए उपलब्ध रहेंगे तथा निविदा ऑनलाइन जमा करने की अंतिम तिथि 28.05.2024 को 16:30 बजे तक है। निविदाएं दिनांक 29.05.2024 को 14:30 बजे खोली जाएंगी। / The tender documents are available for download upto 28.05.2024 at 16:00 hrs. and last date for submission of tenders on line 28.05.2024 at 16 30 hrs. and Tender Opening on 29.05.2024 at 14:30 hrs.
- इच्छुक विक्रेता विवरण जानने के लिए निविदा खोले जाने वाले सत्र में शामिल हो सकते हैं। निविदा के मूल्यांकन पर विचार करने के लिए उनकी उपस्थिति अनिवार्य नहीं है। / Interested vendors can attend the Bid opening sessions to know the details. Presence not mandatory to consider the quote for evaluation.
- वरि. प्रधान क्रय एवं भंडार, सतीश धवन अंतरिक्ष केंद्र श्रीहरिकोटा के पास किसी भी या सभी निविदाओं को स्वीकार / अस्वीकार करने का अधिकार है। / Sr. Head, Purchase and Stores, SDSC-SHAR, Sriharikota reserves the right to accept or reject any/or all the quotations.
- GeM ARPTS Report ID: GEM/GARPTS /30042024/4GMW5Q11RKKE

दिनांक DT:30-04-2024

वरि. प्रधान क्रय एवं भंडार  
Sr. HEAD PURCHASE AND STORES

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

**Tender for Supply of MRS85/ CR171 Rails**

**Bids to be submitted online**

**Tender No.: SDSC SHAR/VALF PURCHASE/SH202300184501 dated 02-05-2024**

## A. Tender Details

Tender No :	<b>SDSC SHAR/VALF PURCHASE/SH202300184501</b>
Tender Date :	<b>02-05-2024</b>
Tender Classification:	<b>GOODS</b>
Purchase Entity :	<b>VALF PURCHASE</b>
Centre :	<b>SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)</b>

## Supply of MRS85/ CR171 Rails

GEM/GARPTS/30042024/4GMW5Q11RKKE

As per tender documents

### A.1 Tender Schedule

Bid Submission Start Date :	<b>02-05-2024 16:30</b>
Bid Clarification Due Date :	<b>17-05-2024 10:00</b>
Bid Submission Due Date :	<b>28-05-2024 16:30</b>
Bid Opening Date :	<b>29-05-2024 14:30</b>
Price Bid Opening Date :	<b>26-06-2024 14:30</b>

## B. Tender Attachments

### Technical Write-up/Drawings

Document : RFP/ Tender specification document for supply of MRS85 rails

### Instructions To Vendors

#### 2. STANDARD TERMS & CONDITIONS

1. Tele No.08623-225174/225127/226082

Fax No.08623-225170/22-5028

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

1. Instruction to Indigenous Suppliers:

a) Payment Terms shall be as specified in RFP. If not specifically mentioned Our Normal payment term is 100% within 30 days after receipt and acceptance of the item at our site. Please confirm acceptance in your quotation.

b) Our GST No. is. 37AAAGS1366J1Z1.

c) Purchase / Price preference to MSEs

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

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

Interested vendors shall specifically claim the benefit with supporting documents.

d) Purchase / Price preference to Make-in-India Products:

Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs. 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor

or cost auditor, if the OEM is a company and by a practicing cost accountant or chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in-India) order 2017 dated 04.06.2020 and amendments thereof. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

## 2. Instruction to Foreign Suppliers:

- a) Payment Terms shall be as specified in RFP. If not specifically mentioned Our normal payment term is SIGHT DRAFT, Please confirm acceptance in your offer, if you insist for L/C, and all bank charges shall be to your account. Confirm acceptance.
- b) Please specify whether any export clearance is required in case of an order on you.
- c) Warranty/Guarantee applicable for the item shall be mentioned in your offer
- d) Special Certification for packing Material : as per Plant Quarantine (Regulation of Control into India) Order 2003, Articles packed with packing material of plant origin viz., hay, straw, wood shavings, wood chips, saw dust, wood waste, wooden pallets, Dunn age Mats, wooden packages, coir pith, pear or sphagnum moss etc., will be allowed entry by Customs only with a Phytosanitary Certificate. In case if a Purchase Order, if you propose to us any of the above material for packing such a certificate issued by your local Plant Quarantine Authority shall be furnished.
- e) Confirm whether any Export License is required and for which End User Certificate is to be provided by us, in case of an Order on you. (Enclose format for EUC, if applicable)
- f) Either Indian Agent on behalf of the foreign principals or the foreign principal directly can quote against this order, but not both. In either case an Indian agent cannot represent more than one principal against the same tender.
- g) In case the quote is in INR we prefer to execute the same on HSS Basis and for which Concessional Customs duty as per Notification no.50/2017 Customs dated 30.06.2017, Serial No.539(A) as amended by Notification no.05/2018 dated 25.01.2018. In case the quote is on Indian Rupee (Outside High Sea Sale), the price shall include taxes and duties if any. We shall not able to provide any duty or IGST tax exemption/concession certificates. If the item quote is of USA make, please quote for all-inclusive price since we prefer to get the item on FOR destination basis.
- h) Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with Competent Authority as specified in Office Memorandum no.F.No.6/18/2019-PPD, Ministry of Finance, Department of Expenditure, Public Procurement Division dated 23rd July 2020. All the conditions mentioned in the above OM is applicable for this tender.

Common terms to Indigenous and foreign suppliers:

### 3.Warranty

You shall provide applicable warranty for the items offered by you without fail. For the applicable period you shall provide necessary warranty certificate.

### 4.Performance Bank Guarantee

Towards the performance of the systems during the warranty period you shall submit a performance bank guarantee equivalent to 3% of the order value to cover the warranty period. This PBG shall be

interest free and the same shall be returned to you on successful completion of all contractual obligations. The said PBG shall have a further claim period of 2 months.

#### 5. Security Deposit

On acceptance of the order, you shall submit an interest free amount equivalent to 3% of the total contract/order value towards security deposit. This security deposit is collected towards the performance of the Contract. The said Security Deposit shall be submitted either in the form of Bank Guarantee/Demand Draft/FDR receipts duly endorsed in the name of the centre. The Security Deposit will be returned to you on successful completion of the Contractual obligations; failing which it shall be forfeited/adjusted.

#### 6. Offer Validity

Your offer shall be valid for 180 days in case of 2 part / 90 days in case of single part from the date of tender opening. In case you offer validity is less than the mentioned above, the said offer is liable for rejection which may please be noted.

#### 7. Liquidated Damages:

If you fail to deliver the ordered items satisfactorily within the time specified or any extension thereof, Liquidated Damage @ 0.5%(zero point five percent) of the order value or part thereof the un-delivered items for each calendar weeks of delay shall be recovered from your bill. However total Liquidated Damage shall not exceed 10% (ten percent) of the order value.

#### FORCE MAJEURE:

Should a part or whole work covered under this contract be delayed in delivery/completion of work due to reasons of Force majeure which shall include legal lockouts, strikes, riots, civil commotion, fire, accidents, quarantines, epidemic, acts of God & War, stoppage of deliveries by the Government , freight embargoes etc; the delivery period/completion of work referred to in this Contract shall be extended by a period not in excess of duration of such Force Majeure. The occurrence shall be notified by either party within reasonable time.

#### 8. Offers received through post, courier, fax or email will not be considered.

9. Technical and commercial bid (Part-I) shall not contain any price details. Optional accessories or other price details, if any shall be uploaded in Supporting documents related to Price Bid, to be opened along with Price Bid.

10. In respect of FIM being issued, the fabricator shall submit Bank Guarantee for equivalent sum compulsorily. In case, submission of Bank Guarantee is not possible, the reasons there for shall be clearly mentioned. However, for such cases the fabricators at their cost shall secure such FIM through Insurance Policy with Director, SDSC SHAR as beneficiary. In case of PSU and Government Organization, Indemnity Bond in lieu of Bank Guarantee is acceptable. Balance FIM/Scrap, if any shall be returned along with the supply of the items. Please confirm acceptance in your quotation.

11. SDSC SHAR shall have the right to place part order among the parties for the items for which they are the lowest.

#### 12. Arbitration:

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

consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.

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

### **3. INSTRUCTIONS TO TWO PART TENDER**

1. We are proposing to invite Tenders in Two Parts viz., Part-I Techno and Commercial & Part-II Price. All Tenderers are requested to follow carefully the following instructions before preparing their offer.

#### **PART- I- TECHNO COMMERCIAL BID:**

(1) This part should contain detailed Specifications of the items quoted by you along with Technical Literature and Leaflets if any.

(2) All the Commercial terms and Conditions applicable also should be indicated separately under separate heads.

(3) The Commercial terms such as delivery terms, delivery period, payment terms, warranty, validity of the offer, Installation & Commissioning, Duties and Taxes etc shall come into this.

(4) Either Technical Specifications or Terms & Conditions as above should be very clearly reflected items wise with reference to the items called for in the tender.

(5) Please note that Prices should not be indicated in this part.

(6) Any deviations from the Technical Specifications and Commercial Terms shall be indicated separately.

#### **PART II-PRICE BID:**

(1) The prices applicable for the items, item wise in response to the tender shall come into this part.

(2) Tender shall indicate very clearly item wise prices with reference to their Technical Offer.

Note: 1. PLEASE NOTE THAT THE OFFERS SUBMITTED CONTRADICTORY TO ABOVE INSTRUCTIONS WILL BE LIABLE FOR REJECTION. PLEASE ENSURE OFFERS ARE SUBMITTED WITHIN THE DUE DATE.

2. BEING TWO PART TENDER, WE REQUEST YOU NOT TO DISCLOSE / INDICATE ANY OF THE PRICE VALUE WHILE SEEKING / PROVIDING CLARIFICATION. YOU SHOULD INDICATE ONLY

IN PERCENTAGE. IN CASE IF YOU DISCLOSE ANY OF THE PRICE AMOUNT YOUR OFFER WILL BE REJECTED.

#### 4. General Instructions to Vendor

##### 1. Instructions to tenderers

TeleNo.08623-225174/225127

Fax No.08623-225170/22-5028

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

1. Interested tenderers may, at their option, login to <https://eproc.isro.gov.in> and submit your offers.

2. TENDER FEE IS NOT APPLICABLE.

3. EARNEST MONEY DEPOSIT IS NOT APPLICABLE IF NOT MENTIONED IN THE RFP SPECIFICATION.

4. Indian agents while quoting on behalf of their principals are requested to attach Principals original quote, necessary authorization letter from their Principals, copy of agency agreement etc. in their bid.

5. TWO PART BIDS: In case of Two part tender, price details shall not be uploaded in the Technical & Commercial Bids (Part I), failing to which the bid will be treated as INVALID.

6. The offer should be valid for a minimum period of 180 days for 2 part / 90 days for single part from the date of opening.

7. Due date & time: Sufficient time has been allotted for Bid submission. Vendors are requested to complete Bid submission well in advance. Last minute requests for due date extension citing server problems etc. will not be entertained. Bids will not be entertained after the due date and time.

7 (A). Request for the extension of the due date will not be considered.

8.

(a) Bid Opening for Public Tender: In case of Public Tender-Two Part Tenders: Technical and Commercial Bids will be opened on the first day specified for Tender opening. Interested vendors can attend the tender opening session to know the bidding details (Bidders presence is not mandatory to consider the quote for evaluation). Price Bid opening of the selected vendors will be scheduled later and it will be intimated to the selected Bidder (s).

(b) For Limited Tender: Bidders participation is not allowed.

9. Prices are required to be quoted according to the units indicated.

10. Preference will be given to those tenderers offering supplies from ready stocks and on the basis of FOR destination delivery at site.

11. (a) All available technical literature, catalogues and other data in support of the specifications and detail of the items should be furnished as attachments.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of non-acceptance of tender, the tenderer will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensions details are available the same should be indicated in your offer.

(d) Specifications: Stores offered should strictly conform to our specifications. Deviations, if any, should be clearly indicated by the tenderer in their quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples wherever necessary. Test certificates wherever necessary should be attached. Whenever options are called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us the tenderer could suggest changes to specifications with appropriate response for the same.

12. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portion of quantity offered and the tenderers shall supply the same at the rates quoted.

13. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.

14. The tenderer will be required to furnish a document containing the name of his bankers as well as the latest income-tax clearance certificate duly counter signed by the Income-tax Officer of the Circle concerned under the Seal of his office, if required by the Purchaser.

15. The Purchaser reserves the right to place order on the successful tenderers for additional quantity up to 25% of the quantity offered by them at the rates quoted.

16. Sr. Head, Purchase and Stores, SDSC SHAR SRIHARIKOTA reserves the right to accept or reject any bid in part or full without assigning any reason thereof.

17. Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with Competent Authority

as specified in Office Memorandum no.F.No.6/18/2019-PPD, Ministry of Finance, Department of Expenditure, Public Procurement Division dated 23rd July 2020. All the conditions mentioned in the above OM is applicable for this tender.

## C. Bid Templates

### C.1 Technical Bid - Supply of MRS85/ CR171 Rails

#### 1. RAIL : Supply of MRS85 / CR171 rails

##### Common Specifications (Applicable for all items)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Rails to be supplied:	MRS 85 / CR171 (84.83 kg/m or 171 lbs/yd)	Yes / No / Explain		
2	Specification to meet	As per ASTM A-759 - Specification for carbon steel rails	Yes / No / Explain		
3	Grade (110Cr-V)	Tensile strength – 1080 MPa, Yield strength- 640MPa	Yes / No / Explain		
4	Hardness (Head hardened to)	320 BHN (Min)	Yes / No / Explain		
5	Percentage of elongation	7 (min)	Yes / No / Explain		
6	Rail End conditions	Ends: 3 nos. Ø30mm drilled bolt holes at ends for fixing fish plates (from rail end 4", 5" & 6" distances for joining the rails using fish plates)	Yes / No / Explain		
7	Rail length	Each rail Length:~11.887m / 39 ft long for straight rails and 11.278 m/ 37 ft for curved rails	Yes / No / Explain		
8	Tolerance on rail length	± 50 mm	Yes / No / Explain		
9	Tolerance on weight	± 5% per rail	Yes / No / Explain		
10	Documents/certificates	Mills inspection certificate for each lot of rails to be submitted	Yes / No / Explain		

##### Supporting Documents required from Vendor

1. •Mill's inspection certificate (manufacturer's test certificate) according to EN 10204 shall be submitted for each lot of rails.

- 2. Please upload Annexure duly sealed & signed by your competent authority**
- 3. Past Experience(Work Completion Certificate) as indicated in A(2) & 2 (B) of Section C**
- 4. Firm Establishment certificate and nature of work**
- 5. Audited balance sheet including profit & Loss for FY 2020-21, 2021-22 & 2022-2023**
- 6. Copy of IT return for FY 2020-21, 2021-22 & 2022-2023**
- 7. PAN & GST**
- 8. Bar chart for supply of rails full quantity within the time frame**
- 9. Data sheet**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	30mm dia holes shall be drilled at the ends of each rail as per the specifications for joining the rails with fish plates	Yes / No / Explain	
2	Items shall be properly packed to avoid transit damages	Yes / No / Explain	
3	As per Notification No. 05/2018 CUSTOMS Dtd. 25.01.2018 ISRO is eligible to reduced rate of customs duty @ 10.775% ((Incl of CD@ 5% plus Surcharge @10% of CD plus IGST 5% on CD and Surcharge) for selected items. In case of foreign component involved, We will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies/ High Sea Sales. In this connection, tenderer has to provide the following. (i) Please indicate whether your rate is inclusive of this Customs duty @ 10.775% or extra. (ii) What would be the percentage of foreign exchange component you have considered in your quote. (iii) List of items with approximate quantities which require customs duty exemption certificate to be provided. Note: Suppliers are requested to explicitly state whether Quoted percentage is Extra or Inclusive, If Not i.e, if you quote as "YES/Accepted /Noted/ As per tender specifications" it will be treated as included in the quoted basic cost. Please note that in Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
4	1HSN/SAC code shall be indicated for each item and accordingly mention the GST Rate applicable as per prevailing guidelines.	Yes / No / Explain	
5	PLEASE CONFIRM WHETHER YOUR QUOTED UNIT PRICE IS INCLUSIVE OF GST (OR) GST EXTRA. NOTE: If you quote vaguely as "YES/Accepted /Noted etc" it will be treated as "GST is included in the quoted Basic/Unit cost". Your offer will be evaluated accordingly and no GST will be paid extra.	Yes / No / Explain	

6	Delivery Term : DAP: SLC site, Madhavankurichi	Yes / No / Explain	
7	Packing and Forwarding(P & F) charges, extra if any, please mention percentage in price-bid. Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
8	Freight charges, extra if any, please mention percentage in price-bid Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
9	Installation Charges, extra if any, please mention percentage. Please note that in case of Two part tenders, only percentage should be mentioned otherwise those offers shall be summarily rejected.	Yes / No / Explain	
10	Delivery Period required for delivery of the items/completion of total scope of work: 12 months from the date of release of PO.	Yes / No / Explain	
11	<p>Payment Term:</p> <p>1. Irrevocable LC will be opened for 90% of order value after receipt of items at department site i.e.,Madhavankurichi Village,</p> <p>2. Balance 10% of the order value will be paid by wire transfer after receipt &amp; acceptance of the items at our site by CLIP.</p> <p>In case of Indian vendors: 100% payment within 30 days after receipt and acceptance of the material at our site by CLIP against submission of PBG.</p>	Yes / No / Explain	
12	Warranty/Guarantee: Specified in the RFP Section A (Para No. 14 & 15)	Yes / No / Explain	
13	Liquidated Damages (LD) :- Since delivery is the essence of this order, LD @ 0.5% per week or part thereof subject to a maximum of 10% of the order value for the delayed period of supply.	Yes / No / Explain	

14	Security Deposit (SD) 3% value of the order shall be deposited with SDSC within 10 days from the date of the Purchase Order towards security deposit in the form of Bank Guarantee(BG)/ FDR/DD towards performance of the Contract valid till completion of the contract period plus sixty days towards claim period. (This will be returned by SDSC immediately on execution of the order satisfactorily as per order terms. If not, the amount will be forfeited). NOT REQUIRED FOR LANDED COST BELOW RS.5 LAKHS.	Yes / No / Explain	
15	Performance Bank Guarantee (PBG) You have to submit a BG/DD/FDR in lieu of PBG from a Nationalized / Scheduled Bank for 3% of the order value at the time of supply valid till the completion of warranty period plus 60 days towards claim period.	Yes / No / Explain	
16	Combined BG for PBG cum SD In case, if parties are unable to provide two separate BGs, i.e., one for SD & one for PBG, they can submit a combined BG for SD & PBG for 3% of the Order value valid till the completion of total contractual obligation (i.e., Supply period plus warranty period plus 60 days). Please confirm.	Yes / No / Explain	
17	Insurance Being a Govt. Of India Dept., Insurance is not required at our cost. Please ensure the safe delivery of the ordered item with proper transport worthy packing.	Yes / No / Explain	
18	Validity of Offer In case of single part tender - the validity of offers/tenders should be 90 days. In case of two part tender - 120 days from the date of opening of Part-I bid and 60 days from the date of opening of Part-II bid. Tenders shorter than offer validity mentioned above will not be considered for evaluation.	Yes / No / Explain	
19	PART ORDER: We reserve the right to place part order based on item wise L1 offer or if MSE/MII Purchase preferences arise, if required. Please confirm acceptance for part order.	Yes / No / Explain	

20	The bidder shall provide compliance to Order No. F.No.6/18/2019 PPD dated 23.07.2020 and amendments thereof by Ministry of Finance, Department of Expenditure, Public Procurement Division regarding restrictions on procurement from a bidder of a country which shares a land border with India and comply to all the provisions of the Order. In this regard, you shall certify that the bidder entity is not from such a country or, is from such a country, has been registered with the Competent Authority.	Yes / No / Explain	
21	As per the above Order, are you (the Bidder/Company/Entity) OR offering product/service is from such a Country sharing Land border with INDIA.	Yes / No / Explain	
22	Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the BIDDER MUST BE MANUFACTURER OF THE OFFERED PRODUCT in case of bid for supply of goods. TRADERS ARE EXCLUDED from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence along with UDYAM REGISTRATION in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1 plus 15% (Selected by Buyer) of margin of purchase preference/price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total QUANTITY.	Yes / No / Explain	

23	<p>Are you claiming MSME Preference for this tendered item/service? Note: You should have been the MANUFACTURER of the offered product or SERVICE Provider of the said service (in service tender) as per your MSME Registration. (If YES, valid Udyam Registration documents shall be uploaded. Otherwise your claim will not be considered. False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h))</p>	Yes / No / Explain	
24	<p>Special conditions against Indian Agents submitting quotations in Foreign Currency. (a) Foreign Principals proforma invoice 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, precise relationship between them and their mutual interest in the business. (c) The enlistment of the Indian Agent with Director-General of Supplies &amp; Disposals under the Compulsory Registration Scheme of Ministry of Finance.</p>	Yes / No / Explain	
25	<p>In case of foreign orders, (a) please specify whether any Export clearance is required. (b) Please specify whether any agency commission is involved or not. (Will only be paid in Indian Rupee to Indian Agent)</p>	Yes / No / Explain	
26	<p>Do you have Unique GeM Seller ID? If YES, provide details If NO, As per Office Memorandum No 6/9/2020-PPD dated 24/08/2020 of Department of Expenditure, it shall be mandatory for sellers providing Goods and Services to Central Government Organizations to be registered on GeM and obtain a Unique GeM Seller ID, at the time of Placement of Order/acceptance of contract. Tenderers shall ensure the same.</p>	Yes / No / Explain	

27	<p>ARBITRATION:- The Contract shall be interpreted, construed and governed by the Laws in India. In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Work Package Order(s), such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Office of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre - Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.</p>	Yes / No / Explain	
28	Please provide valid/currently using E-mail Id & Contact no. for seeking further clarifications if any	Yes / No / Explain	
29	Address on which PO is to be placed (if necessary) and GSTIN (GST No. for SHAR- GSTIN: 37AAAGS1366J1Z1)	-	
30	Remarks if any	-	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	P&F IN PERCENTAGE	FREIGHT PERCENTAGE	Remark
1	RAIL : Supply of MRS85 / CR171 rails	1.00 Lot		-				

ANNEXURE TO INDENT NO: SDSC SHAR/VALF PURCHASE/VALF/2023001845

**REQUEST FOR PROPOSAL (RFP)**  
**FOR**

**SUPPLY OF MRS85/CR171 RAILS FOR SLC PROJECT**

**SPECIFICATIONS & PRICE SCHEDULE**

OWNER : INDIAN SPACE RESEARCH ORGANISATION  
PROJECT : SSLV LAUNCH COMPLEX (SLC)  
LOCATION : MADHAVANKURICHI VILLAGE-628206, OPP. TO  
KODAL NAGAR, THIRUCHENDUR TK, TUTICORIN  
DIST, TAMILNADU



**SSLV LAUNCH COMPLEX (SLC)**  
**SATISH DHAWAN SPACE CENTRE**  
**SRIHARIKOTA -524124.**

**INDIAN SPACE RESEARCH ORGANISATION**

SLC-RTS-001/2024	<b>SSLV LAUNCH COMPLEX (SLC) PROJECT</b>	SECTION: TITLE
	<b>RAIL TRACK SYSTEMS (RTS)</b>	SHEET 1 of 1

**REQUEST FOR PROPOSAL FOR RAIL TRACK SYSTEMS  
SPECIFICATIONS & ANNEXURES**

<b>SEC TION</b>	<b>SPECIFICATION NO: SLC-RTS-001/2024</b>	<b>ISSUE NO.</b>	<b>TITLE: REQUEST FOR PROPOSAL FOR SUPPLY OF MRS 85/CR171 RAILS</b>
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**SPECIFICATIONS**

A	SLC/RTS/SPEC	R0	GENERAL SPECIFICATION
B	SLC/RTS/SPEC	R0	TECHNICAL SPECIFICATION & SCOPE OF WORK
C	SLC/RTS/SPEC	R0	GENERAL LAYOUT & DRAWING

**ANNEXURES**

E1	SLC/RTS/SPEC	R0	SCHEDULE OF PRICES
E2	SLC/RTS/SPEC	R0	PRE QUALIFICATION CRITERIA
E3	SLC/RTS/SPEC	R0	SCHEDULE OF GENERAL PARTICULARS / VENDOR EVALUATION FORMAT
E4	SLC/RTS/SPEC	R0	SCHEDULE OF DEVIATIONS FROM SPECIFICATIONS
E5	SLC/RTS/SPEC	R0	SCHEDULE OF TIME FOR DESPATCH AND SHIPMENT TO SITE
E6	SLC/RTS/SPEC	R0	SCHEDULE OF BIDDERS EXPERIENCE
E7	SLC/RTS/SPEC	R0	CHECK LIST

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# SECTION –A

## GENERAL TERMS AND CONDITIONS OF THE CONTRACT

**PROPOSAL DOCUMENT, CLARIFICATION AND ADDENDUM**

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

***Only experienced Bidders who are qualifying in bid-qualification criteria given in Section E2 only should quote.***

The RFP document is organized in four sections as follows.

Section –A General Specification, Terms and Conditions of the Contract

Section –B Technical Specifications & Scope of work

Section –C General Layout & Drawing

Section- D Annexures E1 to E7.

**Title of the proposal:** *“Supply of MRS85/CR171 RAILS for SLC Project”.*

**A. PROPOSAL DOCUMENT**

1. Successful Bidder shall sign & stamp each page of the tender document (RFP) as token of his acceptance and submit the same.
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.
3. The proposal shall be completely filled in all respects and Bid shall be tendered together with requisite information & Annexure. Any offer incomplete in any particulars is liable to be rejected.
4. The Proposal (Unpriced Techno-commercial bid) with a complete set of the required documents shall be up-loaded in ISRO e-procurement website.
5. The Proposals shall be submitted on-line in ISRO e-procurement portal before the time limit for bid submission specified in the Letter Inviting Bid.
6. 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.
7. Bidders shall set their quotations in firm figures and without variations/additions in the terms of the Proposal documents.

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**8. 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 Sr. Head, Purchase & Stores of SDSC SHAR in writing.

**B. PREPARATION OF BIDS**

**1. VALIDITY OF OFFER**

Bid shall remain valid for acceptance for a minimum period of **120 days** from the due date of submission of the Bid. The Bidder shall not be entitled during the said period to revoke or revise his Bid or to vary the Bid except and to the extent required by SDSC SHAR in writing. Bid shall be revalidated for extended period as required by SDSC SHAR in writing. In such cases, unless otherwise specified, it is understood that validity is sought and provided without varying either the quoted price or any other terms & conditions of Bid finalized till that time.

**2. 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.

**3. 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.

**4. 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 authorized to enter into agreement on behalf of the Bidder. (Corrections / alteration, if any, shall also be signed by the same person).

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<p><b>5. SCHEDULE OF PRICES</b></p> <p>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 <b>Section E1</b>. Hard copy of Price bid shall not be sent strictly. If hard copy of price bid is received the bid will be summarily rejected. Price bid shall be filled in Price Bid form in e-procurement only. Price Bid annexures to be submitted in Price Bid supporting documents only and in e-procurement only. Price bid shall not be enclosed along with Technical &amp; Unpriced Commercial Bid in e-procurement/ hard copy.</p> <p>The applicable conversion rate can be TT selling rates prevailing on the date of its import/bill of entry but limited to the foreign currency payable to the Indian Party as per the Purchase Order/Contract.</p> <p><b>6. DOCUMENTS COMPRISING THE BID</b></p> <p>Bids shall be arranged in the following order.</p> <p><b>A. <u>Part – I: Technical and Unpriced Commercial Part</u></b></p> <p>Technical and unpriced commercial part shall comprise the attachments, specifying attachment number arranged in the order as follows:</p> <p>(a) Submission of bid letter.</p> <p>(b) Power of attorney in favour of authorized signatory of the bid / proposal documents.</p> <p>(c) All the annexure in <b>Section-E1 to E7</b> enclosed in proposal duly filled, signed and sealed (<b>E1</b> unpriced copies only).</p> <p>(d) Bid qualification criteria for supply of MRS85/CR171 rails and all supporting documents.</p> <p>(e) <b>Unpriced copy of</b> schedule of prices with all other commercial terms, taxes, duties, exemption certificates and conditions duly filled (<b>Prices to be kept blank</b>), signed and stamped. Bidder to clearly indicate “quoted” / “not quoted” against each sr.no in the price column in the unpriced schedule.</p> <p>(f) Audited balance sheet including profit and loss account for F.Y. 2020-21, 2021-22 &amp; 2022-23 showing annual turnover (*as applicable)</p> <p>(g) Copy of the Income Tax returns filed for F.Y. 2020-21, 2021-22 &amp; 2022-23 (*as applicable)</p>		
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(i) Bar chart for supply of rails full quantity within the time frame stipulated in the tender specification.

(j) Data sheets of MRS85/CR171 rails and any other relevant documents bidder desires to submit.

(k) List of items and quantities which require Customs duty exemption certificate (CDEC) from SDSC-SHAR.

**B. Part – II: Priced Commercial Bid**

Priced commercial bid shall be filled on line in the price bid format in e-procurement. Schedule of prices/ Annexures also to be filled and uploaded in price bid supporting documents in e-procurement portal only.

No deviations, terms and conditions, assumptions, conditions, discounts etc. shall be stipulated in price bid. Department will not take cognizance of any such statement and may at their discretion reject such bids.

**C. BID SUBMISSION**

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

**I. PART – I: UN PRICED TECHNO-COMMERCIAL PART OF THE BID FOR THE WORK**

Complete Techno–commercial part of the bid shall be filled online in the “vendor Specified Terms’ form of the e-tender. Any documents related (demand draft for tender fee), 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:

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<b>PART-I TECHNO-COMMERCIAL BID</b>	
<b>Name of client</b>	: <b>Satish Dhawan Space Centre SHAR</b> Indian Space Research Organisation
<b>Title of the proposal</b>	: <b>“Supply MRS85 / CR171 Rails ”</b>
<b>Tender Ref no:</b>	
<b>Due date and time of the opening</b>	: <b>DD/MM/YYYY</b>
<b>From (Name of the bidder with address)</b>	:
<b>To:</b>	
	<b>Sr. Head, Purchase &amp; Stores</b>
	<b>Satish Dhawan Space Centre</b>
	<b>SHAR</b>
	<b>ISRO, Dept. of Space</b>
	<b>Govt. of India</b>
	<b>Sriharikota – 524124,</b>
	<b>SPSR Nellore Dist,</b>
	<b>Andhra Pradesh, India</b>

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

## **II. 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 eProcurement website <https://eprocure.isro.gov.in>. 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.**

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<p>d. SDSC SHAR reserve rights to place order for either full quantities or partial quantities based on the unit rates available.</p> <p>e. Overall price including taxes only will be considered for L1.</p> <p>f. Unit rate for one lot of rails shall be indicated separately. The price quoted shall be on D.A.P. DESTINATION BASIS i.e., D.A.P Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tuticorin district, Tamilnadu - basis. Bidder is responsible to arrange all material handling equipment and manpower for loading, transportation, unloading at site. Hence, bidder has to consider all these overhead costs while submitting the quotation.</p> <p>g. Bidders/OEMs are advised to indicate all taxes explicitly in the price bid. if lump-sum cost is quoted, it will be presumed that quoted rates are inclusive of taxes &amp; duties and no claim in this regard will be entertained later.</p> <p><b><u>D. Vendor Evaluation Format</u></b></p> <p>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.</p> <p>All the vendors shall meet the pre-qualification criteria as per the <b>Section: E2</b>, and submit the documents supporting the pre-qualification criteria without which the offers will not be considered for evaluation.</p> <p>Schedule of particulars / vendor evaluation format shall be filled as per <b>Section: E3</b>. Schedule of Bidders experience and details of present works being executed are to be filled as per <b>Section: E6</b></p> <p><b>Note:</b> In order to consider as valid experience, all the experience has to be supported with the technical details, completion certificate and purchase order.</p>		
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<p><b><u>E. DETERMINATION OF RESPONSIVENESS</u></b></p> <p>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.</p> <p><b><u>BID EVALUATION</u></b></p> <ol style="list-style-type: none"> <li>I. During evaluation, SDSC SHAR may request Bidder for any clarification on the bid OR additional documents.</li> <li>II. Department will open Technical &amp; Commercial bid on the due date of opening Department reserves the right to reject any or all the bids without assigning any reasons thereof.</li> <li>III. Techno-commercial discussion shall be arranged with Bidder, if needed. Bidder shall depute his authorised representatives for attending discussions. The representatives attending the discussions shall produce authorisation from his organisation to attend the discussion and sign minutes of meeting on behalf of his organisation if required. The authorised representative must be competent and empowered to settle/decide on all technical and commercial issues.</li> <li>IV. Bidder must provide the point by point compliance to the technical specifications along with deviations as per “Schedule of deviations” attached in <b>section E4</b>. The tender will be rejected, if the deviations are not acceptable to the Department.</li> <li>V. Performance of Bidder in similar nature of works executed/ under execution shall be taken into consideration before selecting the Bidder for opening his price bid.</li> <li>VI. The time schedule for delivery of items is given in the Proposal document. Bidder is required to confirm the delivery period unconditionally.</li> <li>VII. 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.</li> <li>VIII. 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.</li> <li>IX. 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. Successful Bidder shall confirm acceptance by returning a signed copy of the LOI/PO.</li> </ol>		
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# GENERAL SPECIFICATION

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<p><b>1. INTRODUCTION</b></p> <p>SDSC SHAR invites for tenders in sealed covers from reputed firms with proven ability to “<i>Supply of MRS85/CR171 rails for SLC Project- Rail Track System</i>” as per the specifications</p> <p><b>2. SCOPE OF WORK AND TECHNICAL SPECIFICATIONS</b></p> <p>The detailed scope of work and technical specifications are given in Sections B, C &amp; D of RFP document. The general terms and conditions are given below.</p> <p><b>3. SUPPLIER'S OBLIGATIONS &amp; FUNCTIONS</b></p> <p><b>3.1.SPECIFICATIONS AND DRAWINGS</b></p> <p>The Supplier shall execute the works in compliance with the provisions of CONTRACT, good engineering practices and codes requirements.</p> <p><b>3.2.SUBMISSION OF TECHNICAL DOCUMENTS</b></p> <p>Supplier shall prepare and submit to SDSC SHAR for approval of following documents and drawings:</p> <p>3.2.1. Technical literatures, data sheets, specifications, Mill/material test certificates hardness test certificate of the rails to be supplied by them.</p> <p>3.2.2. Detailed delivery schedules</p> <p>3.2.3. Revised track layout and suggest suitable length of rails for curved portion of the rail track.</p> <p><b>3.3. SUPPLY OF RAILS</b></p> <p>Supplier shall carry out supply of the Rails in accordance with the scope, technical specifications and terms &amp; conditions of contract.</p> <p><b>3.4.DELIVERY</b></p> <p>3.4.1. Dispatch Instructions given in the Contract shall be strictly followed. Failure to comply with the instructions may result in delay in payment apart from imposing any other charges as may be deemed to fit.</p> <p>3.4.2. The Supplier shall be responsible for transporting all the rails to Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tutocorin, Tamilnadu- SLC site and unloading.</p> <p>3.4.3. Items shall not be delivered without obtaining dispatch clearance from Department.</p> <p>3.4.4. All the items shall be properly packed to avoid any damage during transportation / handling / storage and any damage found has to be replaced at free of cost.</p>		
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<p><b>4. TAXES AND DUTIES AS APPLICABLE</b></p> <p>4.1. It is the responsibility of the contractor to issue the Tax Invoice strictly as per the format prescribed under the relevant applicable GST law (CGST Act/SGST Act/UTGST Act/IGST Act). Contractor to indicate the proper GSTN Registration/ HSN code in their tax invoices.</p> <p>4.2. CGST/SGST/UTGST/IGST shall be paid at actuals against Tax Invoice but restricted to the amount and percentage in the contract.</p> <p>4.3. GST details of SDSC SHAR are given below  GSTIN: 37HYDF00385A1DZ  LEGAL NAME: SATISH DHAWAN SPACE CENTRE SHAR  VALIDITY FROM:06/10/2018  TYPE OF REGISTRATION: REGULAR</p> <p><b>5. FOREIGN EXCHANGE OUTGO AND VARIATION</b></p> <p>5.1. Bidder shall indicate the Foreign exchange component considered in their offer as per the Pro-forma provided in the Schedule of price. The foreign exchange component shall be included in the lump sum price quoted / unit rates quoted. The foreign exchange component shall be limited to the amount indicated.</p> <p>5.2. Foreign exchange rate prevailing on the date of payment shall be considered for adjustment of foreign exchange outgo / lump sum price over the base price and foreign exchange rate considered in the price bid / as indicated in the contract / purchase order against documentary evidence indicating the prevailing conversion rates for foreign currencies.</p> <p>5.3. For variation in foreign exchange rate for currency other than those indicated, the base exchange rate for such currency prevailing on the date of price bid / revised offer whichever is later subject to documentary evidence shall be considered.</p> <p>5.4. Foreign exchange rate variation shall be applicable for both plus and minus variation in rate based on actual payment during execution of work as per scheduled delivery dates indicated in the offer.</p> <p><b>6. STATUTORY VARIATION</b></p> <p>Statutory variation for CGST/SGST/UGST/IGST is applicable, provided the actual completion of services does not occur beyond the period stipulated in the order/contract</p>		
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<p>or any extension (without levy of penalty). For variation after the agreed completion periods, the service provider alone shall bear the impact for the upwards revisions. For downward revisions, the Department shall be given the benefit of reduction in CGST/SGST/UGST/IGST.</p> <p><b>7. CUSTOMS DUTY</b></p> <p>7.1. As per Notification No. 05/2018 CUSTOMS Dt. 25.01.2018 ISRO is eligible to pay reduced rate of Customs duty at 5% + Surcharge (10 % on CD) + 5% IGST ( on total value viz. basic cost + CD + Surcharge) (We will provide Customs Duty Exemption Certificate in case of Import Orders/ imported supplies/ High Sea Sales). This may be taken into account while considering the cost of import items, if any.</p> <p>7.2. 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.</p> <p><b>8. RISK COVERAGE</b></p> <p>The Supplier shall arrange comprehensive risk coverage at his own cost covering the value of items including transportation to the site from manufacturer's works, storage at site.</p> <p><b>9. SECURITY DEPOSIT</b></p> <p>9.1. The supplier, whose tender is accepted, will be required to furnish by way of security deposit for the due fulfilment of the contract such a sum as will amount to 3 % of the contract price of the work awarded.</p> <p>9.2. The security deposit (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.</p> <p>9.3. The supplier within 10 days of Purchase Order or signing of Contract, deposit the security deposit , FDR &amp; Insurance surety bonds etc., in favour of Accounts officer, Satish Dhawan Space Centre SHAR, Sriharikota as detailed above by any one or more of the following modes namely</p> <p>I. By a crossed demand draft in favour of Accounts officer, Satish Dhawan Space Centre SHAR drawn on SBI and payable at Sriharikota.</p>		
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<p>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 / scheduled bank for &amp; shall be valid for 60 days beyond completion period.</p> <p>9.4. In case of breach of contract, the Security deposit shall stand forfeited in addition to other relief available to the Department under this contract.</p> <p><b>10. PACKING AND FORWARDING:</b></p> <p>10.1. 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.</p> <p>10.2. 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.</p> <p><b>11. ARBITRATION</b></p> <p>The Contract shall be interpreted, construed and governed by the Laws in India. In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Work Package Order(s), such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Office of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre - Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be English only.</p> <p><b>12. APPLICABLE LAW AND JURISDICTION</b></p> <p>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.</p>		
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<p><b>13. FORCE MAJEURE</b></p> <p>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.</p> <p><b>14. GUARANTEES</b></p> <p>The Supplier shall guarantee that the items/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 <b>12 months</b> from the date of successful delivery &amp; acceptance by Department.</p> <p><b>15. WARRANTY</b></p> <p>The bidder shall provide <b>12 months'</b> warranty for the supplied MRS85/CR171 rails for a defect liability, after final official handing over at his cost. During this period, supplier has to provide and adhere to the following:</p> <p>15.1. Where defects in items are remedied under warranty, the period for which the warranty operates shall be extended by such period, as the items were not available to SDSC SHAR. Where defect items are replaced by new ones, the full warranty period stipulated in the purchase order shall apply to such replacement items as from the date of their delivery.</p> <p><b>16. SCHEDULE OF PRICE</b></p> <p>16.1. CONTRACT price shall include all costs of "Supply of MRS85/CR171 Rails" for Rail Track Systems of SLC Project", shop inspection, testing, packing, forwarding, transport to site, unloading at site, all risk coverage including any other cost etc., for execution of the CONTRACT.</p> <p>16.2. CONTRACT prices shall also include all travelling expenses, living expenses, salaries, overtime, benefit and any other compensation for engineers, supervisors, skilled, semiskilled workmen, watch and ward staff, labours and other staff employed by the Supplier for loading the items from port and un loading at department site, cost of tools and tackles, material handling equipment, required for delivery at Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk,</p>		
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<p>Tuticorin, Tamilnadu-SLC site and all taxes, duties, and levies as applicable on the date of submission of bid.</p> <p>16.3. Supplier shall quote the prices similar to price bid format enclosed as Section –E1.</p> <p>16.4. The contractor shall agree for addition / deletion of the quantities for the same quoted unit rates and such variation is limited to <math>\pm 5\%</math> of the ordered quantities.</p> <p>16.5. The rate quoted shall be on FOR Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tuticorin district, Tamilnadu, SLC site basis.</p> <p>16.6. The taxes applicable 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 &amp; duties and no claim in this regard will be entertained later.</p> <p><b>17. DISCOUNTS</b></p> <p>Tenderer shall not indicate any discount separately and quoted price should be after deducting the discount.</p> <p><b>18. TERMS OF PAYMENTS</b></p> <p>General guideline terms of payments are as indicted below. Any deviation to these payment terms to be brought out.</p> <p><b>18.1. FOR SUPPLY MRS 85/CR171 Rails</b></p> <p>a. Irrevocable LC will be opened for 90% of order value after receipt of items at department site i.e.,Madhavankurichi Village, opp. to Koodal Nagar- 628206, Thiruchendur Tk, Tuticorin district, Tamilnadu, India. Acknowledgement &amp; proforma invoice LC charges shall be to the respective bank accounts.</p> <p>b. Balance 10% of the order value will be paid by wire transfer after receipt &amp; acceptance of the items at our site by CLIP.</p> <p>c. In case of Indian vendors, 100% payment within 30 days after receipt and acceptance of the material at our site against submission of PBG. Please provide bank account details in your invoice to process payment through PFMS.</p> <p>Note: In case if one more LC to be opened, then the same can be opened based on your request. However, the LC charges inside and outside India shall be to your account.</p>		
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## 19. PERFORMANCE BANK GUARANTEE

19.1 The supplier shall guarantee for the performance of the equipment by providing bank guarantee in favour of the Department for an amount equivalent to **3 %** (ten percent) of the total value of this contract valid till the warranty period of the contract plus 3 months claim period.

19.2 The performance bank guarantee shall be submitted by the supplier with in **10** days from the date of placement of order/contract. Format for the performance bank guarantee shall be obtained from the Department.

## 20 DELIVERY SCHEDULE

The delivery of total quantity of rails within the schedule is very essential. Hence, bidders are requested to adhere to the schedules given below.

S. No	Description of Target	Responsibility	Target delivery Date	Delivery place
1	Purchase Order release	Dept.	T	DAP: SLC site,
2	Supply of total quantity ( <b>1 lot</b> ) of MRS85/CR171 Rails <b>1 lot of rails consists of</b> a. Straight rails (11.887m / 39ft) = 1426.44m length / 120 nos. b. Curved/bend rails with a mean radius of 300m (11.278m/37ft) = 315.784m length / 28 nos	Vendor	T + 12 months	Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tuticorin district, Tamilnadu, India

## 21 LIQUIDATED DAMAGES

In all cases, delivery schedules indicated in the Purchase Order/Contract is the essence of the contract and if the Bidder/OEM fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof the undelivered portion of the contract, subject to a maximum of 10% of total Purchase Order Value.

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**22 DISCLOSURE AND USE OF INFORMATION:**

- 22.1.1 If the documents supplied by SDSC SHAR are marked “**Strictly Confidential**”, supplier shall take all necessary steps to ensure the same.
- 22.1.2 Supplier shall guarantee that all information and data received during
- 22.1.3 No publicity of any kind whatsoever regarding this work shall be given without prior clearance from SDSC-SHAR.

**23 CANCELLATION**

**23.1 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.

**23.2 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 consultation 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.

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<p><b>23.3 WITH FAULT OF SUPPLIER:</b></p> <p>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.</p> <p>23.3.1 In the event of the Supplier's failure to meet</p> <ol style="list-style-type: none"> <li>I. The Technical requirements of the Supplier.</li> <li>II. The Progress and/or delivery requirements.</li> </ol> <p>23.3.2 If the Supplier has not observed the provisions of the contract concerning the disclosure and use of information provided by the Department.</p> <p>23.3.3 If the Supplier fails to comply with the provisions of the contract concerning the equipment, supplies and technical documents made available by the Department.</p> <p>23.3.4 If the Supplier transfers his contract without the Department's authorization or concludes sub-contracts against the Department's explicit directives.</p> <p>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.</p> <p>In the event of such cancellation, the Department shall unless otherwise specified in the contract, only pays.</p> <ul style="list-style-type: none"> <li>- 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.</li> <li>- 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.</li> </ul>		
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<p data-bbox="181 255 1414 338"><b>24 FRAUDULENT PRACTICES, BRIBERY AND CORRUPTION OF GOVERNMENT SERVANTS</b></p> <p data-bbox="181 367 1445 1554">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 shoe 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.</p> <div data-bbox="1398 2033 1492 2128" style="border: 1px solid black; padding: 2px; text-align: center;"> ISSUE P0 </div>		

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	<b>RAIL TRACK SYSTEMS (RTS)</b>	SHEET 20 OF 20
<b><u>PROJECT INFORMATION</u></b>		
1.0 Project Title	: SSLV Launch Complex (SLC)	
2.0 Location of Plant	: Madhavankurichi Village, opp. to Koodal Nagar-628206, Thiruchendur Tk, Tuticorin district, Tamilnadu, India	
3.0 Elevation	: 22.00 m	
4.0 Access to Site	: Road From Tiruchendur apprx. 25 km From Udangudi approx 10km Rail Tiruchendur 25 km	
5.0 Terrain	: Uneven with level varying significantly	
6.0 Climatic Conditions		
	a) Temperature b) Mean of daily max : 32.8 °C c) Mean of daily min : 22.6 °C d) Maximum Temperature : 40.6 °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 : 85%	
c) Rainfall	i. Annual average maximum : 680 mm	
7.0 Wind Load	Basic wind speed : 39 m/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		
a) Construction power :	415 V + 10%, 3 phase, 4 wire, 50 Hz + 5%, AC supply at one place. Further distribution by Bidder	
b) All devices shall be suitable for continuous operation over the entire range of voltage and frequency indicated below without change in their performance :		
c) AC supply : Voltage variation + 10% Frequency variation + 5% Combined voltage & Frequency variation: 10%		
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**SECTION-B**  
**TECHNICAL SPECIFICATION**

**1. Introduction:**

SSLV Launch Complex (SLC) project is being realized at “ Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tamilnadu, India” for launching the Small Satellite Launch Vehicle (SSLV) with a pay load capacity of 500kg to a 500km low earth orbit . SSLV will be integrated in Assembly building and then it is transported to launch pad over rail track system using bogie & hauler. Rail track connects the main integration building to launchpad. The bogie moves on a rail track system of MRS 85/ CR 171 rails over concrete foundation. Maximum weight of the payload to be hauled is about ~500 t. The rail track gauge is 6.5 m.

**2. Technical Specifications:**

Supply of MRS85 / CR171 rails suitable to layout mentioned (Ref fig-1) at Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tuticorin district, Tamilnadu.

Rails shall meet the following technical specifications:

- Rails to be supplied: MRS 85 / CR171 (84.83 kg/m or 171 lbs/yd)
- Specification to meet: As per ASTM A-759 -Specification for carbon steel rails
- Grade (110Cr-V): Tensile strength – 1080 MPa, Yield strength- 640MPa
- Head hardened to 320 BHN (minimum)
- Percentage of Elongation : 7% (Min)
- Ends: 3 nos. Ø30mm drilled bolt holes at ends for fixing fish plates (from rail end 4”,5” & 6” distances for joining the rails using fish plates)
- Tolerance on rail length : ± 50 mm
- Tolerance on weight: ± 5% per rail
- Each rail Length:~11.887m / 39 ft long for straight rails and 11.278 m for curved rails
- Mean radius of the Curved rails shall be 300 m.
- Mill’s inspection certificate (manufacturer’s test certificate) according to EN 10204 shall be submitted for each lot of rails.

**2.1 Quantity of rails as one lot as per the following:**

Quantity of rails are calculated based on the standard rail length of 11.887 m for straight rails and 11.278 m for curved rails. Following are the quantity of rails to be supplied as one lot.

- Straight rails = 1426.44m length / 120 nos.
- Curved rails = 315.784m length / 28 nos.
- Curved rail (with a mean radius of 300m) break-up:
- Inner rail -- 139.84 m length / 13 nos. of rails
- Outer rail – 142.9 m length / 13 nos. of rails  
(2 number considered as spare, total curved rails= 28 nos.)

**Note:**

For Curved rails, if length other than specified length is offered, vendor has to offer for quoted length and intimate the no. of rails.

**3 GENERAL TERMS AND CONDITIONS FOR SUPPLY OF RAILS**

3.1 Rails supplied shall be free from defects.

3.2 All supplied rails shall be marked with the name of manufacturer, date of manufacture and its size. In addition, curved rail segment shall be marked with its radius.

3.3 Items supplied will be inspected at our site after receipt and if any defect is noticed, party shall replace the same immediately at free of cost without waiting for defective consignment report.

3.4 Manufacturer's Material test certificates / Mill test certificate, hardness test certificate, Technical catalogue, source of origin certificate shall be issued.

3.5 Proper packaging and transportation of the item to SLC site, Madhavankurichi Village, opp. to Koodal Nagar, Thiruchendur Tk, Tuticorin district, Tamilnadu site is in the scope of supplier.

3.6 Warranty certificate for 12 months for supply of rails from the date supply & acceptance by the department against manufacturing defects shall be provided by the vendor.

# SCOPE OF WORK

**1. ESTIMATED TOTAL QUANTITY**

The estimated quantity of the rails for straight & curved portion of the rail track system is as per the layout . The vendor shall agree for addition / deletion of the quantities for the same quoted unit rates and such variation is limited to  $\pm 5\%$  of the ordered quantities. Offer shall be valid for  $\pm 5\%$  of the order value also. However, payment will be made based on the final supplied & cleared items only.

Note:

- Vendor has to confirm that the curved rail length will be 11.278 m (37 feet). If any other length is proposed by the bidder, total length of curved rails shall be meeting the layout requirements. Number of curved rails shall be clearly spelt-out in the bid.
- Vendor has to review the rail track layout drawing and suggest modifications in the lay out drawing for meeting the requirement.

**2. SPECIFIC REQUIREMENTS / INSTRUCTIONS TO BIDDERS****2.1. BIDDER'S OFFER**

2.2. In case of any deviations from the technical specifications, the bidder shall indicate the same in schedule of deviations. If no deviations are listed in the schedule of deviations, it shall be considered that the bidder complies in total with the technical specifications. Any deviations indicated elsewhere other than schedule of deviations in the offer will not be accepted.

2.3. BIDDER is advised to quote for the complete scope and partial response will not be entertained. In case of few items which do not directly fall under BIDDER's manufacturing range and / or not available from indigenous source, BIDDER should take the responsibility upon themselves to arrange to procure them and supply to ensure that their offer is complete in all respects.

**3. INSPECTION :**

3.1 Visual & dimensional inspection of rails will be carried out at department site after receipt.

3.2 OEM material test certificates/ Mills inspection certificate of rails, hardness test certificates, revised rail track lay out sketch etc., will be inspected and reviewed at department site after receipt of items.

**4. TENDER EVALUATION AND PENALTY FACTOR****4.1. TENDER EVALUATION**

The BIDDER shall comply with all systems / parameters specified in section A,B,C and ANNEXURE E1 TO E7

4.2. Deviation from the specifications, if acceptable to the PURCHASER insofar as practicable will be converted to rupee value and added to the bid price to compensate for the deviation from the specification. In determining the rupee value of the deviations, the PURCHASER will use the parameters consistent with those specific in the documents and specifications and other information as necessary and available to the PURCHASER.

**5. DATA TO BE FURNISHED ALONG WITH BID AND AFTER AWARD OF CONTRACT**

The BIDDER shall ensure the following documentation are prepared and submitted to PURCHASER for his review / record.

**ALONG WITH BID**

- 5.1 Description of the item offered along with catalogues, drawings, Mill / Manufacturer's material test certificates, revised rail track lay out sketch etc., along with deviations from Technical Specification and proposed Design modifications if any.
- 5.2 All data sheets of the tender specification, duly filled in as applicable.
- 5.3 Delivery schedule of the items within the time frame stipulated in the tender specification.
- 5.4 All annexures E's duly filled in.

**SECTION - C**

**General Rail Track Layout & Drawings**

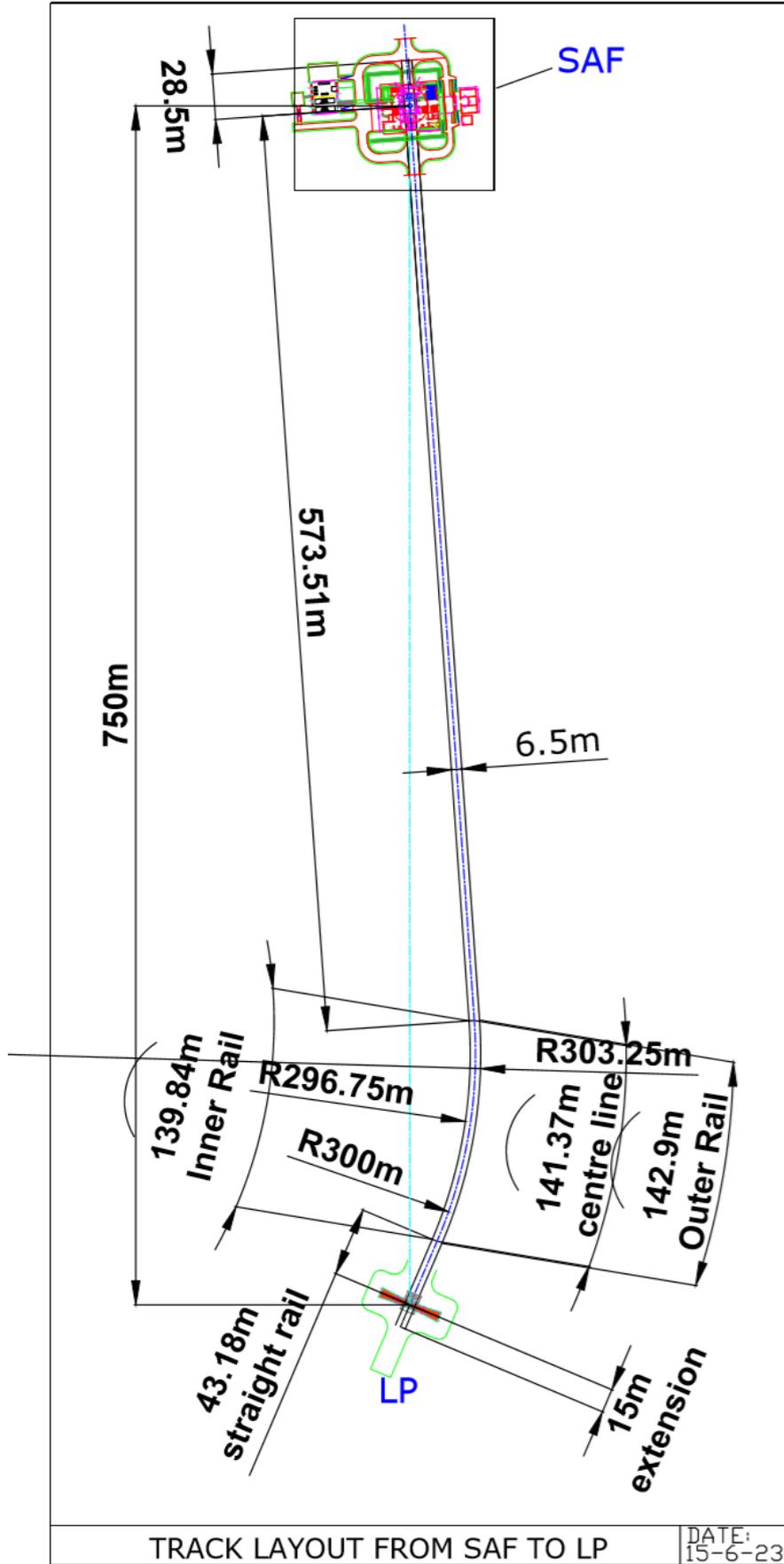
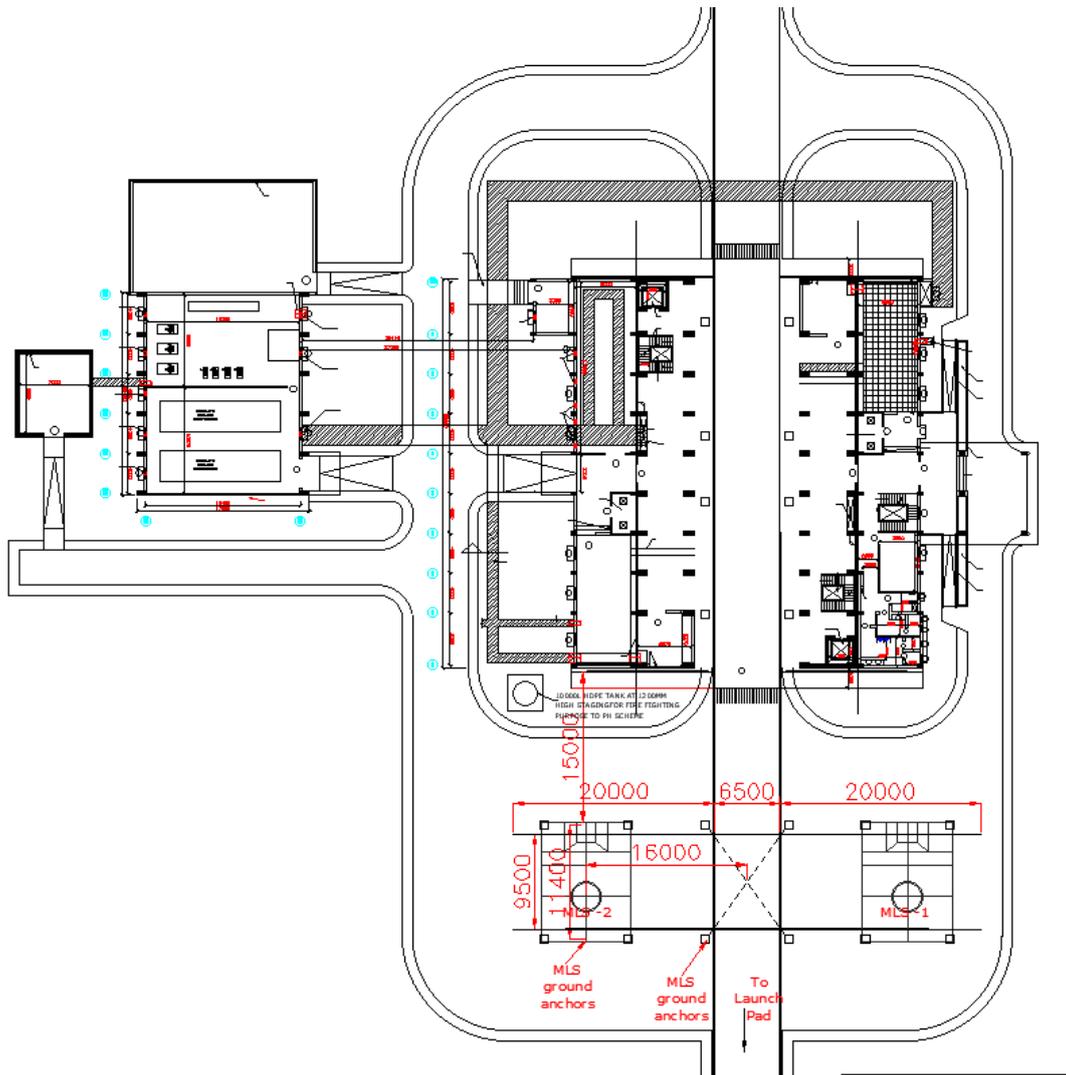


Fig 1: Details of Rail track system layout



**Fig-2: Cross track details at SAF of SLC**

Quantity break up for rails (1 lot)

1	Straight rail	$(28.5m+573.51m+43.18m) \times 2 = 1290.38m$ (~109 nos.)	Standard straight rail each <b>11.887m / 39 feet long</b>
2	Straight rail spare for loop track at SAF	136m (~ 11 nos.)	
	<b>Total straight rail</b>	<b>1426.44m length / 120 nos</b>	
3	Curved rails with mean radius of 300m	$142.9m+142.9m = 285.8m$ (~26 nos)	Curved/ bend rail each <b>11.278m long / 37 feet</b>
4	Curved rail spare	22.556m ( 2 nos)	
	<b>Total curved rail</b>	<b>315.784 / 28 nos</b>	

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	<b>RAIL TRACK SYSTEM</b>	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. RAILS shall be supplied 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 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 manufacturing, revision of drawings, packing & forwarding supply, transportation, loading, unloading, inspection of RAILS for SLC Project at vendor and purchaser site inclusive of all taxes and duties as applicable indicated in the price bid.
5. Total price towards Supply of rails shall be indicated in the price bid (Table-1) and shall be firm and fixed. Same unit rates are also applicable for the quantity variation of  $\pm 5\%$  also.
6. SDSC SHAR reserves right to place order in full or part of the scope.

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	<b>RAIL TRACK SYSTEM</b>	SHEET 2 OF 2

**Table-1**

Sl. No	Item	Unit	Qty.	Unit Cost (in `)	Total Cost	Taxes	Landing Cost (in `)
1	Supply of Rails: MRS 85/ CR 171 in 11.887m / 39 ft length for straight rails, 11.278m/37ft for curved rails as standard length  <ul style="list-style-type: none"> <li>•Straight rails = 1426.44 m length / 120 nos.</li> <li>•Curved rails = 315.784 m length / 28 nos.</li> </ul>	lot	1 lot				

Break up of taxes:

- 1) Packing & forwarding charges
- 2) Transportation charges from OEM works to Tuticorin port (As per Inco terms)
- 3) Customs duty (Customs duty exemption certificate will be issued by department)
- 4) Other Clearance charges at port if any applicable
- 5) Loading, transportation and unloading at SLC site office, Madhavankurichi village-628206, opp. to Koodal Nagar, Thiruchendur tk, Tuticorin dist, Tamilnadu

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

DATE \_\_\_\_\_

SEAL OF THE COMPANY

SLC-RTS-001/2024	<b>SSLV LAUNCH COMPLEX (SLC)</b>	ANNEXURE-E2
	<b>RAIL TRACK</b>	SHEET 1 OF 2

### **PRE-QUALIFICATION CRITERIA**

Bidders shall meet the following pre-qualification criteria. Offer of the bidders which are not meeting the following criteria will not be considered for evaluation.

#### **A. Technical Qualification Requirements**

The bidder shall meet the following technical qualifying requirements and shall submit relevant certificates to establish his credentials.

1. Bidder shall be an organization with minimum 5 years' experience in having manufacturing (or) supply of industrial crane rails.
2. The firm shall have successfully completed delivery of supply of industrial crane rails  $\geq$  500m from last 5 years (upto tender due date)
3. Bidders have to provide relevant certificates along with the Techno-Commercial Bid.

#### **B. Financial Qualification Requirements**

1. The Bidder's Average Annual Financial Turnover for last three years ending by 31.03.2023, shall be not less than Rs.165 Lakhs.
2. During Last 5 Years (upto tender due date), the bidders should have successfully completed delivery of industrial crane rails (multiple orders) of value not less than Rs.130 Lakhs

#### **C. Documents to be submitted along with the bid submission**

1. Firm establishment certificate and nature of work.
2. Satisfactory work completion certificates from the clients, list of work order copies (for SI. No. 2 of A & SI.No. B of 2)
3. The Bidders should have PAN, GST Registration Number (\*as applicable)
4. The Bidders shall submit Profit & Loss Accounts, Balance Sheets duly Certified by the auditor and IT returns for the last three financial years with acknowledgement from IT Department. Necessary documents shall be submitted (\* as applicable).
5. IT/ TDS certificate shall be submitted for last three years ending by 31.03.2023 (\*as applicable)

SLC-RTS-001/2024	<b>SSLV LAUNCH COMPLEX (SLC)</b>	ANNEXURE-E2
	<b>RAIL TRACK</b>	SHEET 2 OF 2

#### **D. 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. Scrutiny of all technical specification and supply conditions mentioned in techno-commercial bid.

**SCHEDULE OF GENERAL PARTICULARS / VENDOR EVALUATION FORMAT**

S.n	Name of the Bidder / Manufacturer	:	
1	Address of the Bidder / Manufacturer	:	
2	Type of Company Proprietary/Pvt.Ltd/ Public Ltd / Joint Venture)		
3	Registration number		
4	Year of inception of the company		
5	Registered address		
6	Name & address of the office of the Chief Executive of the company		
7	Name & Designation of the officer of the Bidder to whom all correspondence shall be made for expeditious technical/ commercial co-ordination.		
8	Telephone number Fax number E-mail address		
9	Locations of the Branches of Company (if any)		
10	Annual turn-over of the company		
11	IT returns for the last 3 years (as applicable)		
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 (* as applicable)		
16	The Profit & Loss Account details for the last 3 years which is duly audited and Submitted as part of the Annual Report (* as applicable)		
17	Orders executed of for supply of rails $\geq 500m$ and orders value $\geq Rs.130$ Lakhs references/ documents are to be mentioned. (Separate sheet can be attached).		
18	Bid validity period (Min. 120 days from date of bid opening)		
19	DELIVERY SCHEDULE: 12 months		

SIGNATURE : \_\_\_\_\_

NAME : \_\_\_\_\_

SEAL OF THE COMPANY

DESIGNATION : \_\_\_\_\_

COMPANY : \_\_\_\_\_

DATE: \_\_\_\_\_

**EXCEPTIONS AND DEVIATIONS**

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

Sl.no	Reference in Specification	Dept. Specification	Offered specification	Deviation

**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: \_\_\_\_\_

DATE \_\_\_\_\_

SEAL OF THE COMPANY

SLC-RTS-001/2024	<b>SSLV LAUNCH COMPLEX (SLC) PROJECT</b>	ANNEXURE – E5
	<b>RAIL TRACK SYSTEMS (RTS)</b>	SHEET 1 OF 1

**SCHEDULE OF TIME FOR DELIVERY AND SHIPMENT TO :  
MADHAVANKURICHI VILLAGE-628206, OPP. TO KOODAL NAGAR,  
THIRUCHENDUR TK, TUTICORIN DIST, TAMILNADU, INDIA**

<b>Equipment</b>	<b>Time for manufacture from date of LOI / PO</b>	<b>Time for packing and ready for despatch from Works</b>	<b>Time for shipment to site</b>	<b>Deviation if any</b>	<b>Total time from date of LOI / PO to shipment to site.</b>
<b>MRS85/CR171 rails</b>					

The Bidder hereby undertakes to meet the above time schedule from the date of LOI / PO

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

DATE \_\_\_\_\_

SEAL OF THE COMPANY

SLC-RTS-001/2024	<b>SSLV LAUNCH COMPLEX (SLC) PROJECT</b>	ANNEXURE-E6
	<b>RAIL TRACK SYSTEMS (RTS)</b>	SHEET 1 OF 1

### SCHEDULE OF BIDDERS EXPERIENCE

The bidder shall furnish here under a list of 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	Scope of services	Contract price (Rs)	Schedule date of completion	Actual date of completion	Reasons for delay in completion if applicable	REMARKS

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

DATE: \_\_\_\_\_

SEAL OF THE COMPANY

**CHECKLIST**

S.NO	DESCRIPTION	RESPONSE BY SUPPLIER
1	All documents related to Prequalification criteria mention in Section E2 have been met and all related documents are enclosed in technical Bid	Yes / No
3	The detailed scope of work and technical specifications are understood and price was quoted accordingly.	Yes / No
4	Confirmation that the quoted prices are firm and fixed till the completion of scope of work (supply of rails) & also for quantity variation $\pm 5\%$	Yes / No
5	Validity of Offer is 120 days (minimum).	Yes / No
6	Vendor Evaluation format is attached.	Yes/No
7	GST at the prevailing rates for (If not mentioned it will be assumed that the price quoted are inclusive of taxes)-- * As applicable	Yes / No
8	Delivery Schedule 12 months from date of release of purchase order	Yes / No
9	Accepted the Department Payment Terms	Yes / No
10	Are General terms and Conditions of Contract for Supply of rails included in proposal acceptable?	Yes / No
11	If not acceptable, are the deviations brought out in the "Schedule of Deviations"	Yes / No
12	Are there any deviations from enquiry technical specifications?	Yes / No
13	If there are technical deviations, are these filled in "Schedule of Deviations from Tech. Specifications"?	Yes / No
14	Warranty for the supply of MRS85/CR171 rails as 12 months against manufacturing defects.	Yes / No
15	3% of the Order Value shall be submitted as Security Deposit for the performance of the contract along with acceptance of order letter, which is valid till acceptance of the system.	Yes / No
16	3% of the Order Value shall be submitted as Performance Bank Guarantee, which is valid till completion of the warranty period plus 3 months claim period.	Yes / No
17	Liquidated Damages (Ref. Clause 22 of Section A.) are acceptable	Yes / No
18	Audited financial results are enclosed (* as applicable )	Yes / No
19	Registration certificate of the company is enclosed	Yes / No
20	All the forms in Annexures E1 to E7 are filled	Yes / No
21	Technical documents / drawings of the rails are attached along with technical bid (Ref. Clause 3 of Section B)	Yes / No
22	Annexure E1 unpriced copy enclosed along with technical-unpriced bid.	Yes / No
23	Annexure Priced Bid Format (E1) filled in e-procurement Price Bid form only.	Yes / No

SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_

DESIGNATION: \_\_\_\_\_

DATE \_\_\_\_\_

SEAL OF THE COMPANY