

भारत सरकार  
अंतरिक्ष विभाग  
सतीश धवन अंतरिक्ष केंद्र शार  
श्रीहरिकोटा रेज डा.ध. 524 124  
श्री पोष्ट श्रीराम्पुरु नेल्लूर जिला, आं.प्र., भारत  
दूरभाष : +91-8623 245060 (6 जं)  
फैक्स : +91-8623 222099  
निविदा सूचना सं. TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/RO-VALF/03/2026



Goverment of India  
Department of Space  
Satish Dhawan Space Centre SHAR  
Shriharikota Range P.O. 524 124  
SPSR Nellore Dist., AP, India  
Telephone : +91-8623 245060 (6 Lines)  
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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. SI No	संदर्भ सं. Ref. No.	विवरण Description	मात्रा Qty.
01.	SDSC SHAR /VALF PURCHASE /VALF/ 2025001778 [Public Tender - Two Part]	Fabrication, Supply & Erection of Gantry Girder & Structural Platform	01 Lot.
02.	SDSC SHAR /VALF PURCHASE /VALF/ 2025001681 [Public Tender - Two Part]	Supply of Oil Free Compressors for Breathing Air Application	03 Nos.
03	SDSC SHAR /VALF PURCHASE /VALF/ 2026000053 [Public Tender - Two Part]	Supply of grout materials and Erection ,Testing and Commissioning of 1700 m length of MRS 85 Rail track system	01 Lot.

निविदा दस्तावेजों को डाउनलोड करने की अंतिम तिथि Last Date for downloading of tender documents : 23.02.2026 at 16:00 hrs.  
ऑनलाइन निविदा जमा करने की अंतिम तिथि Due Date for submission of bids online : 23.02.2026 at 16:30 hrs.  
निविदाएं खोलने की नियत तिथि Due Date for opening of tenders : 24.02.2026 at 10:00 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 शर्तें इत्यादि के लिए संलग्न अनुलग्नक 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-प्रोक्रुरमेंट [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-प्रोक्रुरमेंट 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 23.02.2026 को 16:00 बजे तक डाउनलोड करने के लिए उपलब्ध रहेंगे तथा निविदा ऑनलाइन जमा करने की अंतिम तिथि 23.02.2026 को 16:30 बजे तक है। निविदाएं दिनांक 24.02.2026 को 10:00 बजे खोली जाएंगी। / The tender documents are available for download upto 23.02.2026 at 16:00 hrs. and last date for submission of tenders on line 23.02.2026 at 16:30 hrs. and Tender Opening on 24.02.2026 at 10:00 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 /27012026/BG8YKZFPDLJ, /09012026/TQVVJAMSOY0B, /20012026/0WAADI6DZ46M

दिनांक DT: 30.01.2026

भारतीय अंतरिक्ष अनुसंधान संगठन



वरि. प्रधान क्रय एवं भंडार  
Sr. HEAD PURCHASE AND STORES  
Indian Space Research Organisation

**Tender for Rail erection and commissioning contract for SLC site**

**Bids to be submitted online**

**Tender No.: SDSC SHAR/VALF PURCHASE/SH202600005301 dated 03-02-2026**

## **A. Tender Details**

Tender No :	<b>SDSC SHAR/VALF PURCHASE/SH202600005301</b>
Tender Date :	<b>03-02-2026</b>
Tender Classification:	<b>SERVICES</b>
Purchase Entity :	<b>VALF PURCHASE</b>
Centre :	<b>SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA (SDSC SHAR)</b>

### **Rail erection and commissioning contract for SLC site**

GEm/GARPTS/20012026/0WAADI6DZ46M

As per tender documents'

#### **A.1 Tender Schedule**

Tender Publish Date :	<b>03-02-2026 18:00</b>
Bid Clarification Due Date :	<b>17-02-2026 10:00</b>
Bid Submission Start Date :	<b>03-02-2026 18:05</b>
Bid Submission Due Date :	<b>23-02-2026 16:30</b>
Bid Opening Date :	<b>24-02-2026 10:00</b>
Price Bid Opening Date :	<b>16-03-2026 10:00</b>

#### **A.2 Pre-bid Meeting Details**

Date :	<b>10-02-2026 14:30</b>
Place :	<b>PPEG Conference Hall, SDSC SHAR SRIHARIKOTA</b>
Location :	<b>SHAR SRIHARIKOTA- 524124 SHAR PROJECT</b>

**Centre :**

**SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA  
(SDSC SHAR), NELLORE, ANDHRA PRADESH**

**Details :**

**The meeting shall be conducted online/offline mode on 10.02.2026 at 14:30 Hrs. Bidders are requested to send their request to participate in the pre-bid meeting on or before 09.02.2025 to the following e-mail along with mode of participation (Online/Offline):**

**psovalf@shar.gov.in; sselvan@shar.gov.in**

## **B. Tender Attachments**

NA

### **Instructions To Vendors**

#### **1. 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.

#### **2. STANDARD TERMS & CONDITIONS**

1. 1. OUR GST NUMBER: 37HYDF00385A1DZ- SDSC SHAR SRIHARIKOTA

2.Email for communication: psovalf(at)shar.gov.in

3.Instruction to Indigenous Suppliers:

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

acceptance in your quotation.

**B) 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 plus 15 percent 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 percent of the total tendered value. In case of more than one such eligible MSE, the supply will be shared equally.

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

Interested vendors shall specifically claim the benefit with supporting documents.

**C) 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 percent. 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 Rupees 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.

**D) Instruction to Foreign Suppliers-(if allowed as per RFP)**

- 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 namely, hay, straw, wood shavings, wood chips, saw dust, wood waste, wooden pallets, Dunn age Mats, wooden packages, coir pith, peat or sphagnum moss etcetera, will be allowed entry by Customs only with a Phytosanitary Certificate. In case of 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 number 50 - 2017 Customs dated 30.06.2017, Serial Number 539(A) as amended by Notification number 05 - 2018 dated 25.01.2018 and vide Notification No.05-2025 dt.01.02.2025 and 45-2025 dtd 24.10.2025. In case the quote is on Indian Rupee (Outside High Sea Sale), the price shall include taxes and duties if any. We shall not be 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 number 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.

#### E) Common terms to Indigenous and foreign suppliers:

##### a. Warranty

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

##### b. Performance Bank Guarantee

Towards the performance of the systems during the warranty period you shall submit a performance bank guarantee equivalent to 3 percent 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.

##### c. Security Deposit

On acceptance of the order, you shall submit an interest free amount equivalent to 3 percent 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.

#### 4. 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 your offer validity is less than the mentioned above, the said offer is liable for rejection which may please be noted.

#### 5. Liquidated Damages:

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

## 6.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 and War, stoppage of deliveries by the Government, freight embargoes etcetera; 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.

Note:

- I.Offers received through post, courier, fax or email will not be considered.
- II.Techical 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.
- III.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.
- IV.SDSC SHAR shall have the right to place part order among the parties for the items for which they are the lowest.

V.TERMS AND CONDITIONS IN THE RFP SHALL PREVAIL OVER OTHER TERMS AND CONDITIONS(in case of any contradiction or ambiguity)

### **3. 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, psovalf@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 - Rail erection and commissioning contract for SLC site

**1. Erection and Commissioning: Supply of grout materials and erection ,testing and commissioning of 1700 m length of MRS 85 Rail track system (including supply and erection of track change over system) at SLC site as per RFP document.**

**Item specifications for Erection and Commissioning: Supply of grout materials and erection ,testing and commissioning of 1700 m length of MRS 85 Rail track system (including supply and erection of track change over system) at SLC site as per RFP document.**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Erection and Commissioning	As per attached RFP document and drawings	Yes / No / Explain		

**Document : Final RFP for Rail Erection Contract**

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

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	General specifications	as per attached RFP document	Yes / No / Explain		

#### Supporting Documents required from Vendor

- 1. As per attached RFP document**
- 2. Power of attorney in favour of authorised signatory of the bid / proposal documents.**
- 3. All the annexure in Section-C1 to C7 enclosed in proposal duly filled, signed and sealed**
- 4. Bid qualification criteria and all supporting documents.**
- 5. Write-up on the detailed procedure to be followed for rail erection**
- 6. Audited balance sheet for last three FY**

**7. solvency certificate from a scheduled bank for a value not less than 50 lakhs. not older than six months from the date of bid opening schedule.**

**8. Data sheets for all the equipment & checklists enclosed in proposal duly filled, signed & stamped.**

**9. Technical literature & data sheets of equipment / machinery.**

**10. Project execution plan**

**11. UDYAM Certificate in claiming MSE (Service) Purchase preference**

**12. Self-certification indicating percentage of local content and location of value addition under MII policy.**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	As per guidelines mentioned in the RFP document	Yes / No / Explain	
2	HSN/SAC code shall be indicated for each item and accordingly mention the GST Rate applicable as per prevailing guidelines.	Yes / No / Explain	
3	Please confirm here whether your quoted "UNIT PRICE" in our Price Bid is EXCLUDING GST or INCLUDING GST. ----- NOTE: If you are not clearly stating "GST is Inclusive OR Extra in basic cost" it will be treated as "GST is included in the quoted Basic/Unit cost in the price bid". Your offer will be evaluated as INCLUSIVE OF GST.	Yes / No / Explain	
4	Delivery Term FOR : SLC PROJECT SITE MADHAVANKURICHI (MANDATORY)	Yes / No / Explain	
5	Delivery Period required for delivery of the items/completion of total scope of work: 29 weeks as detailed in RFP.	Yes / No / Explain	
6	Payment Term 100% payment shall be made through RTGS within 30 days of satisfactory completion of erection and commissioning of the item at our site as detailed in RFP	Yes / No / Explain	
7	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	
8	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	

9	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	
10	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	
11	The bidder shall provide compliance to Order No. F.No.7/10/2021 PPD dated 23.02.2023 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	
12	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	

	<p>Make-In-India (MII) Clause: Provisions contained in Public Procurement Policy (Preference to Make in India), Order 2017 issued by DPIIT vide OM No. P-45021/2/2017-PP(BE-II) dated 16.09.2020 &amp; directives related including latest amendments (if any) is applicable for this tender.</p> <p>You are requested to provide Self Declaration Certificate that the offered Item meets Local Content Requirement of Class 1 or Class 2 as per Make in India(MII) Policy, clearly indicating the Percentage of local content &amp; the details of Location(s) at which value addition is made in the offered product.</p> <p>It may be noted that Local Content shall not include services such as Transportation, Insurance, Installation, Commissioning, Training and after sales service support like AMC/CMC etc.</p>	Yes / No / Explain	
14	<p>Please mention in PERCENTAGE the Value addition of offered products happened in INDIA in line with Make In India Policy. (Mandatory). You have to upload MII Deceleration mentioning place and percentage of value addition along with Offer.</p>	Yes / No / Explain	

15	<p>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.</p>	Yes / No / Explain	
16	<p>Are you claiming MSME Preference for this tendered item/service?</p> <p>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	
17	<p>Please Select for the offered Product whether you are:</p> <p>(1) Manufacturer (2) Authorized Agent (3) Distributor (4) Dealer (5) Reseller (6) Others</p>	Yes / No / Explain	

18	<p><b>ARBITRATION:-</b> The Contract/PO 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 Contract/PO, 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
19	<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
20	Address on which PO is to be placed and GSTIN	-
21	Please provide valid/currently using E-mail Id & Contact no. for seeking further clarifications if any	-
22	Remarks if any.	Yes / No / Explain

23	Please note that all the bidders have to comply all qualification criteria including turnover and experience provision. No relaxation shall be given to any category of the bidder.	Yes / No / Explain	
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### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	P&F IN PERCENTAGE	FREIGHT PERCENTAGE	Remark
1	Erection and Commissioning: Supply of grout materials and erection ,testing and commissioning of 1700 m length of MRS 85 Rail track system (including supply and erection of track change over system) at SLC site as per RFP document.	1.00 Lot		-				

SPEC: SLC-RAIL ERECTION-01	SSLV LAUNCH COMPLEX (SLC) RAIL ERECTION CONTRACT	SECTION: TITLE SHEET 1 OF 2
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INDENT NO: SDSC SHAR/ VALF PURCHASE/VALF/202600053

**RAIL ERECTION CONTRACT FOR SLC PROJECT**

**SPECIFICATIONS & PRICE SCHEDULE**

OWNER : INDIAN SPACE RESEARCH ORGANISATION

PROJECT : SSLV LAUNCH COMPLEX (SLC)

LOCATION : **SSLV PROJECT OFFICE, SURVEY NO. 260-3C,  
MADHAVANKURICHI VILLAGE – 628206, OPP. TO  
KOODAL NAGAR, THIRUCHENDUR TK., TUTICORIN  
DIST., TAMILNADU**



**SSLV LAUNCH COMPLEX (SLC)  
SATISH DHAWAN SPACE CENTRE  
SRIHARIKOTA -524124  
INDIAN SPACE RESEARCH ORGANISATION**

ISSUE  
R0

RAIL ERECTION CONTRACT SPECIFICATIONS & ANNEXURES			
SECTION	SPECIFICATION NO:	ISSUE NO.	TITLE: RAIL ERECTION CONTRACT SPECIFICATIONS DOCUMENT
<b>SPECIFICATIONS</b>			
A1	SPEC: SLC- RAIL ERECTION -01	R0	General Terms and Conditions of the Contract
A2	SPEC: SLC- RAIL ERECTION -01	R0	General Specifications & Project information
B1	SPEC: SLC- RAIL ERECTION -01	R0	Scope of work & Technical Specifications
<b>ANNEXURES</b>			
C1	SPEC: SLC- RAIL ERECTION -01	R0	Schedule of prices & general particulars
C2	SPEC: SLC- RAIL ERECTION -01	R0	Bid qualification criteria for Rail erection contract
C3	SPEC: SLC- RAIL ERECTION -01	R0	Schedule for general particulars / vendor evaluation format
C4	SPEC: SLC- RAIL ERECTION -01	R0	Exceptions and deviations
C5	SPEC: SLC- RAIL ERECTION -01	R0	Schedule of bidder's experience
C6	SPEC: SLC- RAIL ERECTION -01	R0	Data to be filled along with the bid for Rail erection contract
C7	SPEC: SLC- RAIL ERECTION -01	R0	Check list

ENCLOSURES				
SR.NO	DRAWING TITLE	DRAWING NUMBER	Version	SHEET
1.	Track Layout from SAF to LP	SLC/TRACK LENGTH/01	R0	1 OF 1
2.	Axel Turning System	SLC/AXEL TURNING/TRACK/01	R0	1 OF 2
3.	Axel Turning System	SLC/AXEL TURNING/TRACK/01	R0	2 OF 2

SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX <b>RAIL ERECTION CONTRACT</b>	SECTION: A1 SHEET : 1 OF 7
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## **SECTION –A1**

### **GENERAL TERMS AND CONDITIONS OF THE CONTRACT**

SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX <b>RAIL ERECTION CONTRACT</b>	SECTION: A1 SHEET : 2 OF 7
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## **PROPOSAL DOCUMENT, CLARIFICATION AND ADDENDUM**

Quotations are invited from the interested bidders for the enclosed scope of work in two-part bid.

Part-1: Technical & unpriced part of the work and Part-2: Priced commercial part.

***Only experienced Bidders who are qualifying in bid-qualification criteria given in Section C2 only should quote.***

The RFP document is organized in three sections as follows.

Section –A 1: General Terms and Conditions of the Contract

Section –A 2: General Specifications & Project information

Section –B1: Scope of work & Technical Specifications.

Section- C1 to C7: Annexures.

**Title of the proposal: “RAIL ERECTION CONTRACT FOR SLC PROJECT FOR SLC”**

**at**

**“SSLV PROJECT OFFICE, SURVEY NO. 260-3C, MADHAVANKURICHI VILLAGE – 628206, OPP. TO KOODAL NAGAR, THIRUCHENDUR TK., TUTICORIN DIST., TAMILNADU”**

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

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

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

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

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

SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX	SECTION: A1 SHEET : 3 OF 7
	<b>RAIL ERECTION CONTRACT</b>	

## **1. PROPOSAL DOCUMENT**

- 1.1. Bidder shall sign & stamp each page of the tender document (RFP) as token of his acceptance and submit the same before order placement.
- 1.2. Proposal documents shall remain the property of SDSC SHAR and shall not be used for any another purpose without the consent of SDSC SHAR.
- 1.3. The proposal shall be completely filled in all respects and shall be tendered together with requisite information & Annexure. Any offer incomplete in any particulars is liable to be rejected.
- 1.4. The Proposal (Unpriced Techno-commercial bid) with a complete set of the required documents shall be up-loaded in ISRO e-procurement website.
- 1.5. The Proposals shall be submitted on-line before the time limit for bid submission specified in the Letter Inviting Bid.
- 1.6. Supplier shall submit the open authorisation online with in the time limit specified in the Letter Inviting bid.
- 1.7. The Proposal will be opened on the date and on the time specified in the Letter Inviting Bid or as soon thereafter as convenient. Proposal not received in time will not be considered.
- 1.8. Bidders shall set their quotations in firm figures and without variations/additions in the terms of the Proposal documents.

### **1.9. AMBIGUITY**

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

## **2. PREPARATION OF BIDS**

### **2.1 SITE VISIT**

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

### **2.2 VALIDITY OF OFFER**

Bid shall remain valid for acceptance for a minimum period of 4 (four) months from the due date of submission of the Bid. The Bidder shall not be entitled during the said period to revoke or revise his Bid or to vary the Bid except and to the extent required by SDSC SHAR in writing. Bid shall be revalidated for extended period as required by SDSC SHAR in writing. In such cases, unless otherwise specified, it is understood

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that validity is sought and provided without varying either the quoted price or any other terms & conditions of Bid finalized till that time.

#### 2.3 COST OF BIDDING

All direct and indirect costs associated with the preparation and submission of bid 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.

#### 2.4 APPLICABLE LANGUAGE/ MEASUREMENTS

The bid and all correspondence incidentals to and concerning the bid shall be in the English Language. For supporting document and printing literature submitted in any other language, an accurate English Translation shall also be submitted. Responsibility for correctness in translation shall lie with the Bidder.

All the measurements shall be given in metric system.

#### 2.5 ARRANGEMENT OF BID

The Bid shall be neatly presented on white paper with consecutively numbered pages. It should not contain any terms and conditions which are not applicable to the Bid. The Bid and all details submitted by the Bidder shall be signed and stamped on each page as token of acceptance, by a person legally authorised to enter into agreement on behalf of the Bidder. (Corrections / alteration, if any, shall also be signed by the same person).

#### 2.6 SCHEDULE OF PRICES

The schedule of prices shall be read in conjunction with all the sections of proposal document. The price must be filled online in the same format of 'Schedule of Prices' in Section C1. No copy of price bid shall be enclosed along with other document and upload the same anywhere in the e-procurement portal.

#### 2.7 DOCUMENTS COMPRISING THE BID

Bids shall be arranged in the following order.

##### 2.7.1 Part – I : Technical and Unpriced Commercial Part

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

- (a) Submission of bid letter.
- (b) Power of attorney in favour of authorised signatory of the bid / proposal documents.
- (c) All the annexure in Section-C1 to C7 enclosed in proposal duly filled, signed and sealed
- (d) Bid qualification criteria and all supporting documents.
- (e) Write-up on the detailed procedure to be followed for rail erection at SLC Site of all the items.

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- (f) Unpriced copy of schedule of prices with all other commercial terms, taxes, duties, exemption certificates and conditions duly filled (Prices to be kept blank), signed and stamped.
- (g) Audited balance sheet including profit and loss account for last three financial years (for FY 2024-25, FY 2023-24 and FY 2022-23) showing annual turnover.
- (h) Income tax certificate for last three financial years (for FY 2024-25, FY 2023-24 and FY 2022-23).
- (i) Latest (not more than 6 months older than date of technical bid opening) solvency certificate from a scheduled bank for a value not less than 50 lakhs.
- (j) Data sheets for all the equipment & checklists enclosed in proposal duly filled, signed & stamped.
- (k) Technical literature & data sheets of equipment / machinery used by him and any other document as mentioned in the proposal.
- (l) Project execution plan
- (m) Any other relevant document, bidder desires to submit.

#### 2.7.2 Part – II: Priced Commercial Bid

Priced commercial bid shall be filled online in the price bid format. Schedule of prices (Section C1) also to be filled in the online format and no separate document shall be attached. Deviations in terms and conditions, assumptions, conditions, discounts etc. shall be stipulated in format specified in the portal.

### 3. 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.

#### 3.1 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, 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>).

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

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	<b>RAIL ERECTION CONTRACT</b>	

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

### 3.2 PART – II: PRICE PART OF THE BID FOR THE WORK

Price bid shall be filled in the on-line ‘price bid’ form of the e-tender only in ISRO e-procurement <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 .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.

### 4. Vendor Evaluation Format

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

Schedule of general particulars / vendor evaluation format shall be filled as per Section: C3. Schedule of Bidders experience and details of present works being executed are to be filled as per Section: C5.

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

**If warranted, department/ third party will carry out the inspection of the vendor site / site at which vendor has executed the order for evaluation of the capability and genuineness of the documents.**

### 5. DETERMINATION OF RESPONSIVENESS

SDSC SHAR will scrutinize tenders to determine whether the tender is substantially responsive to the requirements of the tender documents. For the purpose of this clause, a substantially responsive tender is one which inter-alia conforms to all the terms and conditions of the entire Tender document without any deviations and reservations. The decision of SDSC SHAR shall be final in this regard.

### 6. BID EVALUATION

6.1 During evaluation, SDSC SHAR may request Bidder for any clarification on the bid or additional documents.

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6.2 Bidder must provide the point-by-point compliance to the technical specifications along with deviations as per "Schedule of deviations" attached in C4. The tender will be rejected, if the deviations are not acceptable to the Department.

6.3 Techno-commercial discussion (pre-bid meeting) shall be arranged with Bidder in offline & online mode. 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. The authorised representative must be competent and empowered to settle/decide on all technical and commercial issues.

Pre bid meeting shall be organised within 10 working days from the release of tender. Intimation about pre bid meeting will be informed through our EGPS system / website.

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

6.5 The time schedule for completion is given in the Proposal document. Bidder is required to confirm the completion period unconditionally.

6.6 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.

6.7 The Bidder, whose bid is accepted by SDSC SHAR, shall be issued a Purchase Order (PO) to proceed with the work. Bidder shall confirm acceptance by returning a signed copy of the PO.

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## **SECTION –A2**

### **GENERAL SPECIFICATION & PROJECT INFORMATION**

SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX	SECTION: A2
	<b>RAIL ERECTION CONTRACT</b>	SHEET : 2 OF 13

## **1. SCOPE OF WORK AND TECHNICAL SPECIFICATIONS**

The detailed scope of work and technical specifications are given in Sections B1, of this document. The general terms and conditions are given below.

## **2. CONTRACTOR's OBLIGATIONS & FUNCTIONS**

### **2.1 SPECIFICATIONS AND DRAWINGS**

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

### **2.2 SUBMISSION OF TECHNICAL DOCUMENTS**

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

- 2.2.1 Technical literatures & data sheets for rail erection.
- 2.2.2 Erection sequence schedule along with erection drawings.
- 2.2.3 Detailed Quality Assurance Plan.
- 2.2.4 No activity shall be executed unless SDSC SHAR's approval is obtained. The above documents shall be submitted in a format approved by SDSC SHAR.

### **2.3 SUPPLY**

Contractor shall carry out procurement and supply of required quantity of the non shrink type grouting materials in accordance with the scope, technical specifications and terms & conditions of contract.

## **3. INSTALLATION**

### **3.1 GENERAL**

- 3.1.1 Contractor's staff shall include adequate number of competent erection engineers with proven experience on similar works to supervise the erection works and sufficient skilled, unskilled and semiskilled labour to ensure completion of work in time.
- 3.1.2 Contractor's erection staff shall arrive at site on date agreed by department. Prior to proceeding to work, Contractor shall however, first ensure that required/sufficient part of his supply has arrived at site.
- 3.1.3 Erection of equipment may be phased in such a manner so as not to obstruct the work being done by other Contractors and / or operating staff who may be present at that time.

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- 3.1.4 During erection, Department's quality team / their engineer will visit site from time to time with or without Contractor's engineer to establish conformity of the work with specification. Any deviations, deficiencies or evidence of unsatisfactory workmanship shall be corrected as instructed by Department.
- 3.1.5 Contractor shall carry out work in a true professional manner and strictly Adhere to the approved drawings. Any damage caused by Contractor during erection to new or existing building / environment shall be made good at no extra cost to Department.

### **3.2 RECORDS**

Contractor shall maintain records pertaining to the quality of erection work in a format approved by Department. Whenever erection work is complete, Contractor shall offer erected equipment for inspection to Department's engineer who along with Contractor's engineer will sign such records on acceptance.

### **3.3 RAIL TRACK SYSTEM ERECTION**

- 3.3.1 Contractor shall carry out the rail erection works in accordance with the specific Instructions given in this Department. Equipment shall be erected in neat manner so that they are level, plumb, and square and properly aligned and oriented. Tolerances shall be as established in manufactures drawings or as stipulated by Department. No equipment shall be welded or bolted, until its alignment is checked and found acceptable by Department.
- 3.3.2 Contractor shall provide all supervision, labour, tools, machines, cranes, equipments, scaffolding, rigging material and incidental material such as bolts, wedges, anchors, etc. required to complete the works. Contractor shall also provide at his own cost all such consumables like oxygen – acetylene gas, welding rods, grinding wheels, temporary supports, shims etc. required to complete work.
- 3.3.3 Contractor shall take utmost care while handling instruments, items, delicate equipment etc. and protect all such equipment on erection.

### **3.4 SAFETY**

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

### **3.5 ERECTION & CONSTRUCTION POWER**

- 3.5.1 As it is a new place and no power supply is available at site, Vendor has to arrange required electrical power for completing this order.
- 3.5.2 Material handling equipment required for loading or unloading, erection, testing and commissioning at SLC site is in the scope of vendor.

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- 3.5.3 Arranging the Material handling equipment for loading/ unloading and movement of rails, rail clips, resilient pads, fishplates, grout material etc., stored within 1km from the erection site including manpower is in the scope of vendor.
- 3.5.4 Storing of grout material near to the site is in the scope of vendor, no separate shelter will be provided for storage.

### **3.6 SITE PREPARATION / CLEARANCE**

No site preparation works are planned by SLC Project for site fabrication works. Only environmental clearance will be provided for site preparation works. Preparation of required site for any fabrication and approach requirements for handling the Rail systems shall be in scope of contractor. The site identified in such works shall be within 400 m from the SAF building location.

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

### **3.7 ACCOMMODATION**

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

### **3.8 MEDICAL FACILITIES**

Contractor shall make their own arrangement at their own expenses for medical facilities for site personnel.

### **3.9 WORK PROGRAMME**

Contractor shall prepare a detailed program schedule for review / approval by department. Contractor as per exigencies of work shall revise and update programme periodically.

### **3.10 SUB-CONTRACTS**

- 3.10.1 No work shall be sub-contracted without prior approval of department.
- 3.10.2 Contractor shall be responsible for the proper execution of any sub-contract placed by him in connection with this purchase order.
- 3.10.3 Contractor shall furnish to department the copies of all un-priced sub-orders showing promised delivery dates and places.

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### **3.11 RECORD OF DRAWINGS AND O&M MANUALS**

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

### **3.12 TAXES AND DUTIES**

3.13.1 CGST/SGST/UTGST/IGST shall be paid at actuals against Tax Invoice but restricted to the amount and percentage in the contract.

3.13.2 GST details of SDSC SHAR are given below:

Designation : Purchase and stores officer VALF  
Contact no : 08623-226082  
GSTIN : 33HYDF00385A1DZ

### **3.13 STATUTORY VARIATION**

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 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.

### **3.14 RISK COVERAGE**

The Contractor shall arrange comprehensive risk coverage for his personnel and equipments at his own cost covering the value of equipment including transportation to the site storage at site till completion of works at site. The period of such coverage shall be up to contractual completion period or any extension granted by Department thereof.

The purchaser shall not be responsible for any type of risk allowance. This is solemnly lying with service provider.

### **3.15 INCOME TAX**

Income tax at the prevailing rate as applicable from time to time shall be deducted from the Contractor's bills as per Income Tax Act, 1961 and the rules there-under or any re-enactment or modifications thereof and a TDS certificate shall be issued.

### **3.16 BANK GUARANTEE FOR SECURITY DEPOSIT:**

Furnish a Bank Guarantee towards Security Deposit for 3% of the order value immediately within 10 days after release of purchase order on Rs.100/- non-judicial

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stamp paper from a Nationalized/Scheduled bank as per the format enclosed valid till the completion of total contractual obligation (i.e, erection & commissioning and inspection or T&E period+60 days). This will not carry any interest and shall be returned to you after successful completion of contractual obligations. In case of non-performance/poor performance the Bank Guarantee shall be forfeited. If BG is not submitted within specified period, this order is liable to be cancelled.

### **3.17 PACKING AND FORWARDING**

- 3.18.1 The Contractor 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 Contractor shall be non-returnable.
- 3.18.2 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 Contractor.

### **3.18 ARBITRATION**

In the event of any dispute(s) and/or difference(s) arising out of or relating to the interpretation and application of the Work Order, such dispute(s) and/or difference(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) and/or difference(s), the unsolved dispute(s) and/or difference(s) shall be referred to the Arbitrators appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Amendment Act, 2015 as amended from time to time. The arbitration shall be conducted Satish Dhawan Space Centre SHAR, Sriharikota. 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.

Services under the Work Order shall be continued by Party 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 Centre (SDSC SHAR) or unless the matter is such the Work Order cannot be possible continued until the decision (whether final or interim) of the Arbitrator is obtained.

In case order is concluded on the Public Sector Undertakings, the following

Arbitration Clause will be applicable:  
In the event of any dispute(s) or difference(s) relating to the interpretation and application of the provisions of the commercial contracts between ISRO/SDSC SHAR & Central Public Sector Enterprises (CPSEs)/Port Trusts inter se and also between ISRO/SDSC SHAR & CPSEs and Government

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Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute(s) or difference(s) shall be taken by either party for resolution through the "Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD)", as mentioned in the Office Memorandum F No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22nd May, 2018 issued by the Director of the Department of Public Enterprises (DPE) under the Ministry of Heavy Industries and Public Enterprises, Government of India.

### **3.19 APPLICABLE LAW AND JURISDICTION**

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

### **3.20 FORCE MAJEURE**

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

### **3.21 SCHEDULE OF PRICE**

- 3.23.1 CONTRACT price shall include all costs of "Supply of required quantity of the non shrink type grouting materials and erection of commissioning of rail track system at SLC site as per this contract, transport to site, unloading, storage, all risk coverage, erection, installation, testing & evaluation and commissioning of equipment including any other cost for proper and complete execution of the CONTRACT.
- 3.23.2 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 Contractor, cost of tools and tackles required for erection and other consumable material required, and all taxes, duties, and levies as applicable on the date of submission of bid.
- 3.23.3 Contractor shall quote the prices similar to price bid format enclosed as Section – C1 only in online.
- 3.23.4 The rate quoted shall be on FOR SLC site, Tuticorin, Tamil Nadu, basis.

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### 3.22 TERMS OF PAYMENTS

General guideline terms of payments are as indicated below. Any deviation to these payment terms to be brought out.

**100% payment within 30 days after complete erection, testing and acceptance by department of rail system as per the scope provided in Annexure-B1**

### 3.23 DELIVERY SCHEDULE

The supply of the non shrinkable M65 grade cementations grout materials and erection & commissioning of the Rail track system at SLC site and Testing & qualification trials works completion within the schedule is very essential. Hence, bidders are requested to adhere to the schedules given below. Contractor shall follow the following schedule for executing the contract:

S.No	Description of Target	Responsibility	Target Completion Date (in months)
1.	Purchase Order release	Dept.	T0
2.	Clearance for erection for sole plate with grouting at Department Site.	Dept.	T1
3.	Supply of non shrinkable M65 grade cementations grout. Grouting and erection of sole plate including leveling as per scope (for full length )	Vendor	T1 + 2 months
4.	Clearance for erection of MRS85 rail erection (including welding of Clamps, laying of Resilient pads etc.,)	Dept.	T2
5.	Erection of Rail clamps, Laying Resilient pads, erection of rails including leveling.	Vendor	T2 + 2 months
6.	Clearance for testing and commissioning	Dept.	T3
7.	Testing & qualification trials at Department site.	Vendor	T3+ 1 week

### 3.24 LIQUIDATED DAMAGES

In the event of the Contractor failing to complete the work within the delivery period specified in the contract agreement or in extension agreed thereto, Department shall reserve the right to recover from the Contractor as liquidated damages, a sum of 0.5

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percentage per week or part thereof of the undelivered portion of the total contract price of equipment or work. However, the total liquidated damages shall not exceed 10.0 percentage of the total contract price.

### **3.25 DISCLOSURE AND USE OF INFORMATION**

- 3.26.1 If the documents supplied by SDSC SHAR are marked “**Strictly Confidential**”, Contractor shall take all necessary steps to ensure the same.
- 3.26.2 Contractor shall guarantee that all information and data received during execution of Purchase Order from SDSC SHAR shall be classified as “**confidential**” within the meaning of the Official Secrets Act and will not be divulged to any third party without prior written permission of SDSC SHAR. All drawings & documents shall be returned after execution of work.
- 3.26.3 No publicity of any kind whatsoever regarding this work shall be given without prior clearance from SDSC SHAR.

### **3.26 ACCEPTANCE AND REJECTION:**

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

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

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

### **3.27 SUSPENSION OF WORK:**

- 3.27.1 Department may notify the Contractor to suspend performance of any or all of his obligations under the Contract. Such notice will specify the reasons for suspension and the effective date of suspension. Contractor there upon shall suspend the performance of such obligations until ordered in writing to resume performance of Contract by Department.
- 3.27.2 If Contractor's performance or his obligations remain suspended or the rate of progress is reduced, then, the time of completion will be suitably extended and all

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costs incurred by Contractor as a result of suspension or reduction in rate of progress will be paid to Contractor provided that the suspension or reduction in the rate of progress is not by reasons of Contractor's default or breach of Contract.

### **3.28 CANCELLATION**

#### **3.28.1 GENERAL RULE**

The Department shall have the right at any time to cancel a contract either wholly or in part by giving written notice by registered mail. From the time of receipt of the written notice, the Contractor 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-Contractors.

#### **3.28.2 WITH FAULT OF CONTRACTOR:**

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

##### 3.28.2.1 In the event of the Contractor's failure to meet

- a. The Technical requirements of the Contractor.
- b. The Progress and/or delivery requirements.

##### 3.28.2.2 If the Contractor has not observed the provisions of the contract concerning the disclosure and use of information provided by the Department.

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

##### 3.28.2.4 If the Contractor transfers his contract without the Department's authorization or concludes sub-contracts against the Department's explicit directives.

##### 3.28.2.5 In the event that Contractor 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 Contractor, fix a Date of Essence by which the Contractor must complete the dispatch in full. If the Contractor 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 Contractor shall be liable to Department for the

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additional expenses incurred thereby, but shall not have any claim on savings, if any, in such cases.

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

- In the case of a fixed-cost contract for the supply of equipment or material. The contractual value of items delivered and accepted under the contract before receipt of notification of cancellation, or to be accepted under the special conditions of cancellation.
- In the other cases, a fair and reasonable price in respect of such work as has been carried out prior to the receipt by the Contractor of notification of cancellation.

### **3.29 FRAUDULENT PRACTICES, BRIBERY AND CORRUPTION OF GOVERNMENT SERVANTS**

The contractor represents and undertakes that he has not given, offered or promised to give, directly or indirectly any amount, gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the department or otherwise in procuring the contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the contract or any other contract with the Government for obtaining a contract or showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the government. Any breach of the aforesaid undertaking by the contractor 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.

### **3.30 Risk and Cost Purchase:**

Timely delivery of goods/services is of prime importance and where the vendor fails to fulfil their contractual obligations, the Procuring Entity shall be entitled, and it shall be

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lawful on his part, to procure Stores and/ or services similar to those ordered/cancelled, with such terms and conditions and in such manner as it deems fit at the "Risk and Cost" of the Contractor and the Contractor shall be liable to the Procuring Entity for the extra expenditure, if any, incurred or accrued by the Procuring Entity for arranging such procurement. However, the Contractor shall not be entitled to benefits if any, from such procurement.

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	<b>RAIL ERECTION CONTRACT</b>	SHEET : 13 OF 13
<b><u>PROJECT INFORMATION</u></b>		
1.0	Project Title	: SSLV LAUNCH COMPLEX (SLC)
2.0	Location of Plant	: SSLV LAUNCH COMPLEX, SSLV PROJECT OFFICE, SURVEY NO. 260-3C, MADHAVANKURICHI VILLAGE – 628206, OPP. TO KOODAL NAGAR, THIRUCHENDUR TK., TUTICORIN DIST., TAMILNADU
3.0	Elevation	: 22 m
4.0	Access to Site	: Road about 21km from Thiruchendur and about 46km from Koodankulam approximately.
5.0	Terrain	: Uneven with level varying significantly.
6.0	Climatic Conditions	
a)	Temperature	
	Mean of daily max	: 34 °C
	Mean of daily min.	: 28 °C
	Maximum Temperature	: 39 °C
	Design ambient temperature for performance guarantee	: 45.0 °C
b)	Relative humidity	
i.	Range	: 58% to 72%
ii.	Design relative humidity for performance guarantee	: 80%
c)	Rainfall	
i.	Annual average maximum	: 1222.7 mm
7.0	Wind Load	
	Basic wind speed	: 7m/s (Enhanced by a factor 1.4)
8.0	Seismic Data	: As per IS : 1893 latest issue
	Zone	: Zone II

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## **SECTION –B1**

### **SCOPE OF WORK & TECHNICAL SPECIFICATION**

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	<b>RAIL ERECTION CONTRACT</b>	SHEET : 2 OF 8
<b>1. <u>BACKGROUND INFORMATION</u></b>		
<p>In SSLV Launch Complex (SLC), launch vehicle will be integrated in SSLV Assembly facility (SAF), which is 740 m away (approx.) from the launch pad (LP) location. Launch vehicle will be integrated on Mobile Launch Structure (MLS). After completion of assembly the launch vehicle along with MLS will be transported to JDD / LP location by using bogie system through rail track system over concrete foundation. Maximum weight of the payload to be hauled is about 570t.</p> <p>Track system is planned with cross tracks perpendicular to the main track at one location outside of SAF building for parking MLS. To facilitate the bogie system to travel on cross track, it shall be equipped with axle turning arrangement. During axle turning operation, MLS will be unloaded on the ground anchors at track junction location. Then the bogie system shall be lifted by Bogie lifting hydraulic jacks to make sufficient clearance between wheels and tracks. Then bogie system shall be turned manually to align with the cross tracks. At four junctions of the main and cross tracks, four small piece of rail tracks are planned, which has to be aligned with any one-track directions (main or cross). After aligning the small piece of tracks with cross tracks, the bogie system will be lowered on the tracks and the MLS shall be lifted and loaded on bogie system by operating MLS lifting hydraulic jacks. Finally, bogie shall be carrying the MLS and unload on ground anchors at parking location and vice versa.</p> <p>To meet the above requirements, the following rail tracks systems (main &amp; cross) are required to install as shown in the layout drawing of the rail tracks (Dwg No: SLC/TRACK LENGTH/01):</p> <ol style="list-style-type: none"> <li>Main sturdy track system capable of taking MLP wheel loads are to be laid between SAF building and JDD/LP. This is a single rail track system (MRS 85/ CR 171) with the gauge length of 6.5m.</li> <li>Cross track system along with the four small pieces for turning locations shall be laid perpendicular of the main track at one location outside of the SAF building. This is a single rail track system (MRS 85/ CR 171) with the gauge length of 9 m.</li> </ol> <p>The areas between the rail tracks will be paved (concrete/ flexible pavement) and will be used for movement of the hauler for traction of Bogie system.</p>		
<p><b>2. <u>FUNCTIONAL REQUIREMENTS</u></b></p> <ol style="list-style-type: none"> <li>The main rail track shall provide leveled top surfaces for smooth movement of Bogie systems carrying MLS with launch vehicle (LV) from SAF building to JDD/LP location or vice versa.</li> </ol>		

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	<b>RAIL ERECTION CONTRACT</b>	SHEET : 3 OF 8
<p>ii. The cross rail track with cross track system shall be provided for parking the MLS to the parking location and vice versa.</p> <p>iii. The difference in levels of top surface of track due to deflection under load shall be minimum (within mentioned tolerances as per Para No 5) to maintain the stability of the launch vehicle.</p> <p>iv. The main and cross tracks shall be capable to withstand a bogie wheel load of 100t. Wheels diameter is 1200 mm dia, flat tread, with double flange.</p> <p>v. Gage length of the main rail track system is 6.5 m and cross track is 9m.</p> <p>vi. Level difference across tracks between rails tops at any location is to be limited to <math>\pm 1</math> mm.</p> <p>vii. The track proposed between SSLV Assembly Facility (SAF) and Launch pad is having single curved segment with 300 m of mean radius of curvature at the centre of 6.5 m gauge as shown in the Dwg no: SLC/TRACK LENGTH/01. The rail clamping systems and foundation shall be able to withstand side forces during wheel rubbing in curves.</p> <p>viii. Proposed cross track system is perpendicular to the main track at one location outside of SAF building for parking MLS. The gage length of the cross track is 9 m. The cross track and rail changeover system shall be able to withstand the load due to bogie with MLS and vehicle.</p> <p>ix. Total track length is about 1700 m.</p>		
<p><b>3. <u>SCOPE OF WORKS</u></b></p> <p>Rail erection contract for SLC rail system of SLC project involved following things (for an approximate length of 1700m):</p> <ol style="list-style-type: none"> <li>Supply of required quantity of Non shrinkable M65 grade cementations grout (Compressive strength: <math>65\text{N/mm}^2</math> (min)) along with curing agent etc., of make: FOSROC chemical Ltd. for the full length of rail system for a thickness of 50mm (approx. without considering the foundation undulations) and width of 400 mm (approx).</li> <li>Supply and application of "Epoxy" resin bonding agent over the old concrete foundation surface before grouting to receive the new concreting using "NITOBOND-EP" manufactured by FOSROC chemical Ltd., at 0.45kg/sqm as per manufacturer's specifications including cleaning the surface.</li> <li>Grouting of sole plate using above supplied grout and embedded foundation bolts provided along the track. Ensuring leveling the sole plate within <math>\pm 1</math> mm including</li> </ol>		

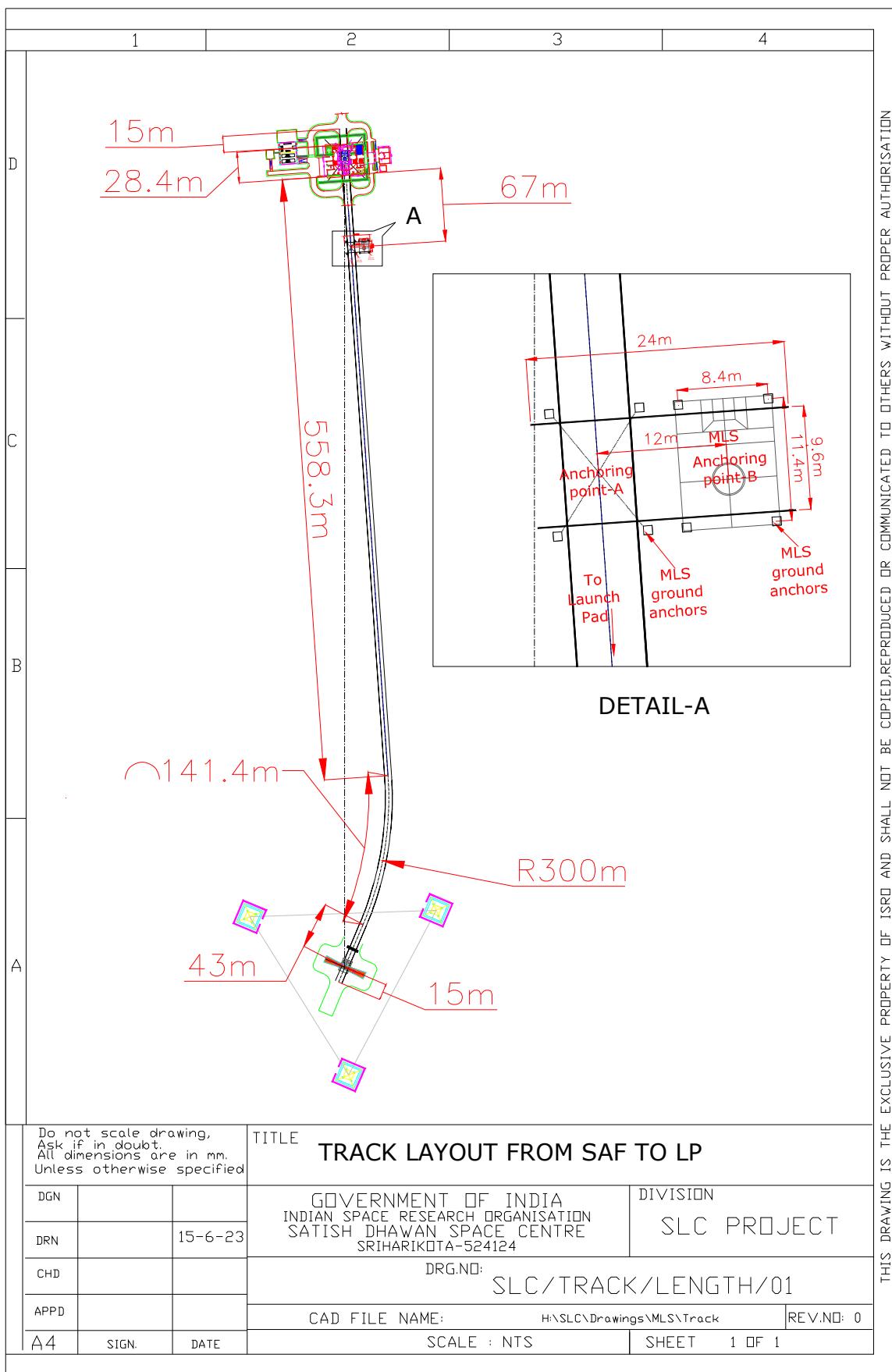
SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX	SECTION: B1
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<p>proper compaction and shuttering and curing (this includes minor chipping/cleaning of the existing concrete wherever required, to achieve the required depth).</p> <p>d. Erection of 1700 m (approx) length (including main and cross track) of MRS85 /CR171 Rail track system which includes</p> <ol style="list-style-type: none"> <li>1. laying of resilient pads,</li> <li>2. welding of rail clips bottom portion,</li> <li>3. Positioning /Laying of rails,</li> <li>4. Clamping of rails using rail clips top portion</li> <li>5. Supply of Cross track mechanism</li> <li>6. Erection of cross track mechanism with rail as per drawing with grout</li> <li>7. Aligning of rails to meet the required specification</li> </ol> <p>Between SSLV Assembly Facility (SAF) and launch pad including Cross track system at SLC site (Ref Dwg No: SLC/TRACK LENGTH/01).</p> <p>e. Only required quantity of Sole plates with holes, Foundation bolts &amp; nuts, resilient pads, Rail clips, fish plates &amp; fasteners and MRS85 Rails shall be provided by the department.</p> <p>f. Foundation bolts will be positioned along the track foundation by the department as per drawings.</p> <p>g. Initial survey activities of the civil foundation bolts and necessary drilling for minor adjustment of the soleplates shall be under vendor scope only.</p> <p>h. Repositioning &amp; leveling of the soleplates and erection &amp; commissioning of the same using of non shrink type grouting materials is in the scope of vendor.</p> <p>i. Arrangement of all necessary accessories or equipments for this activity shall be under scope of vendor.</p> <p>j. Curvature of 300 m mean radius for the track (Ref dwg No: SLC/TRAC/LENGTH/01) shall be achieved by adopting suitable method.</p> <p>k. Cutting of rails, fishplates to the required size by machine saw and drilling holes at the cut end for joining the fish plates as and when necessary.</p> <p>l. Erection and commissioning of Rail track system shall be carried out within the tolerance limit mentioned in the tender document.</p> <p>m. Test &amp; evaluation of the rail track system and cross track system shall be carried out by the vendor. Required load (Bogie system with Mobile Launch Structure) shall be provided by the department.</p>		

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	<b>RAIL ERECTION CONTRACT</b>	SHEET : 5 OF 8
<b>4. EXCLUSION:</b>		
The required Rails, Fish Plates with fasteners, Rail clips, resilient rubber pad shall be supplied by department with following specifications.		
<p><b>A.Rails</b></p> <p>Rails : MRS 85/CR 171 (85.03 kg/m or 171 lbs/yd)</p> <p>Standards to meet : ASTM A-759 (Specification for carbon steel rails)</p> <p>Length : Total 1700 m (each rail length is 11.887 m)</p> <p>Grade : Head hardness is 321 BHN (min)</p> <p>Tensile strength : 1080 to 1210 N/sq.mm</p> <p>Ends : 3 nos. of 30 mm diameter drilled holes at both ends of the rails for fixing fish plates (Refer Dwg No: Rail /SLC/2025/001). However, the rail pieces'/fish plates may require cutting by using saw and drilling holes as per site condition.</p>		
<p><b>B.Fish plates</b></p> <ul style="list-style-type: none"> <li>• Fish plates shall be suitable for joining of MRS 85/ CR 171 rails. 1 set fish plate contains 2 nos. of galvanized plates suiting profile of MRS 85/ CR 171 rails with 6 holes suitable for M27 bolts on each bar.</li> <li>• Galvanized M27 x 160 mm long bolts, grade 8.8, with one nut, one lock nut and two washers shall be used to join rails with fish plates. Each fish plate requires 6 sets of fasteners.</li> <li>• Quantity of the fish plates : <ul style="list-style-type: none"> <li>Supply of straight fish plates – 125 sets (approx.)</li> <li>Supply of curved fish plates – 35 sets (approx.)</li> </ul> </li> </ul>		
<p><b>C.Rail clips</b></p> <ul style="list-style-type: none"> <li>• Weld able galvanized two-part rail clips of Gantrex make (W25/CM (galvanized model) suitable for MRS 85/ CR 171 rails.</li> <li>• Quantity of the rail clips: 7500 sets approx. (To suit track)</li> </ul>		
<p><b>D.Resilient rubber pads</b></p> <ul style="list-style-type: none"> <li>• Flat resilient rubber pad with steel insert of 7mm thick (Raillok Pad F150). It has to be cut as per site requirements by the erection contactor.</li> <li>• Quantity: 1700 m approx. (To suit track)</li> </ul>		

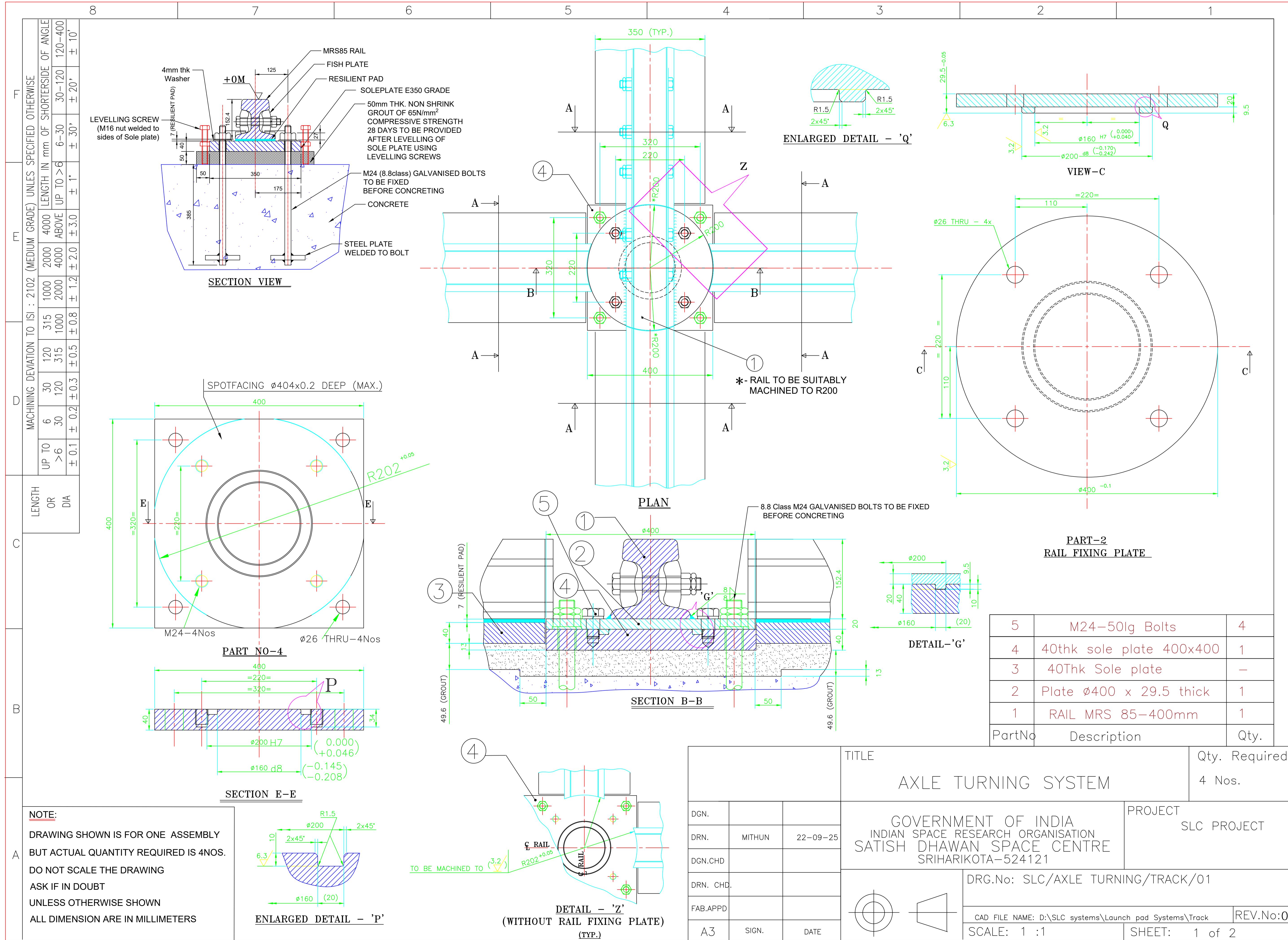
SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX	SECTION: B1
	<b>RAIL ERECTION CONTRACT</b>	SHEET : 6 OF 8
<b>5. <u>SPECIFICATIONS FOR RAIL TRACK ERECTION</u></b>		
<p>i. The MRS 85/ CR171 Rails of length 12 m (approx) each are to be mobilized from the yard to erection site and positioned over the sole plates using suitable material handling equipment. The rail track is to be laid over the leveled and grouted sole plate with resilient pad.</p> <p>ii. Party shall survey the position of foundation bolts provided by civil team at SLC site.</p> <p>iii. Leveling of sole plates for main and side tracks along with cross track locations.</p> <p>iv. Erection &amp; commissioning of the sole plates applying non shrink type grouting materials.</p> <p>v. Contactor is responsible for achieving the curvature of 300m mean radius of the track as per dwg No: SLC/TRACK LENGTH/01.</p> <p>vi. Rail clips are to be welded to sole plates for securing the rails in position after completion of sole plate erection. The rail clips consist of bottom piece, top piece and clamping bolts. The bottom piece is to be positioned at every 600 mm (approx.) interval as per the drawing and welded to sole plate as per rail clip manufacturer's recommendation. The top piece is meant for preventing movement of rails, which is held in position with bottom plate by clamping bolts.</p> <p>vii. Rail clips at the fish plate zone shall be installed according to requirement.</p> <p>viii. Resilient rubber pads shall be installed over the sole plates. It shall be ensured that the sole plate top surface is free from sand or foreign matter before installation of the resilient pad.</p> <p>ix. Rails shall be installed over the resilient pad and fastened with fish plates and the top portion of the rail clip shall be installed and tightened with specified torque.</p> <p>x. Existing rails are to be trimmed/ cut to suit and join with cross track system. Erection and commissioning of the cross track system also is in the scope of the contractor.</p> <p>xi. The final responsibility lies with the erection contractor for the rail track system installation with minor modifications if required any.</p>		
<p><b>6. <u>Supply and erection of one set of Track change over system (1 set includes 4nos. of Axel turning system)</u></b></p> <p>i. Party has to fabricate suitable track change over system as provided in the drawing No: SLC/AXEL TURNING/ TRACK/01 sheet no. 1 of 2 &amp; 2 of 2).</p>		

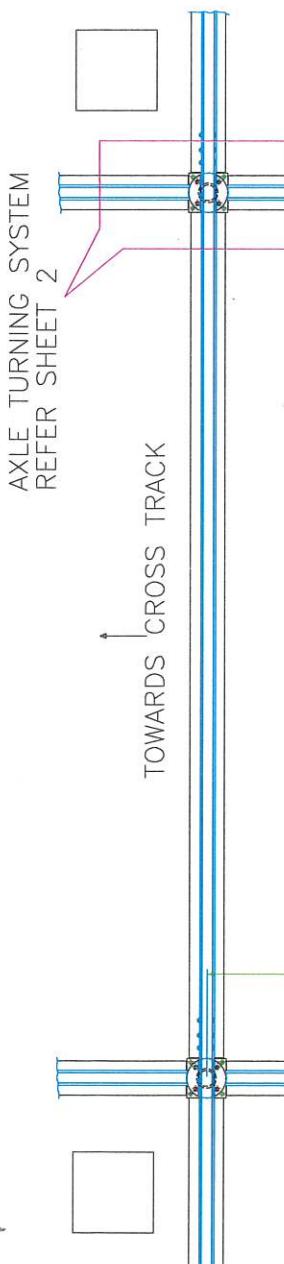
SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX	SECTION: B1
	<b>RAIL ERECTION CONTRACT</b>	SHEET : 7 OF 8
<ul style="list-style-type: none"> <li>ii. 40mm thick bottom sole plate has to be grouted as per the dimensions provided with suitable grout and M24 foundation bolts.</li> <li>iii. Suitable length MRS-85 rail (approx length is 400mm) with end curvature has to be welded to the top plate.</li> <li>iv. Top plate has to be positioned suiting the groove in the bottom plate and aligning the straight track rail (either cross track / straight track).</li> <li>v. Top plate should be free to rotate in the groove provided and provision to be provided to lock the top plate using M24 screw.</li> <li>vi. Provision to be provided on the rail to lock using suitable fish plates and fasteners.</li> <li>vii. Gap between rail on the top of track changeover system to the main track / cross track shall not be more than 2 mm.</li> </ul>		
<p><b>7. <u>TOLERANCES APPLICABLE FOR THE RAIL ERECTION</u></b></p> <ul style="list-style-type: none"> <li>i. Difference between rail tops on any two rails across the track in any location shall be within (+/-) 1 mm (across track centre of 6.5 m /9m) (Party has to achieve this suitably by adjusting the sole plate level and thickness of grout)</li> <li>ii. Between rail gauge of tracks 6.5 m/ 9m (+/-) 5mm</li> <li>iii. Deviation on rail level: (+/-) 3 mm (along the track, within bogie length of 9 m)</li> </ul> <p><b>Note:</b> The above mentioned tolerance shall be due to rail erection, excluding foundation tolerances.</p>		
<p><b>8. <u>INSPECTION, TESTING AND COMMISSIONING</u></b></p> <ul style="list-style-type: none"> <li>i. The track system shall be tested in two stages i.e. by moving the empty bogie for checking the initial alignment and later by moving the bogie with Mobile Launch Structure (MLS).</li> <li>ii. The bogie with MLS shall be arranged by department and the party shall be present for witness the test. Required corrective measures for any defects arising out of rail and cross track system installation have to be attended immediately.</li> </ul>		
<p><b>9. <u>GENERAL CONDITION:</u></b></p> <ul style="list-style-type: none"> <li>i. The contractor has to use certified, calibrated torque wrenches and instruments for the work.</li> </ul>		

SPEC: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX	SECTION: B1
	<b>RAIL ERECTION CONTRACT</b>	SHEET : 8 OF 8
<p>ii. The contractor shall submit the method of achieving curved rail of 300 m radius at the centre of 6.5 m gauge.</p> <p>iii. Transporting the material from designated storage area to erection / fabrication site including any intermediate material handling is the contractor responsibility. No dragging is allowed.</p> <p>iv. The scope of work shall stand supplemented by stipulations mentioned elsewhere in the specifications.</p> <p>v. The scope of work shall also include preparations of drawings and document for fabrication and installed of track system if felt necessary by the department.</p> <p>vi. The contractor shall receive material from department against written authorization and shall handover all the left over items, scraps, spare components, crates, packing, etc. to the specified location.</p> <p>vii. On completion, the site shall be cleaned by removing all unwanted materials brought by contractor.</p> <p>viii. Contractor shall use all the consumables like cleaners, cotton wastes, other hardware required use all the consumables for his erection works from their resources.</p>		



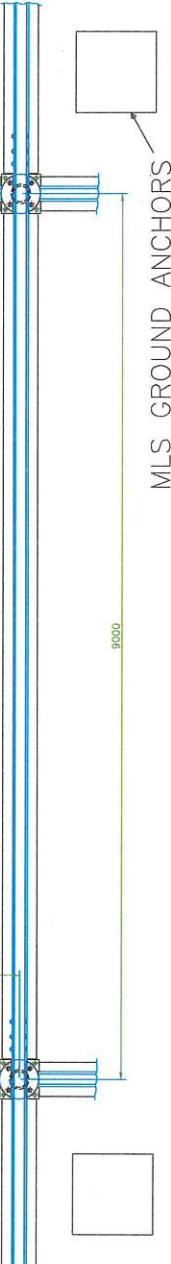
THIS DRAWING IS THE EXCLUSIVE PROPERTY OF ISRO AND SHALL NOT BE COPIED, REPRODUCED OR COMMUNICATED TO OTHERS WITHOUT PROPER AUTHORISATION





LENGTH	OR DIA	UP TO	6	30	120	315	1000	2000	4000	4000	UP TO >6	6-30	30-120	120-400
MAACHINING DEVIATION TO ISI : 2102 (MEDIUM GRADE) NINES SPECIFIED OTHERWISE														

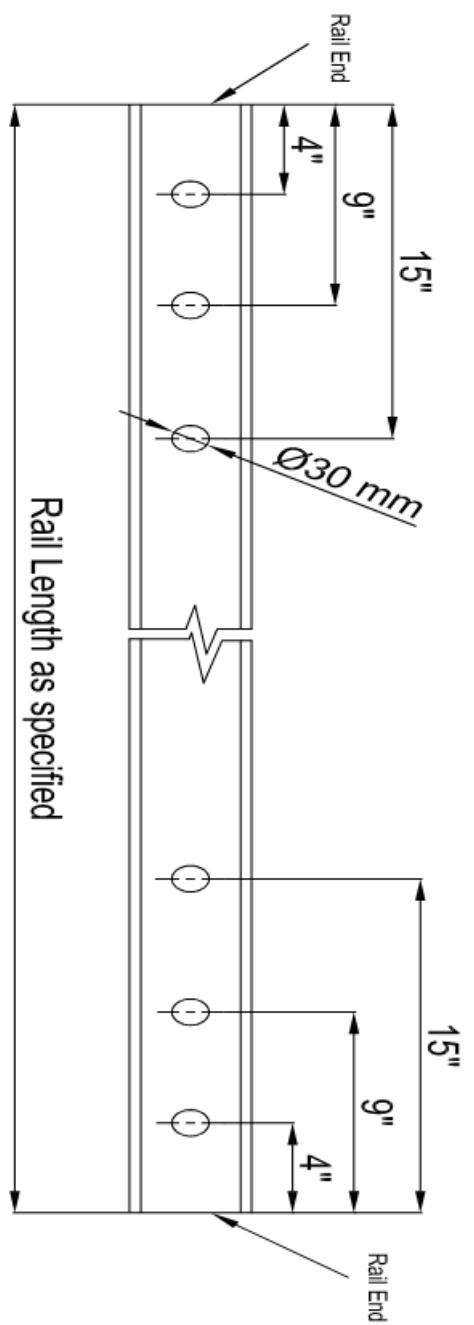
TOWARDS SAF →  
TOWARDS JDD →  
TOWARDS CROSS TRACK →



KEY PLAN

TITLE		AXLE TURNING SYSTEM		PROJECT SLC PROJECT
DGN.				
DRN.	MITHUN	22-09-25	GOVERNMENT OF INDIA INDIAN SPACE RESEARCH ORGANISATION DHAWAN SPACE CENTRE	
DGN.CHD			SATISH SRIRAKKOTA-524121	
DRN. CHD			DRG.No: SLC/AXLE TURNING/TRACK/01	
FAB/APPD			CAD FILE NAME: D:\SLC systems\Launch pad Systems\Track	REV.No:0
A3	SIGN.	DATE	SCALE: 1 : 1	SHEET: 2 of 2

NOTE:	DRAWING SHOWN IS FOR ONE ASSEMBLY BUT ACTUAL QUANTITY REQUIRED IS 4NOS.
A	DO NOT SCALE THE DRAWING ASK IF IN DOUBT UNLESS OTHERWISE SHOWN
	ALL DIMENSION ARE IN MILLIMETERS



**Schematic drawing of rail showing position of the holes**  
Dwg No: Rail/SLC/2025/001

SPEC: SLC- RAIL ERECTION-01	<b>SSLV LAUNCH COMPLEX</b> <b>RAIL ERECTION CONTRACT</b>	SECTION: C1  SHEET NO.: Page 1 of 2
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**SCHEDULE OF PRICES & GENERAL PARTICULARS**

1. Bidders shall not alter the contents of this schedule of prices. If the bidder wants any additions / alterations, these shall be brought out separately in the format as given in this schedule of prices.
2. Equipment and material to be supplied and erected shall be in accordance with section A1, A2 & B1 of this specification.
3. The quoted price shall be price in Indian Rupees for supply of material, manufacture, inspection and testing at manufacturer's works, packing, forwarding, transportation from place of manufacture to site, transit insurance, unloading / receipt at site, storage / handling at site, erection, testing, commissioning and carrying out performance test at site inclusive of all taxes and duties as applicable except sales tax on finished products, and service tax which shall be separately indicated in the price bid.
4. SDSC-SHAR reserves right to place order in full or part of the scope

SPEC NO.: SLC- RAIL ERECTION-01	SSLV LAUNCH COMPLEX RAIL ERECTION CONTRACT	SECTION: C1 SHEET NO.: Page 2 of 2
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**(A) SCHEDULE OF UNIT PRICE**

Sl.no	Item	Qty.	Cost in Rs.
1	Supply of required quantity of non shrinkable M65 grade cementations grout (Compressive strength: 65N/mm <sup>2</sup> (min)) along with curing agent etc., of make: FOSROC chemical Ltd. and erection, testing and commissioning of 1700 m length of MRS 85 Rail track system (including supply and erection of 1 set of Track change over system) at SLC site as per terms & conditions of the tender document.	1 lot	
IGST @18%			
Total landed Cost:			

**Note:**

1. Cost off packing, forwarding and transportation shall be loaded to the unit rate, not to be quoted extra.
2. **Any bids/offers with price details in Techno-Commercial Offer (Part -I) shall be rejected.**

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

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

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

SEAL OF THE COMPANY DATE \_\_\_\_\_

SPEC NO.: SLC- RAIL ERECTION-01	<b>SSLV LAUNCH COMPLEX</b>	SECTION: C2
	RAIL ERECTION CONTRACT	SHEET : 1 OF 2

### **BID QUALIFICATION CRITERIA FOR SUPPLY OF WHEEL BOGIE SYSTEM**

Bidders who are qualifying / meeting following Technical and financial criteria are eligible to participate in the bid for Rail erection contract at SLC site. Bidder shall furnish all the information mentioned in the criteria with documentary proof and submit along with quotation. Bids of the parties which are not meeting the following criteria will not be considered for evaluation and will be rejected without seeking any further clarifications.

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

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

1. The Bidder shall be an organization with minimum 5 years of experience in having executed contracts for erection commissioning of CR171 rails or equivalent rails.
2. The firm shall have successfully completed Installation, testing and commissioning of at least 1 nos. works order of total 800 m length of CR171 rail or equivalent rail along with grouting using suitable grout in single work order during last 3 years ending with 31.12.2025. Bidders have to provide relevant certificates from the Owners (end users) along with the submission of bid to prove the above experience.

or

The firm shall have successfully completed Installation, testing and commissioning of at least 2 nos. works orders of each 400 m length of CR171 rail or equivalent rail along with grouting using suitable grout in single work order during last 3 years ending with 31.12.2025. Bidders have to provide relevant certificates from the Owners (end users) along with the submission of bid to prove the above experience.

3. The firm shall have experience to installed crane rails (CR171 or equivalent) as per ISO 12488-1:2025, Class 2 with following tolerance during last 3 years ending with 31.12.2025:

Bidders have to provide relevant certificates from the Owners (end users) along with the submission of bid to prove the above experience.

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

1. The Bidder should have annual turnover of not less than a value of Rs. 1 Cr per year last three financial years ending with 31.12.2025.
2. The firm should have undertaken and successfully completed Single work order of Installation, testing and commissioning of CR171 rail or equivalent rail not less than Rs.50 lakhs value during least 05 (Five) years ending with 31.12.2025.

Or

The firm should have undertaken and successfully completed two work orders of Installation, testing and commissioning of CR171 rail or equivalent rail not less than Rs.25 lakhs value for each work order, during least 05 (Five) years ending with 31.12.2025.

3. IT/ TDS certificate shall be submitted with Loss & Profit for last three years.
4. Bidder shall submit audited statement of financial status for last three years.

SPEC NO.: SLC- RAIL ERECTION-01	<b>SSLV LAUNCH COMPLEX</b>	SECTION: C2
	RAIL ERECTION CONTRACT	SHEET : 2 OF 2

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

1. Firm establishment certificate and nature of work.
2. Documentary evidence (Technical details & drawings) for fulfilling special technical conditions as per the RFP document
3. Copy of audited Balance Sheets for last three years
4. IT / TDS certificates for last three years.
5. Current Solvency Certificate for an amount of Rs 50 lakhs (not more than 6 months older than date of technical bid opening).
6. List of value, and work order copies of total projects under Execution with purchase order name and address.
7. Structure and Organization chart.
8. List of personnel with qualification & experience in the firm in the areas of design, production, quality, safety, administration etc.,
9. List of Machinery & Equipments to be used for the work.

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

1. Short listing based on documents submitted, satisfying the all eligibility criteria given above by the firm or individual along with their Bid / application. (Non-submission of any document as given in above list within stipulated time leads to rejection of Bid).
2. Subsequently Bidder's competency, their technical achievements and financial status will be evaluated suitable for this project. Feedbacks from Bidder's clients will be verified.
3. Visit to sites by technical team (ISRO or third party) where Bidder has established above mentioned works.
4. If required, visit will be made to their factory/ firm by technical team (ISRO or third party) for accessing the capability of manufacturer.
5. Scrutiny of all technical specification and supply conditions mentioned in techno-commercial bid.

SPEC: SLC-  
RAIL  
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**SSLV LAUNCH COMPLEX**

SECTION: C3

**RAIL ERECTION CONTRACT**

SHEET : 1 OF 3

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

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

SPEC: SLC- RAIL ERECTION-01	<b>SSLV LAUNCH COMPLEX</b>	SECTION: C3
	RAIL ERECTION CONTRACT	SHEET : 2 OF 3

17.	Orders executed during last five years, at least 1 nos. of installation of CR171 rail or equivalent > 800 m length in one single order or 2 nos. of installation of CR171 or equivalent rail > 400 m each in length in each orders and One order of installation of rail of value greater than Rs. 50 lakhs, in last five years references are to be mentioned. (Separate sheet can be attached).
18.	Shop floor area covered
19.	No. of employees (Supplier shall mention contract personnel separately) Engineers Supervisors Technicians Quality control engineers Administrative Staff.
20.	Handling facility available: Over head / Gantry Crane details (Capacity , span lift). Mobile Cranes.
21.	Load testing facility Available: Maximum weight available. No. of weights Total test load available.
22.	Welding / fabrication workshop (Type / capacity / quantity of machines shall be provided) MMAW machines GMAW machines Gas cutting machines Plasma cutting machines Welding Fixtures
23.	Welding professionals: No. of Welders (MMAW), Qualification details, No. of Welders (GMAW), Qualification details, No. of Welders (TIG), Qualification details, Welders Qualified by:
24.	Details of welding Inspection Equipment & Welding inspector available with supplier (LPT, UT, MPT, X-ray, etc)
25.	Forming facilities available ( with brief specification of each machine) Shearing Machine Cutting Machine Bending Machine
26.	Machining Facilities available ( with brief specification of each machine) Turning lathe (Conventional /CNC) Milling Machine (Conventional / CNC) Gear Cutting / Hobbing Machines

SPEC: SLC- RAIL ERCTION-01	<b>SSLV LAUNCH COMPLEX</b>	SECTION: C3
	RAIL ERECTION CONTRACT	SHEET : 3 OF 3

	Drilling Machines (conventional / CNC) Cylindrical Grinding Machine ( Conventional / CNC) Any other machines.	
27.	Details of inspection facilities / Instruments available ( Brief description & specifications shall be provided)	
28.	If third party Inspection Services are taken for fabricating similar works give details.	
29.	Design Software's available Drafting & modeling software packages FEM software Other softwares Design Engineers ( with qualification & experience)	
30.	Bid validity period (Min. 4 months from date of bid opening)	
31.	<b>COMPLETION SCHEDULE</b>	

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

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

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

SEAL OF THE COMPANY DATE : \_\_\_\_\_

**EXCEPTIONS AND DEVIATIONS**

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

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

**NOTE :**

Only deviations are to be written in the above form.

Any deviations taken by the Bidder to the stipulations of the Proposal document shall be brought out strictly as per this format and enclosed along with the bid.

Any deviations not brought out in this Proforma and written elsewhere in the Proposal document shall not be recognized and the same is treated as null and void.

Any wilful attempt by the Bidders to camouflage the deviations by giving them in the covering letter or in any other documents that are enclosed may render the Bid itself non-responsive.

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

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

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

SEAL OF THE COMPANY DATE : \_\_\_\_\_

SPEC: SLC- RAIL ERECTION-01	<b>SSLV LAUNCH COMPLEX</b>	SECTION: C5
	RAIL ERECTION CONTRACT	SHEET : 1 OF 2

**SCHEDULE OF BIDDERS EXPERIENCE**

The bidder shall furnish here under a list of works order for erection & commissioning of CR171 rails or an equivalent rail executed by him to whom a reference may be made by the PURCHASER in case the PURCHASER considers such a reference necessary.

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

COMPANY SEAL

SIGNATURE: :  
NAME :  
DESIGNATION:  
COMPANY :  
DATE :

SPEC: SLC- RAIL ERECTION-01	<b>SSLV LAUNCH COMPLEX</b>	SECTION: C5
	RAIL ERECTION CONTRACT	SHEET : 2 OF 2

### SCHEDULE OF BIDDERS PRESENT WORK

The bidder shall furnish here under a list of works order for erection & commissioning of CR171 rails or equivalent rails being under progress to whom a reference may be made by the PURCHASER in case the PURCHASER considers such a reference necessary.

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

Company Seal

SIGNATURE: :  
NAME :  
DESIGNATION:  
COMPANY :  
DATE :

SPEC: SLC-  
RAIL  
ERCTION-01

**SSLV LAUNCH COMPLEX**

SECTION: C6

RAIL ERECTION CONTRACT

SHEET : 1 OF 1

**DATA TO BE FILLED ALONG WITH THE BID FOR RAIL ERECTION CONTRACT**

<b>SR. NO.</b>	<b>DESCRIPTION</b>	<b>TENDERS OFFER</b>
1.0	Confirm that the system shall be realised as per technical specification, approved manufacturing drawings, bill of material to meet the functional requirement.	Yes / No
2.0	Confirm that Initial survey activities of the civil foundation bolts and necessary drilling of the soleplates shall be under vendor scope only.	Yes / No
3.0	Confirm that Repositioning & levelling of the soleplates and erection & commissioning of the same using of non shrink type grouting materials shall be under vendor scope only.	Yes / No
4.0	Confirm that Fixing of rail clips, lying of resilient pads, positioning & leveling of rails on the soleplates, and tightening of foundation bolts shall be under vendor scope only.	Yes / No
5.0	Curvature of 300 m mean radius for the track shall be achieved by adopting suitable method.	Yes / No
6.0	Confirm that, Installation of Cross track pieces/systems and side track shall be under scope of the vendor only.	Yes / No
7.0	Confirm that, transporting the material from designated storage area to erection / fabrication site including any intermediate material handling is the contractor responsibility. No dragging is allowed.	Yes / No
8.0	Confirm that, necessary arrangement for suitable material handlings and electrical power supply at SLC site shall be under vendor scope only.	Yes / No
9.0	Confirm that all the supply or bought out items are to be inspected by departmental representative at SLC site before application of the items.	Yes / No
10.0	Confirm that Rail erection shall be carried out as per ISO 12488-1:2025, Class 2 or equivalent standard.	Yes / No
11.0	Supply & Erection schedule shall be submitted along with offer.	Yes / No
12.0	Resources planning shall be submitted along with offer	Yes / No
13.0	Man power planning for erection shall be submitted	Yes / No
14.0	Confirm that testing and commissioning of the total system shall be carried out as per specification.	Yes / No

SIGNATURE :

NAME :

DESIGNATION:

SEAL OF THE COMPANY

DATE

SP PEC NO.:  
SLC- RAIL  
ERECTION-01

**SSLV LAUNCH COMPLEX**

SECTION: C7

**RAIL ERECTION CONTRACT**

SHEET : 1 OF 1

**CHECK LIST**

Sl no	Description	Response by supplier
1.	All documents related to Prequalification criteria mention in Section C2 have been met and all related documents are enclosed in technical Bid	Yes / No
2.	Are all the technical particulars as called for in the data sheets section A & B and commercial details as called for in schedule of prices filled up	Yes / No
3.	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.	Yes / No
5.	Validity of Offer is 4 months (minimum).	Yes / No
6.	Vendor Evaluation Format is attached	Yes / No
7.	Delivery Schedule with milestones	Yes / No
8.	Accepted the Departmental Payment Terms	Yes / No
9.	Are General terms and Conditions of Contract for Supply & Erection included in proposal acceptable?	Yes / No
10.	If not acceptable, are the deviations brought out in the "Schedule of Deviations"	Yes / No
11.	Are there any deviations from enquiry technical specifications?	Yes / No
12.	If there are technical deviations, are these filled in "Schedule of Deviations from Tech. Specifications"?	Yes / No
13.	Combined BG for SD as per Section: A1 , para 3.17	Yes / No
14.	Liquidated Damages are acceptable	Yes / No
15.	Last three years audited financial results are enclosed	Yes / No
16.	Registration certificate of the company is enclosed	Yes / No
17.	All the forms in Section C1 to C6 are filled	Yes / No
18.	Are all data sheets A/B duly filled in and submitted in offer	Yes / No
19.	Technical documents / drawings are attached along with technical bid	Yes / No
20.	Signed copy of the RFP document along with the document. <b>Any bids/offers with price details in Techno-Commercial Offer (Part -I) shall be rejected.</b>	Yes / No

Signature of the tenderer.