

भारत सरकार  
अंतरिक्ष विभाग  
सतीश धवन अंतरिक्ष केंद्र शार  
श्रीहरिकोटा रेंज डा.घ. 524 124  
श्री पोष्टि श्रीरामुलु नेल्लूर जिला, आं.प्र., भारत  
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## निविदा सूचना सं. TENDER NOTICE NO. SDSC SHAR/HPS/PT/RO-VALF/48/2026-27

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

क्र.सं. Sl No	संदर्भ सं. Ref. No.	विवरण Description	मात्रा Qty.
01	SDSC SHAR /VALF PURCHASE /VALF/ 2026000891 Scissor lift based LINAC Handling and Ground based Film Positioning System [Public Tender - Two Part]	Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system for Industrial radiographic purpose	1 Lot.


निविदा दस्तावेजों को डाउनलोड करने की अंतिम तिथि Last Date for downloading of tender documents : 13.07.2026 at 16:00 hrs.  
ऑनलाइन निविदा जमा करने की अंतिम तिथि Due Date for submission of bids online : 13.07.2026 at 16:30 hrs.  
निविदाएं खोलने की नियत तिथि Due Date for opening of tenders : 14.07.2026 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 शर्तों 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-प्रोकुरमेंट [www.eproc.isro.gov.in](http://www.eproc.isro.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.isro.gov.in](http://www.eproc.isro.gov.in) and submit the offer on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be considered.
- निविदा दस्तावेज इसरो की वेबसाइट [www.isro.gov.in](http://www.isro.gov.in) इसरो न्यू ई-प्रोकुरमेंट वेबसाइट [www.eproc.isro.gov.in](http://www.eproc.isro.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.
- प्रधान क्रय एवं भंडार, सतीश धवन अंतरिक्ष केंद्र श्रीहरिकोटा के पास किसी भी या सभी निविदाओं को स्वीकार / अस्वीकार करने का अधिकार है। / 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/10062026/F5RDJ2Y13CLG

दिनांक DT: 10.06.2026

  
प्रधान क्रय एवं भंडार  
HEAD PURCHASE AND STORES

भारतीय अंतरिक्ष अनुसंधान संगठन



Indian Space Research Organisation

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

**Tender for Scissor lift based LINAC handling and Ground based Film  
Positioning System**

**Bids to be submitted online**

**Tender No.: SDSC SHAR/VALF PURCHASE/SH202600089101 dated 12-06-2026**

## **A. Tender Details**

Tender No : **SDSC SHAR/VALF PURCHASE/SH202600089101**

Tender Date : **12-06-2026**

Tender Classification: **GOODS**

Purchase Entity : **VALF PURCHASE**

Centre : **SATISH DHAWAN SPACE CENTRE SHAR SRIHARIKOTA  
(SDSC SHAR)**

## **Scissor lift based LINAC handling and Ground based Film Positioning System**

GEM/GARPTS/10062026/F5RDJ2Y13CLG

As per tender documents

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

Bid Submission Start Date : **12-06-2026 14:30**

Bid Clarification Due Date : **17-06-2026 10:00**

Bid Submission Due Date : **13-07-2026 16:30**

Bid Opening Date : **14-07-2026 10:00**

Price Bid Opening Date : **31-07-2026 14:00**

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

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 - Scissor lift based LINAC handling and Ground based Film Positioning System

**1. FABRICATION OF X-RAY FIXTURES ---- Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system for Industrial radiographic purpose, as per the specification attached**

**Item specifications for FABRICATION OF X-RAY FIXTURES ---- Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system for Industrial radiographic purpose, as per the specification attached**

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system for Industrial radiographic purpose, as per the specification given below	System shall be realized as per tender specification document	Yes / No / Explain		

**Document : Tender Document**

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

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	General specification	Party shall comply the General and technical specification given in the tender document	Yes / No / Explain		

#### Supporting Documents required from Vendor

**1. Vendor shall attach the supportive documents for his commitments including pre qualification criteria**

**2. Land Boarder sharing declaration certificate**

**3. Udyam Certificate if claiming MSE purchase preference.**

**4. Self-declaration indicating percentage of local content along with location of value addition.**

**5. Experience certificate as mentioned in the attached RFP**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Full	Yes / No / Explain	
2	<p>As per the Notification No. 9/2025 - Integrated tax dated 17.09.2025, S. No. 462 and as per Notification No. 9/2025 - Central tax dated 17.09.2025, S. No. 462 issued by Ministry of Finance (Dept. of Revenue) &amp; Government of Andhra Pradesh, Revenue (Commercial Taxes) Department, G.O.MS.No. 345, Dated: 20.09.2025 S.No.462, SDSC SHAR is eligible to avail GST/IGST @5% for the procurements related to Scientific and technical instruments, apparatus, equipment, accessories, parts, components, spares, tools, mock ups and modules, raw material and consumables required for launch vehicles and satellites and payloads.</p> <p>End Use Certificate for availing GST/IGST @5% shall be issued in the event of PO.</p>	Yes / No / Explain	
3	<p>Please confirm here whether your quoted "UNIT PRICE" in our Price Bid is EXCLUDING GST or INCLUDING GST.</p> <p>----- 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.</p>	Yes / No / Explain	
4	Delivery Term FOR : SLC Project Site, Kulasekarappattinam (MANDATORY)	Yes / No / Explain	
5	Delivery Period required for delivery of the items/completion of total scope of work: Supply: Within 04 months from the date of release of PO. Commissioning & Demonstration : Within 01 month from the date of site clearance.	Yes / No / Explain	
6	Payment Term 100% payment shall be made through RTGS within 30 days of receipt, erection, commissioning, demonstration and acceptance of the item at our site.	Yes / No / Explain	

7	Warranty/Guarantee: Warranty/Guarantee for the offered item shall be from the date of acceptance of the item at our site for a minimum period of one year or specified in the tender document.	Yes / No / Explain	
8	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	
9	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	
10	Performance Bank Guarantee (PBG) You have to submit a BG/DD/FDR in lieu of PBG from a Nationalized / Scheduled Bank for 3% of the order value at the time of supply valid till the completion of warranty period plus 60 days towards claim period.	Yes / No / Explain	
11	Combined BG for PBG cum SD In case, if parties are unable to provide two separate BGs, i.e., one for SD & one for PBG, they can submit a combined BG for SD & PBG for 3% of the Order value valid till the completion of total contractual obligation (i.e., Supply period plus warranty period plus 60 days). Please confirm.	Yes / No / Explain	
12	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	

13	<p>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.</p>	Yes / No / Explain	
14	<p>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.</p>	Yes / No / Explain	
15	<p>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.</p>	Yes / No / Explain	
16	<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	

17	<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	
18	<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	
19	<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	

20	Please Select for the offered Product whether you are: (1) Manufacturer (2) Authorized Agent (3) Distributor (4) Dealer (5) Reseller (6) Others	Yes / No / Explain	
21	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.	Yes / No / Explain	
22	Address on which PO is to be placed and GSTIN	-	
23	Please provide valid/currently using E-mail Id & Contact no. for seeking further clarifications if any	-	
24	Remarks if any.	-	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	P&F IN PERCENTAGE	FREIGHT PERCENTAGE	Remark
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1	<p>FABRICATION OF X-RAY FIXTURES ---- Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system for Industrial radiographic purpose, as per the specification attached</p>	1.00 Lot		-				
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## **Annexure-1**

### **Technical Specifications of Custom made (Preferably Scissor lift based) LINAC Handling (Flame Proof) and Ground based Film Positioning System**

#### **1. Scope:**

Party has to Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system for Industrial radiographic purpose, as per the specification given below.

#### **2. Configuration:**

The LINAC (LINear ACelerator machine for X-ray production) machine, weighing 5t and Film positioning system (50 kgs) shall be manipulated as per user requirement for Radiographic process. The application of the system is in ex-proof environment and it is mandatory to use flame proof certified (Zone I class II) electrical components. The configuration shall include two Major independent sub-systems Viz.

- i) LINAC Handling System (SWL -5t) – Motorized for two operation
- ii) Film Positioning system (SWL-50Kgs) – Manually operated

##### **2.1. LINAC Handling System.**

The handling system shall carry the defined load of given dimension and shall be maneuvered in two axes for radiographic operations. It shall include two motorized movements, Viz, one for Up /Down and another for lateral movement, along the length of exposure hall. The up/down movements can be managed by utilizing hydraulic based configuration and the lateral movement, preferably wheel-based arrangement and wheel guided by rail or channel or bar type. Push button based operational controls shall be provided inside the exposure hall (flame proof). Suitable limit switches or mechanical stoppers shall be made available at cut off locations, that is at extreme point. The system shall halt at any dynamic locations in between the defined stroke limits.

##### **2.2. Film Positioning system.**

Film positioning system shall aid to position the film during the radiographic process. It is a ground-based system shall accommodate the user requirement, during the Horizontal and Vertical mode of radiographic process. The film positioning system shall move laterally as well

as vertically for the specified stroke(manual). A common system shall be envisaged, so as to accommodate the both requirements, Vertical and Horizontal mode of radiography. The preferable configuration shall include two vertical columns separated by a defined length and interconnecting rods or column between the vertical column. The system shall have film holder set up arrangement, which will slide horizontally and vertically in between the columns set up. The vertical movement of film holder may be with rope pulley-based arrangement for dynamic height adjustment. All the operations are manually controlled with suitable mechanical interlock.

### **3. Operational Philosophy:**

The LINAC handling system shall be operated inside the exposure bay, the ex-proof environment. Basically, it shall be a push button-controlled station or arrangement for the motorized movements and provision shall be made to stop/halt the system at locations in between the defined stroke/stretch. During the scissor lift operation, in particular up/down movements, the system shall be retain the dynamic height with respect to interval/time, that is the height location shall not be changed. A suitable cable management plan shall be arrived for cabling requirements inside the bay. The cable management system shall consider the LINAC cables and hoses to be routed inside the bay in addition to the handling system cables. The dimensions and number of LINAC cables is provided in this document for design purpose.

### **4. System Design:**

The design of mechanical and electrical components shall consider 125% of rated load, that is additional +25% for safety margin.

### **5. Major system Component/work.**

The system comprises of the following major components/works other than Design, Fabrication, Supply and Installation

- Scissor lift-based LINAC handling system
- Ground based Film Positioning System
- Cable management system (for LINAC handling and LINAC system)
- Rail or bar or channel-based guiding system for LINAC handling system and grouting work
- Film holders as per user requirements.
- Routing of customer LINAC cables in cable management system.

## 6. Functional Requirement

### 6.1. Scissor lift-based LINAC handling system.

Sl. No.	Parameter	Description
1.	Scope of work	<ul style="list-style-type: none"> <li>✓ Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system</li> <li>✓ The scissors lift shall be easily maneuverable on concrete floor with suitable guiding</li> </ul>
2.	End use	Industrial radiography purpose ( For Handling of LINAC Head)
3.	Working safety zone	Zone-1, Gas Group IIA/IIB, T4 (135°C)
4.	Flameproof certification	<ul style="list-style-type: none"> <li>✓ All flameproof components shall be ATEX compliant.</li> <li>✓ The equipment shall be designed as per applicable Indian /international standards.</li> </ul>
5.	Platform capacity (SWL)	5 ton
6.	Minimum and maximum height of the platform	1000 mm minimum and 5000 mm max from ground level
7.	Platform size, mm	3000 L × 1500 W × 1000 H or Nearest standard size ( Suitable to accommodate the LINAC K15 X-ray head)
8.	Platform up / down movement	Preferably hydraulic based
9.	Speed (up / down)	Within the Range 500 to 1500 mm / minute
10.	Scissor lift lateral movement stroke and speed	20 meters, within the Range 300 to 1000 mm / minute
11.	Wheelbase.	Standard size or as per design
12.	Gear box / shafts / raw material selection	As per Indian / International standard. ( make to be approved by Department)
13.	Power pack position	Inside the scissor lift or as per design
14.	Wheel type	Flange type or as per design or as per guiding selection
15.	Grouting of rail	Supplier scope.

16.	Electric system details	<ul style="list-style-type: none"> <li>• Hydraulic pump driven by flame proof electrical motor, 3 phase electrical supply shall be provided</li> <li>• Electrical system and components shall be suitable for operating in hazardous environment Zone-1, Gas group, IIA/IIB, T4 (135°C)</li> </ul>
17.	Operation Controls	<ul style="list-style-type: none"> <li>• Local push button station inside the exposure hall (flame proof)</li> </ul>
18.	Controls	<ul style="list-style-type: none"> <li>• Push button for UP/DOWN movements</li> <li>• Push button for Lateral movement (Left &amp; Right)</li> <li>• Emergency OFF</li> <li>• Power indication lamp</li> <li>• Main power ON/OFF</li> </ul> <p>It is the minimum requirement</p>
19.	Hydraulic control	<ul style="list-style-type: none"> <li>• Gear pump, return line filter and all other hydraulic components shall be of reputed make. (make of all the components shall specified in the offer)</li> <li>• Pistons are made from EN 8 rod with hard chrome plating to ensure a long life.</li> </ul>
20.	Hydraulic power pack	<ul style="list-style-type: none"> <li>• Direction control solenoid valve shall be provided for lowering/raising the scissor lift.</li> <li>• Flow control valve shall be provided for ascent and descent speed control.</li> <li>• Poppet cartridge valve shall be provided to ensure minimum leakage in hydraulic system.</li> <li>• At any intermediate position, the platform shall not get down on its own. Suitable arrangement for motion arrestor to be provided.</li> </ul>
21.	Additional features to be provided	<ul style="list-style-type: none"> <li>• The base of the platform shall be provided with pockets (inverted "C") of inner envelope for handling with fork lift.</li> <li>• The control box containing electrical controls and emergency stop switch shall be provided at suitable location.</li> <li>• For handling of scissor lift by crane using belts, suitable brackets shall be provided on four corners of the equipment.</li> </ul>

		<ul style="list-style-type: none"> <li>• Maximum height limit switch to be provided at appropriate location.</li> <li>• Wheel stoppers when equipment at rest shall be provided.</li> </ul>
22.	Safety features to be provided	<ul style="list-style-type: none"> <li>• Load holding valves and hose rupture safety valves shall be provided.</li> <li>• Emergency manual lowering valve shall be provided at suitable location.</li> <li>• Four numbers of anti-static Earth link chains shall be provided touching the ground behind the wheels</li> <li>• Non return valve should be provided to freeze the top platform instantaneously in case of electric power supply failure.</li> <li>• High pressure flexible hoses shall be double wire braided and rated for 1.5 times (min.) of operating pressure.</li> <li>• Suitable mechanical locks should be provided for maintenance / operational purpose.</li> <li>• Electrical power loss or hydraulic valve failure shall freeze the top platform immediately.</li> <li>•</li> </ul>
23.	Other requirements	<ul style="list-style-type: none"> <li>• High pressure flexible hose assembly wire braided and rate for suitable pressure. Corresponding test certificates shall be submitted.</li> <li>• Main structure shall be made of suitable structural members for maximum strength and rigidity.</li> <li>• Cylinders and cylinder rods shall be grounded to high precision and hard chrome plated for wear and corrosion resistance and shall be provided with long life seals.</li> <li>• The equipment shall be painted with Oxford Blue (Spray finish). It is preferable</li> <li>• All bought out items test certificates and materials certificates shall be furnished.</li> <li>• Brought out items data sheets shall be provided</li> </ul>
24.	Brought out items ( Makes are Preferable only)	<p>Electrical switch gear : Siemens  Electrical motor (flameproof) : Bharat Bijlee/Crompton/ABB  Power cables (braided with galvanized steel wire cable, flameproof) : LAPP  flameproof valves : ATOS  Hydraulic piston &amp; cylinder: ISLAND hydraulic/Parker</p>

		<p>High pressure hose assembly:Parker hose with Hydro line fittings.          Flame proof box : FCG/Baliga          Limit Switch :(M/s. Sterling controls / Speed-O-Control / Electromag)</p>
25.	Electrical operations	<ul style="list-style-type: none"> <li>• 3Phase, 50Hz, Indian standard power supply</li> <li>• The necessary Contactors, MCBs, relays &amp; etc shall be provided</li> <li>• Any electrical items are required to meet the operation conditions, the same shall be arranged</li> <li>• The necessary grounding scheme and earthing cable up to earth pit shall be provided</li> </ul>

### 6.3. Film Positioning system:

Sl. No.	Parameter	Description
1.	Scope of work	<ul style="list-style-type: none"> <li>✓ Design, Fabrication, Supply and Installation of Scissor lift, (flame proof) based LINAC (SWL 5t) handling and Film (SWL 50Kgs) Positioning system</li> <li>✓ The system shall be easily positioned / anchored on concrete floor with suitable grouting</li> </ul>
2.	End use	Industrial radiography purpose (for holding X-ray films)
3.	Working safety zone	Zone-1, Gas Group IIA/IIB, T4 (135°C)
4.	Film Holder (SWL)	50 Kgs
5.	Configuration	As per the Sketch attached
6.	Minimum and maximum height of the film holder to be adjusted	1000 mm minimum and 5000 mm max from ground level
7.	Film Holder size, mm	<p>It is a channel-based configuration shall accommodate films, in a row. The size of each film / cassettes is 420X320X15mm.</p> <ol style="list-style-type: none"> <li>1. The overall size of the holder that can accommodate the film/cassettes, qty 2 nos, 810 X 320 x 15mm approx. Overlap of 30 mm considered between two films stack.</li> </ol>

		<p>2. For three films /cassette, 320 mm side, the overall holder length, 900 X 420 X 15 mm. approx</p> <p>3. Half film cassette holder, overall size, 800 X 170 X 15 mm with overlap of 30 mm considered.</p> <p>All three type of cassette/film holder shall be supplied along with the system.</p>
8.	Film positioning system lateral movements (left Right)	With in the range of 7000 mm to 8000mm. Splitting configuration also accepted, that is 4000 + 4000mm
9.	Film positioning system UP/DOWN movement and configuration	Within the Range 1000 to 4500 mm Configuration preferably rope pulley mechanism for height adjustment.
10.	Locking arrangement for drum	Shall be provided for rope drum.
11.	Positioning of film holder	Projection of 300 to 500 mm is preferred for film holder with respect to main column.
12.	Structural elements	All structural elements are as per Indian or International standard.
13.	Grouting	Supplier scope.

### 6.3. Cable Management System

Sl. No.	Parameter	Description
1.	Scope of work	<p>✓ Suitable cable management system shall be provided along with the system</p> <p>✓ The system shall be easily positioned / anchored on concrete wall with suitable grouting</p>
2.	End use	Industrial radiography purpose
3.	Working safety zone	Zone-1, Gas Group IIA/IIB, T4 (135°C)
4.	Exposure hall /bay length	25 meters (L)
5.	Elevation of cable management	Within 8000 mm to 9000 mm
6.	Length of the system	Based on bay length
7.	Number of LINAC cables to be included in the cable system in addition to Handling system cables	<p>The dimension of hoses/cables, Ø 150mm(2Nos.) Ø15mm (8Nos.), Ø 25-30mm (7Nos.). The minimum bending radius for LINAC cable is 305mm and hoses is 255mm</p> <p>The LINAC cables and hoses shall be supplied by the Customer and Vendor has to do the routing. The</p>

		cable management system shall drag cables along with Scissor lift during the lateral movement.
8.	Grouting	Supplier scope.
9.	Minimum and maximum height of the film holder to be adjusted	1000 mm minimum and 5000 mm max from ground level

## 7. Bidding Process

Two part Bid :

- A. Techno commercial – Part 1
- B. Price bid – Part 2

The price bid of Techno-Commercially qualified vendor shall be opened

Bid contains the price details of the offered item during techno-commercial stage shall be rejected

## 8. Payment Term

100% payment shall be made after erection, commissioning and acceptance of the system at SLC Project site.

## 9. VALIDITY OF OFFER

The offer shall be valid for 120 days from the date of opening the bids. In case of any delay in obtaining technical clarifications from the supplier due to incomplete bid, the validity shall be extended accordingly.

## 10. DELIVERY SCHEDULE

Supplier shall deliver the LINAC handling and film positioning system at SLC site, near Kulasekaranpattinam, Thoothukudi Dist, Tamilnadu within 04 months from the date of release of purchase order from SDSC SHAR and commission & demonstration of the rated performance of the systems as per the tender document shall be within 01 month from the date of clearance given by the department for erection and commissioning.

## 11. TAXES

As per the Notification No. 9/2025 - Integrated tax dated 17.09.2025, S. No. 462 and as per Notification No. 9/2025 - Central tax dated 17.09.2025, S. No. 462 issued by Ministry of Finance (Dept. of Revenue) & Government of Andhra Pradesh, Revenue (Commercial Taxes) Department, G.O.MS.No. 345, Dated: 20.09.2025 S.No.462, SDSC SHAR is eligible to avail

GST/IGST @5% for the procurements related to Scientific and technical instruments, apparatus, equipment, accessories, parts, components, spares, tools, mock ups and modules, raw material and consumables required for launch vehicles and satellites and payloads.

End Use Certificate for availing GST/IGST @5% will be issued in the event of PO.

#### **12. LIQUIDATED DAMAGES**

If the Supplier fails to deliver the Stores within the time specified in the contract or any extension thereof, the Purchaser shall recover from the Supplier as liquidated damages a sum of 0.5 percent per calendar week or part thereof of the PO value of the Installation work. The total liquidated damages shall not exceed ten percent (10 percent) of the contract price of the unit.

#### **13. PERFORMANCE BANK GUARANTEE (PBG):**

Successful vendor has to submit a BG/DD/FDR in lieu of PBG from a Commercial / Scheduled Bank for 3% of the order value after commissioning and acceptance of LINAC handling system, valid till the completion of warranty period plus 60 days towards claim period.

#### **14. SECURITY DEPOSIT (SD)**

3% value of the order shall be deposited with SDSC within 10 days from the date of the Purchase Order towards security deposit in the form of Bank Guarantee (BG)/ FDR/DD towards performance of the Contract valid till completion of the contract period plus 60 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).

#### **15. Combined BG for PBG cum SD**

In case, if parties are unable to provide two separate BGs, i.e., one for SD & one for PBG, they can submit a combined BG for SD & PBG for 3% of the Order value valid till the completion of total contractual obligation plus 60days. (i.e., Supply period plus warranty period plus 60 days).

Note: No interest shall be payable on any bank guarantee.

#### **16. 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.

#### **17. 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 & directives related including latest amendments (if any) is applicable for this tender.

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 & the details of Location(s) at which value addition is made in the offered product.

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.

#### **18. Land Boarder Sharing Declaration**

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. Please upload the declaration in this regard.

#### **19. Other Terms and Conditions**

1. The item shall be delivered along with the necessary accessories at SLC site, ISRO, near Kulasekaranpattinam, Thoothukudi Dist, Tamilnadu.

2. All material handling equipments, special purpose tools/fixtures, loads required during erection & commissioning shall be arranged by supplier.
3. **LINAC Handling (Scissor lift) System:**
  - a) Supplier shall submit the general arrangement/Configuration drawings along with quotation and this configuration shall meet all the manipulation requirements specified in this document.
  - b) Supplier shall submit all design details of systems for clearance by purchaser before commencing the fabrication work.
  - c) Supplier shall submit the structural analysis of critical structural members of manipulator based on the system configuration for clearing the design.
  - d) Design of subsystem components shall be as per the IS standards and other elements not covered shall be designed & supplied based on the SDSC SHAR guidelines for design clearance.
4. Providing acceptance test & measurement procedures and test certificates for the system for the acceptance tests at supplier's site prior to dispatch of the systems to SLC.
5. Supplier shall arrange for inspection of the system by the purchaser at the supplier's premises for ensuring /meeting the specifications.
6. Supplier shall be responsible for attending major breakdowns for a period of one year after commissioning of the Manipulator system at SLC at no additional cost.
7. No logistics and lodging support shall be provided by the supplier.
8. Any civil works related for work completion shall be supplier's scope.
9. Supplier shall arrange the dummy load for required weight for load test at supplier site and customer site.

## **20. Vendor Qualification Criteria**

- A. Tenderer should have been supplied scissor lift, flame proof-based system of handling capacity 2.5 ton and hoist stroke at least 3 meters to any agency. The supply made within last five years ending with 31-03-2026 and corresponding PO shall be attached.

or

Tenderer had supplied, telescopic mast guided, overhead based handling system for precise handling & Control of scientific equipment, weighing 500 kgs minimum and in at least 2-axis movements. The tenderer, made the above defined work in last 05 years ending with 31-03-2026 and corresponding PO shall be attached.

or

Tenderer had supplied LINAC handling system to any agency with in last 05 years ending with 31-03-2026 and corresponding PO shall be attached.

or

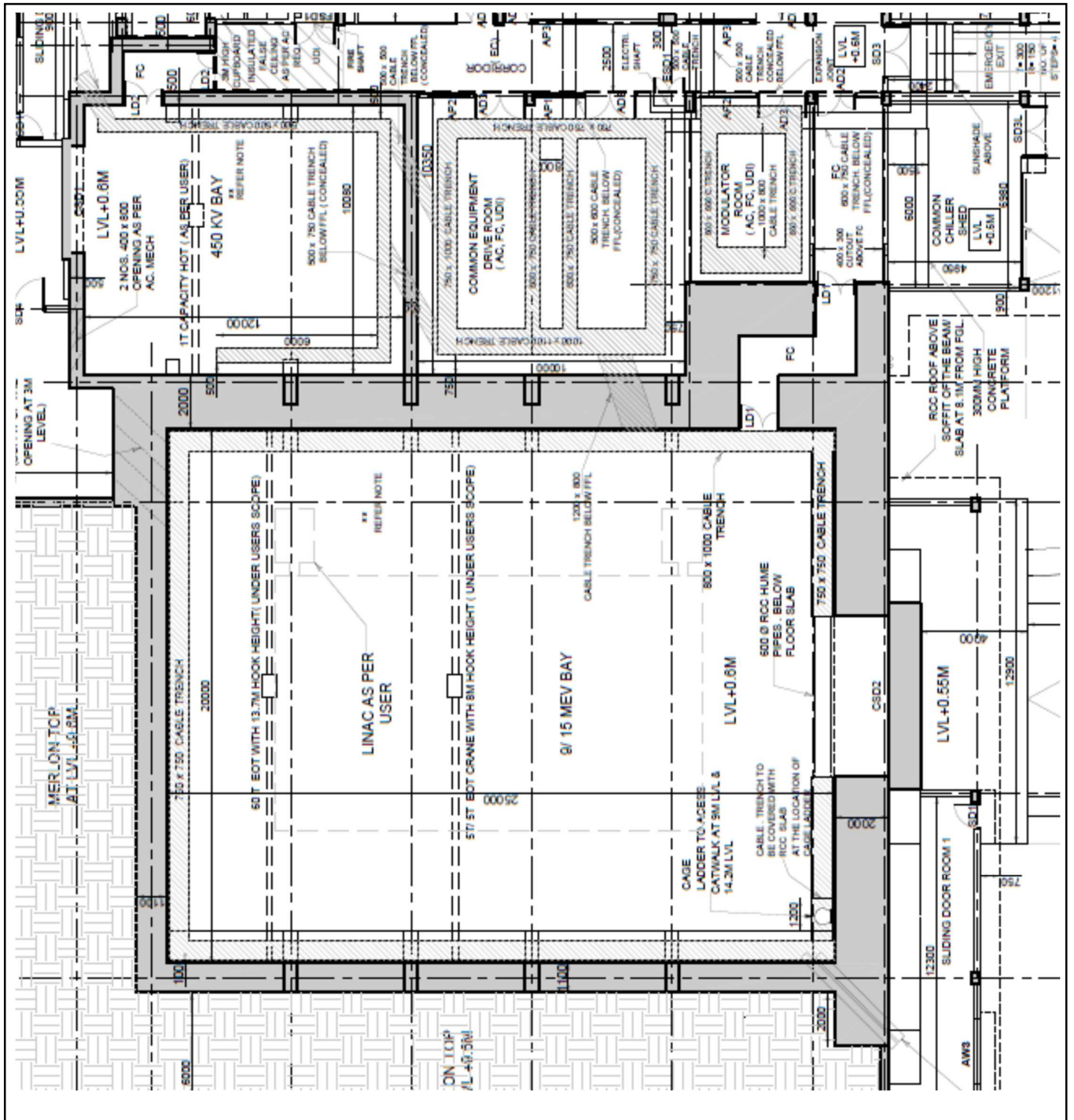
Tenderer for supplying the system shall have experience in the field of design, supply and erection & commissioning of manipulator systems for precision control of scientific equipment, Weighing 100 Kg Minimum and manipulation movements in at least 3-axis. The tenderer, executed the above defined work in last 05 years ending with 31-03-2026 and corresponding PO shall be attached.

**PRICE BID FORMAT**

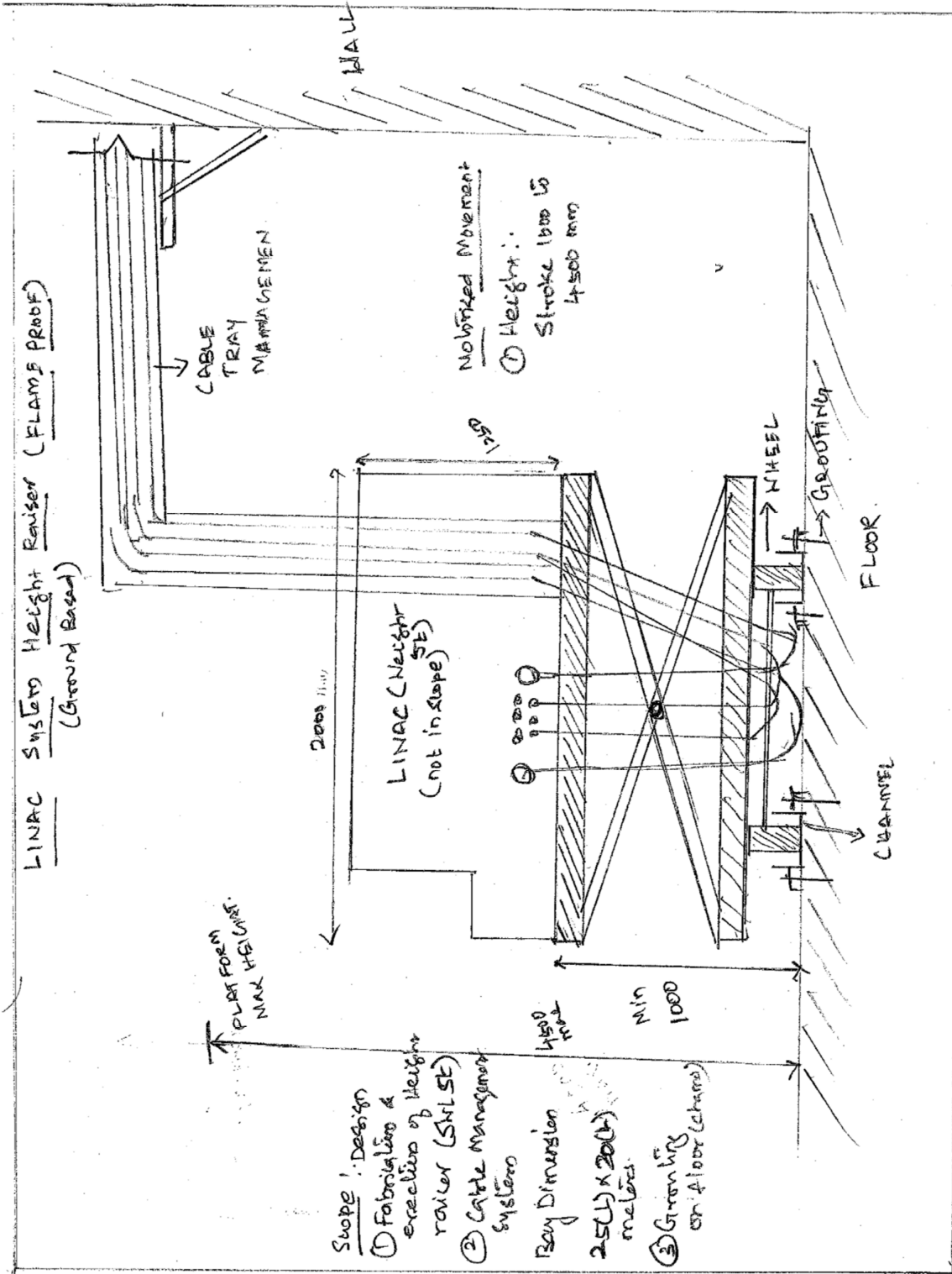
<b>S. No.</b>	<b>Description of the item</b>	<b>Unit</b>	<b>Cost</b>
1	Supply of Scissor lift-based LINAC handling and Ground based Film Positioning system as per the specifications given in the tender document	1 No	
2	Erection and Commissioning charges for the system	1 No	
		GST	
		Total Cost (Rs)	

Note: The Price bid shall be uploaded only in the price bid stage (i.e Part 2) and not in technical stage. Any disclosing of price during the technical stage, liable to rejection of offer.

NDT exposure bay configuration:



Sketches (for understanding purpose)



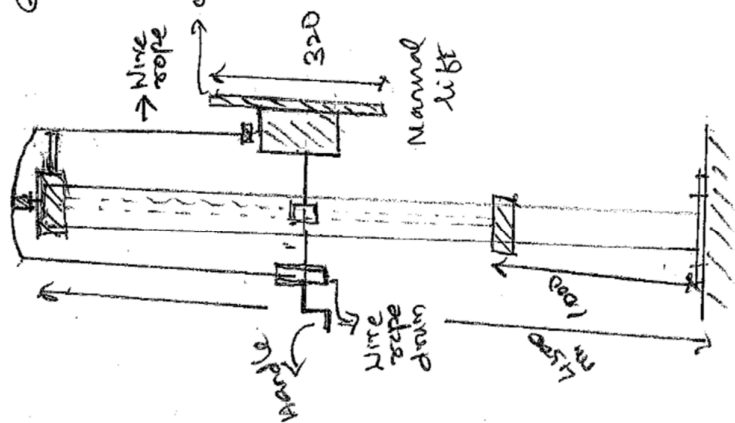
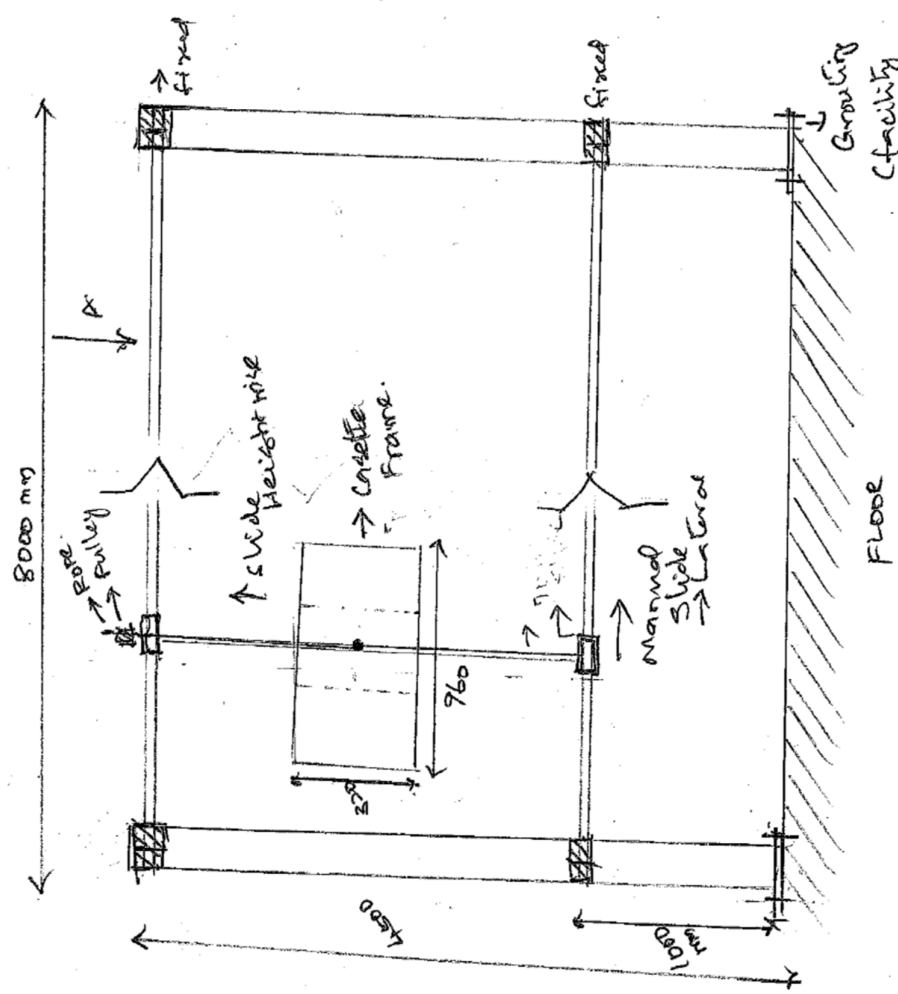
# FILM POSITIONING SYSTEM (MANUAL) SWL : 50kg.

(Ground Based)

## Requirements

- ① Ground based system
- ② Manual slide over 8000mm stretch
- ③ Manual height adjustment.

- ④ Cassette frame detachable
- ⑤ Number of cassette frame required 2 nos.
- ⑥ Design fabrication & supply.



Graveling  
Facility  
for lateral  
movement  
(max 500mm)