



Chennai Metro Rail Limited
(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)

NIT.No: CMRL/RS/34/2018

Date: 06.08.2018

Sub: E-tender for “supply and application of Epoxy floor coating of 2 mm thickness in RS Shed walkway at CMRL Koyambedu Depot” – Invitation of online bids.

Chennai Metro Rail Limited (CMRL) invites online tenders from reputed manufacturers & suppliers through e-procurement under single stage two bid system for Supply and application of Epoxy floor coating of 2 mm thickness in RS Shed walkway at CMRL Koyambedu Depot having the following details:-

Sl. No.	Name of the Item	Qty.	Specifications.
1.	Supply and application of Epoxy floor coating of 2 mm thickness in RS Shed walkway at CMRL Koyambedu Depot	1,975.25 sq.m (Approx.)	Detailed technical specifications and compliance sheets are attached in <u>Annexure -A</u>

1. Scope of work:-

- i. The supplier shall Supply and apply the Epoxy floor coating of 2 mm thickness in RS Shed walkway at CMRL Koyambedu Depot.
- ii. The supplier shall quote the rate including man power and other applicable charges.

2. Special Condition:

- i. Supplier shall visit the site and confirm the measurements. The payment will be made on actual measurement.
- ii. Water and Electricity required during applying the epoxy will be provided by at CMRL free of cost.
- iii. A competent supervisor shall be available during application of epoxy.
- iv. All the test certificates and MSDS of material to be used for the flooring shall be submitted along with the tender documents to CMRL. The contractor shall prove CMRL that a minimum of 2 mm thickness of floor coating is provided at various locations at the discretion of CMRL.
- v. Transportation of men and material shall be arranged by the contractor at his own cost, till the completion of work.

3. Safety:

- i. The supplier shall be solely liable for and shall indemnify CMRL in respect of any liability, loss, claim or proceeding whatsoever, arising under any legislation in respect of personal injury to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the work whether or not due to his negligence.
- ii. The supplier shall adhere to all safety norms required for carrying out the said work.
- iii. The supplier’s representative shall obtain “work permit” from CMRL staff on daily basis for execution of the said work.

4. Instructions to the Bidders:

- a. **CPP portal:** The procurements of goods and services of CMRL will be done through e-procurement. This is implemented to ensure free & fair vendor participation, and to ensure greater transparency in procurement.
 - b. **Eligibility to participate in tender:**
 - i. Tenders are open to all eligible bidders. In order to submit the bid, the bidders have to get themselves registered on-line on the e-procurement portal (<http://eprocure.gov.in/eprocure/app>) with valid Class II/ III Digital Signature Certificate (DSC) issued from any agency authorized by Controller of Certifying Authority (CCA), Govt. of India.
 - ii. The on-line registration of the bidders on the portal will be free of cost and one time activity only. If the bidder is an individual person then he should register himself under “**Individual**” category and if the bidder is a proprietorship firm/partnership firm/Joint venture/company/consortium then registration should be under “**Corporate**” category.
 - iii. The registration must be in the name of bidder, whereas DSC holder may be either bidder himself or authorized person.
 - c. **Enrolment:**

To participate in e-procurement all vendors must enroll themselves with the CPP portal. The procedure mentioned below is to be followed:

 - i. Go to “<http://eprocure.gov.in/eprocure/app>” web site.
 - ii. Click on “**Click here to enroll**”. It will take you to ‘**on line enrolment**’ screen.
 - iii. Against **User type**, select either ‘**individual**’ or ‘**corporate**’.
 - iv. Specify your **log in ID**, indicated in the application while applying for DSC.
 - v. Create your own **password**. Before creating, refer to ‘**Password Policy**’ that appears on the right side of the screen. Password should be in accordance with that policy.
 - vi. **Confirm the password** once again.
 - vii. Click on “**Next**”.
 - viii. You will see a screen which will have several fields. Please fill as many fields as possible, but keep in mind **to fill all mandatory fields which are marked with an asterisk (*)**.
 - ix. After entering the fields, click on “**Submit**”.
 - x. You will get a message that Log in ID registered successfully, that completes your entry.
 - d. The bidder shall submit the bids on line in the system available at the e-procurement portal (<http://eprocure.gov.in/eprocure/app>). The bidder has to agree to the on-line user portal agreement. Then only the system will permit the bidder to proceed further in the system.
 - e. The bidder shall fill all mandatory fields indicated by an asterisk (*). All documents indicated to be submitted in ‘cover details’ are to be enclosed without fail. These documents are to be uploaded only in .doc or .pdf or .jpg or .rar formats.
 - f. **Price Bid:**
 - i. The Price bid containing the Price schedule will be in excel format and the bidder shall quote the rates, taxes & duties etc. for his offered services on this excel file only. Where, any row or column is not applicable, the bidder has to indicate ‘0’ against this and no cells shall be left blank.
 - ii. Lowest bidder shall be chosen on the value as specified in “**Total**” value (inclusive of all taxes, duties and other charges) of the price schedule.
 - iii. The bidder may modify and resubmit the bid on-line, if he wishes so, before the bid submission date and time.
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- iv. The system will accept only the last submitted bid. Bidder can find out the status of his tender on line, any time after opening the bids.
 - v. The bidder shall not rename the Price Schedule file (BOQ) or modify the format while uploading in the system. The file name should be the same as the file given in the tender.
 - vi. All bids are to be submitted on-line on the website (<http://eprocure.gov.in/eprocure/app>).
- g. Withdrawal of bid:** The bidder may withdraw already submitted bid before the bid submission date and time.
- 5. Bid security (EMD - Earnest Money Deposit):**
- i The EMD shall be made payable without any condition to the CMRL. An amount of ***Rs.14,800/- (Rupees – Fourteen Thousand Eight Hundred Only)*** is required to be paid online through NEFT/RTGS to CMRL Bank Account (provided in NIT), as bid security. All bidders including those who possess NSIC, SSIC certificate etc. shall pay EMD in full. The UTR no. is required to be filled in technical specifications & compliance sheet (**Annexure - A**) and same need to be signed and submitted along with the techno-commercial bid.
 - ii All bidders shall submit proof of payment for EMD along with the bid documents. Any bid document submitted without the EMD in the approved form shall be summarily rejected. **No interest is payable for the EMD amount.**
 - iii Bid securities of the unsuccessful bidders will be returned on or before the 30th day after the placing of Letter of Acceptance.
 - iv The successful bidder's bid security will be returned after receipt of performance security.
 - v The EMD may be forfeited: -
 - a. If the bidder withdraw/modify his tender during the period of tender validity.
 - b. In case of a successful bidder fails to: -
 - Revokes or cancel their tender after submission or vary any terms thereof without the consent of the CMRL.
 - Changes/varies any terms and conditions mentioned in P.O. thereof without the consent of the CMRL.

6. Warranty & Guarantee:

- a. Supplier is required to, without charge, repair or rectify defective goods or to replace such goods with similar goods free from defects. Any goods repaired or replaced by the supplier shall be delivered at the CMRL premises without costs to the CMRL.
- b. Minimum one year warranty / guarantee (**applicable from the date of Acceptance of the items by CMRL**) should be given in the form of certificate indicating the warranty period along with the terms & conditions for the warranty / guarantee.

7. Delivery details:

The supply and application of epoxy shall be completed at Koyambedu Depot within 04 weeks from the date of reception of Letter of Acceptance.

8. Evaluation of bid:

- i. All quotations will be evaluated and compared based on the substantial responsiveness to the technical specification and commercial conditions set out in the bidding documents and fully conforming to the terms and conditions
- ii. The tenderer has to completely fill all the spaces in price schedule in excel format and upload the same as financial bid.

- iii. The techno-commercial bids will be decrypted and opened online, on or after the scheduled dates and time. Till such time, the bids will be only in the encrypted form. After the scheduled time, the bids will be opened by stipulated bid openers with their Digital Signature Certificates (DSC). The technical-bids shall be evaluated based on the information furnished by bidders. If any clarification is required from bidder, CMRL will seek such clarifications
- iv. After evaluation of technical-bids, only successful bidders who have participated in the tender will be informed regarding the acceptance of their tender. Thereafter, a system generated e-mail confirmation will be sent to the successful bidders communicating the date and time of opening of price-bid
- v. The price-bid of the successful bidders (qualified in technical-bid) will be decrypted and opened on-line, on or after the scheduled date and time by the bid openers with their Digital Signature Certificates (DSC).
- vi. Techno-commercially qualified bids will be evaluated on the value as specified in “**Total**” value (inclusive of all taxes, duties and other charges) of the price schedule.
- vii. The system will generate a comparative statement. Therefore, all costs are to be indicated in the price schedule format. The successful bidders will get the information regarding the status of their financial bid and ranking of bidders on website
- viii. The purchase order will be issued to the lowest techno-commercially qualified bidder subject to fulfilling other requirements specified in this tender document.
- ix. No representations will be entertained in the matter of selection of the L1 bidder.
- x. CMRL reserves the right to accept or reject any tender without assigning any reason thereof at any stage. CMRL reserves the right to alter the conditions of the tender schedule in appropriate cases, in the interest of CMRL
- xi. CMRL reserves the right not to return back or disclose any documents that are submitted along with this tender.

9. Payment terms:

100% payment would be released through RTGS/NEFT within thirty days on receipt and acceptance of items against the following documents:

- a) Original invoice duly signed by the authorized signatory
- b) Item acceptance certificate duly signed and sealed from authorized representative of CMRL after delivery and installation of all the items as mentioned in PO.
- c) Warranty certificate for the items supplied

In case if you are registered under MSME Act, 2006, the copy of the registration certificate to be provided.

10. Failure and Termination

If the supplier fails to deliver the supply and application of Epoxy within the period fixed for such delivery in the order or at any time repudiates the order before the expiry of such period, the CMRL may without prejudice to its other rights:-

- a. Recover from the contractor as agreed Liquidated Damages (LD) 1% of the total order value inclusive of all taxes and other charges, for every one week delay. If the delay is less than seven days, it will be considered as one week.
- b. Maximum limit for LDs' shall not exceed 10% of the total order value.
- a. When the maximum limit in levy of LDs' is penalized, CMRL may cancel the order. CMRL may purchase from an alternate supplier at the risk and cost of the defaulting supplier and any difference in cost of purchase shall be recovered from the defaulting supplier.

11. Extension of date of delivery:

If such failure as in the aforesaid clause 10, shall have arisen from any cause which the CMRL may admit as reasonable grounds for extension of time, the CMRL shall allow such additional time as it considers to be justified by the circumstances of the case and shall forego the whole or such part of loss or damage, as it may consider reasonable. Any failure or delay on the part of sub-contractor shall not be admitted as a reasonable ground for any extension of time or for exempting the supplier from liability for such loss or damage as aforesaid.

12. Validity of Quotation:

Quotation shall remain valid for a period of **180 days** from the date of submission.

13. Supply of items:

The number of items to be supplied is indicative only and the same may be varied during the period of bid validity period. The bidders should provide the item as per the rate quoted in the bid based on the requirement of CMRL.

14. Performance Security:

- i. To ensure due performance of the contract, Performance Security is to be given from any **Scheduled Bank in India** by the successful bidder.
- ii. **Performance Security will be 10% of the total value of the Letter of Acceptance.** Performance Security may be furnished in the form of an account payee demand draft payable in Chennai from any **Scheduled Bank in India**, in favour of **“Chennai Metro Rail Limited”** or irrevocable bank guarantee in a prescribed form.
- iii. *Within **14 days** of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security form provided in the bidding documents.*
- iv. **Performance Security should remain valid for a period of 02 months beyond the date of completion of all contractual obligations of the supplier including warranty obligations.** No interest will be paid for the Performance security during the validity period.
- v. The proceeds of the performance security shall be payable to the CMRL as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- vi. If the successful Bidder fails to furnish a Performance Security, then the Earnest Money Deposit shall be liable to be forfeited by the Purchaser.

15. Bidder details:

The bidder has to fill in the vendor detail form enclosed with this tender document as **Annexure-B** and same shall be uploaded in CPP portal along with the bid.

16. Jurisdiction:

All questions disputes or differences under, out of, or in connection with contract if included shall be subject to the exclusive jurisdiction of the court within the Chennai Jurisdiction. The English language shall be the official language for all purposes.

17. Acceptance of terms & conditions:

Bidders are requested to submit the sealed and signed copy of this tender document along with quotation as acceptance of all terms & conditions.

- 18.** In the event of the contractor backing out/violation of the contract in the midway without any explicit consent of CMRL, the contractor will be liable for the recovery of higher rates vis-a-vis

contracted rates, which may have to be incurred by CMRL on procurement of said item by alternative means.

19. Late/delayed tenders by any means shall not be accepted by CPP portal. Any other means of tender submission will not be accepted by CMRL. The Tender Inviting Authority is

Joint General Manager (RS),
Chennai Metro Rail Limited,
CMRL depot, Admin Building, Poonamallee High Road,
(Adjacent to Koyambedu Metro Station), Koyambedu, Chennai – 107”
E-Mail – dgmrs@cmrl.in.

20. It shall be the responsibility of the tenderer to ensure that his tender is submitted on time before the deadline of submission through CPP portal.

21. Amendment of bid document:

At any time prior to the deadline for submission of bid, the CMRL may for any reason, whether at its own initiative or in response to clarifications requested by a Bidder, modify the bid document by the issuance of addenda on its official website www.chennai-metro-rail.org and the e-procurement portal (<http://eprocure.gov.in/eprocure/app>) or through email.

With regards,

S. Satheesh prabhu
Joint General Manager (RSO)
For & on behalf of CMRL

Note:- If due to any exigency, the due date for opening of tender is declared closed holiday, in such case the tenders will be opened on next working day at the same time or any other day/time as intimated by the CMRL.

Technical Specifications & Compliance sheet

Sl. No.	Technical Compliance		To be filled and signed by the bidder	
	Particulars	Description	Compliance (Write YES or NO only)	If NO, state the deviation
1	Scope of work	Supply and application of Epoxy floor coating of 2 mm thickness in RS Shed walkway at CMRL Koyambedu Depot		
2	Physical attributes	The total thickness of coating shall not be less than 2 mm at any location in the flooring.		
		The floor coating shall be Non-slip and washable.		
		The floor coating shall seamless and hygienic finish.		
		The coating shall offer excellent resistance to all chemicals, acids, lube oils and grease.		
		It shall be capable of resisting compressive forces offered by rubber wheels of Fork lifts, Scissors lifts and other vehicles, without cracking.		
		The coating shall possess a high abrasion resistance.		
		Coating shall be non-toxic and shall not emit any objectionable odour.		
3	Colour	a. General working area: RAL 6001 Emerald Green. b. Walking area: RAL 5002 Ultramarine Blue.		
4	Gloss	It shall be above 70GU (High Gloss) @ 60° Angle.		
5	Aisle Marking	It shall be RAL 1003 (Signal Yellow) 100 mm width.		
6	Epoxy application and Aisle Marking Location	Attached in Annexure “C”		
7	Slip Resistance	Method described in BS 7976-2 (typical values for 4-S rubber slider) Dry 67 & In wet condition, at least 36.		
8	Fire Resistance	BS476:Part 7 Surface spread of flame: Class 2 (indicative)		

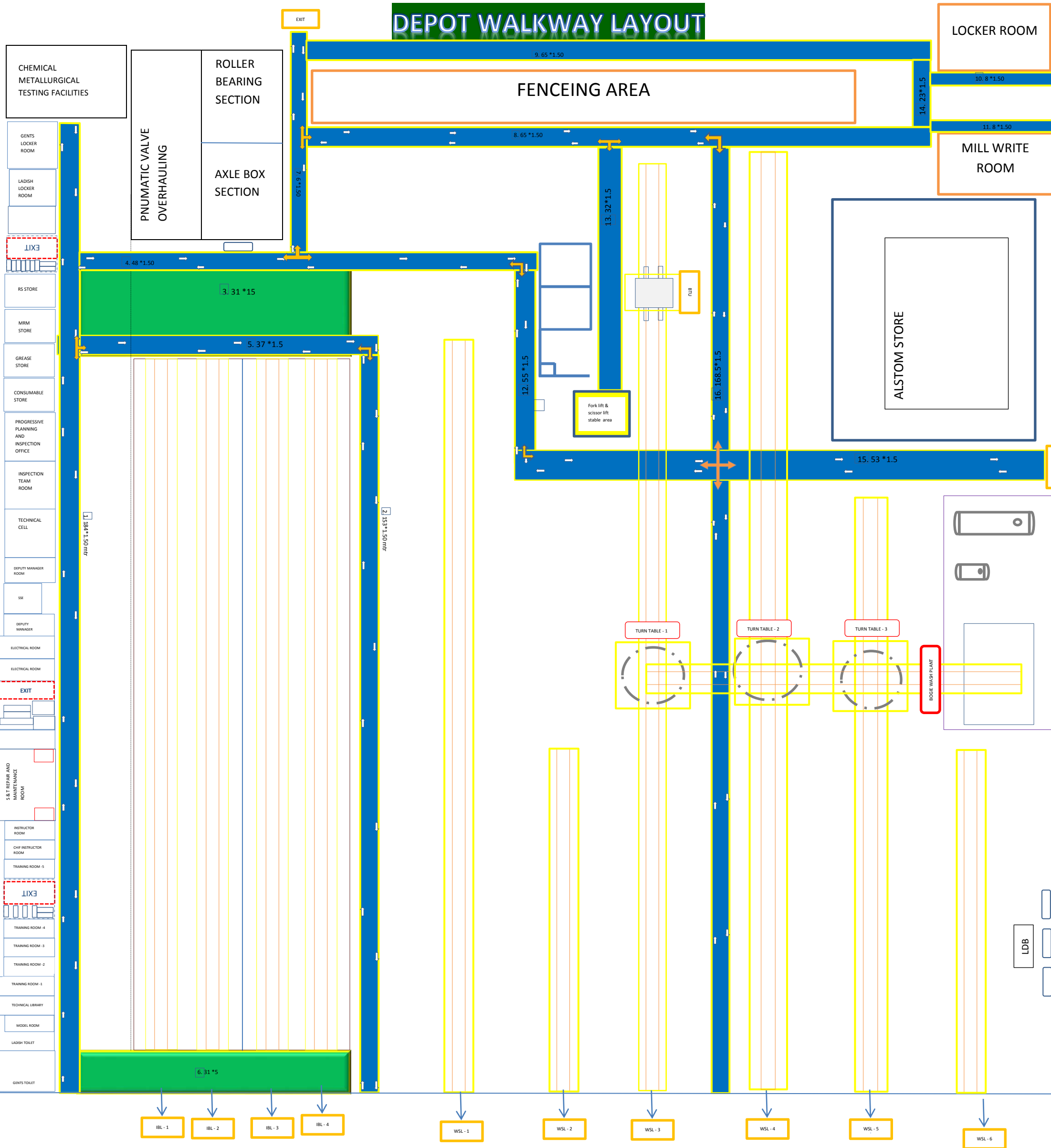
Sl. No.	Technical Compliance		To be filled and signed by the bidder	
	Particulars	Description	Compliance (Write YES or NO only)	If NO, state the deviation
9	Thermal Resistance	It shall be tolerant up to 60 °C		
10	Water Permeability	It shall be comply with Karsten Test (impermeable)		
11	Surface Hardness	Koenig Hardness Test, at least 180 seconds		
13	Abrasion Resistance	Taber Abrader: It shall be 90 to 100 mg loss per 1000 cycles (1 kg load using CS17 wheels)		
14	Compressive Strength	It shall be at least 60 N/mm ² (BS6319).		
15	Bond strength	It shall be at least 35(concrete failure) kg/cm ² as per ASTM D-4541		
16	Environmental Considerations	The coating shall be non-hazardous to health and environment.		
17	Warranty	Minimum 01 year from the date of issue of completion certificate.		
18	Specify the make of the quoted item			
19	Details of online transaction (UTR No.) of EMD of the tender document for an amount of Rs. 14,800/-			
20	All pages in tender document is duly signed and stamped.			
21	Technical compliance statement (Annexure- A) is signed and stamped.			
22	Vendor Information form (Annexure B) is signed and stamped.			

Vendor Information Form

Note: Bidders are requested to furnish the following information and enclose along with quotation.

<i>Name & Address of the Company :</i>					
<i>Name & Designation of the key person</i>					
<i>Contact information</i>	<i>Mobile no:</i>	<i>Telephone No :</i>	<i>Fax No:</i>	<i>Email :</i>	
<u>Bank details</u>					
<i>Beneficiary name</i>					
<i>Bank account no.</i>					
<i>Bank name</i>					
<i>Bank address</i>					
<i>IFSC</i>					
<i>PAN no.</i>					
<i>GST no.</i>					

DEPOT WALKWAY LAYOUT



S.NO	LENGTH	WIDTH	SQ.M
1	184	1.5	276
2	153	1.5	229.5
3	31	15	465
4	48	1.5	72
5	35	1.5	52.5
6	31	5	155
7	6	1.5	9
8	65	1.5	97.5
9	65	1.5	97.5
10	8	1.5	12

S.NO	LENGTH	WIDTH	SQ.M
11	8	1.5	12
12	55	1.5	82.5
13	32	1.5	48
14	23	1.5	34.5
15	53	1.5	79.5
16	168.5	1.5	252.75
TOTAL			1975.25