

CHENNAI METRO RAIL LIMITED

TENDER NOTICE No: DEPOT-RS (WO)/1/2017

CMRL invites sealed Tender under **TWO PACKET SYSTEM** for the works as detailed below:

Name of Work	“Supply and Application of Epoxy floor coating of 3mm thickness and painting of pit walls with epoxy paint in all 4 Inspection Bay Lines of CMRL koyambedu Depot”.
Earnest Money Deposit	Rs. 47,000 (Rupees forty seven thousand only)
Estimated value of Work	Rs. 47,00,000 (Rupees forty seven lakhs only)
Due date of submission of Tender	31.05.2017 (Wednesday) 15.00 hrs
Date and Time of Opening of Tender	31.05.2017 (Wednesday) 15.30 hrs
Date of Pre- Bid Meeting	19.05.2017 (Friday) 15.00 hrs
Cost of Tender Documents	1. For Hard Copy: INR.5,000 (Indian Rupees Five Thousand only) including TNVAT non-refundable and payable in the form of Bank Draft in favour of “CHENNAI METRO RAIL LIMITED”, payable at Chennai. 2. For Soft Copy: INR.4,000 (Indian Rupees four Thousand only) including TNVAT non-refundable and payable in the form of Bank Draft in favour of “CHENNAI METRO RAIL LIMITED” payable at Chennai be submitted along with the Bid. The Tender Documents can be downloaded from website www.chennaietrail.org

Chennai Metro Rail Limited (CMRL), a Joint Venture of Govt. of India and Govt. of Tamil Nadu invites sealed quotations from eligible bidders for **“Supply and Application of Epoxy floor coating of 3mm thickness and painting of pit walls with epoxy paint in all 4 Inspection Bay Lines of CMRL koyambedu Depot”.**

S.No	Particulars	Approximate area	Technical specification
1.	Supply and application of epoxy floor coating of 3mm thickness in Service area and pit floor of all 4 Inspection Bay Lines	4255 sq.m	Enclosed as Annexure-A
2	Painting of pit walls with epoxy paint with proper base coat. (at least 500 microns thickness)	835 sq.m	

1. Earnest Money Deposit (EMD)

- a. A demand draft or banker's cheque in favour of "**Chennai Metro Rail Limited**" payable at Chennai of value **Rs.47000/- (Rupees Forty seven thousand only)** shall be submitted along with the bid, as bid security. The EMD shall be made payable without any condition to the CMRL.
- b. All tenderers shall submit EMD along with the bid document/quotation.
- c. Any bid document submitted without the EMD for the said value will be summarily rejected.
- d. No interest is payable for the EMD amount.
- e. EMD of the unsuccessful bidders will be returned back within 30 days from the date of opening of sealed quotations.
- f. EMD shall stand forfeited, if bidders revoke or cancel their tender after submission or vary any terms thereof without the consent of the CMRL.
- g. The EMD of successful bidder will be returned back after submission of Performance Bank Guarantee (PBG).

2. Bid Price

- a. The price shall be quoted in Indian Rupees (INR) only. The price quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- b. In case of any discrepancy between the prices quoted in words and figures, lower of the two shall be considered.
- c. Conditional bids will be summarily rejected.

3. Warranty period

- a. Warranty support shall be provided by the contractor for **01 year** from the date of acceptance of the work by CMRL.
- b. The warranty shall be given in the form of certificate duly indicating the period of warranty.

4. Execution period

- a. The said work shall be completed to the satisfaction of CMRL within 30 days from the date of issue of work order.

5. Evaluation of quotations

- a. The 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 confirming to the terms and conditions.

- b. The tenderers has to completely fill all the spaces in Price Schedule (*Annexure-D*)
- c. Techno-Commercially qualified tenders will be evaluated on the "Grand Total" as specified in the Price schedule.
- d. The Price schedule (*Annexure-D*) alone shall be sealed in a separate cover and super scribed as "Financial Bid" and submitted along with the tender document.
- e. The sealed Financial Bid will be kept under the safe custody of CMRL and will be opened on a subsequent date after evaluation for Techno-Commercial compliance.
- f. Financial Bid of all Techno-Commercially qualified bidders who qualify the Techno-Commercial Evaluation alone will be opened on the date and time intimated to all such eligible bidders separately.
- g. The work order will be issued to the lowest Techno-Commercially qualified bidder subject to fulfilling other requirements specified in this document.
- h. 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.
- i. No representations will be entertained in the matter of selection of the L1 bidder.
- j. CMRL reserves the right not to return back or disclose any documents that are submitted along with this tender, including un-opened Financial bids.

6. Payment Terms

- a. Payment will be released through RTGS/NEFT within thirty days on successful completion of the said work and receipt of the following documents:
 - i. Original invoice duly signed by the authorized signatory.
 - ii. Certificate of Acceptance duly signed by the authorized signatory of CMRL on completion of activities.
 - iii. Copy of Vendor information form (*Annexure-B*).
- b. Taxes and duties will be reimbursed to the firm on actuals, upon submission of valid proof.
- c. No advance payment will be made.

7. Performance Security

- a. The successful bidder shall furnish to CMRL a security in the form of irrevocable Bank Guarantee for an amount equivalent to **10%** of the total quoted price (including all taxes, duties and any other charges) within **21 days** from the date of issue of work order. The validity of the Bank Guarantee shall be till the end of warranty period.

8. Eligibility Criteria

- a. Work Experience as follows, of having completed similar works during last 5 years, either in India or abroad or both, ending last day of the previous month. Similar work means “*Supply and Application of Epoxy floor coating*”
 - i. **Three** similar completed works costing not less than the amount equal to **40%** of the estimated cost: or
 - ii. **Two** similar works costing not less than the amount equal to **50%** of the estimated cost: or
 - iii. **One** similar work costing not less than the amount equal to **80%** of the estimated cost.

9. Performance certificate

- a. The contractor shall submit copies of work order and certificate for satisfactory performance issued by previous client(s) stating that the laid epoxy flooring is fully serving its intended purpose, without any premature defects.

10. Validity of Quotation

- a. The Quotation shall remain valid for a period of 180 days from the date of opening.

11. Firm/Agency details

- a. The firm/agency has to fill in the vendor detail form enclosed with this document as ***Annexure-B*** and same shall be attached along with the quotation.

12. Jurisdiction

- a. The court of jurisdiction is Chennai. English language shall be the official language for all purposes.

13. Acceptance of terms and conditions

- a. Bidders are requested to submit signed and sealed copy of this tender document along with other required documents and sealed Financial Bid, as acceptance of all terms and conditions.
- b. Bidders shall fully fill-in the Compliance statement in ***Annexure-C*** and submit along with the tender documents. Unfilled rows (blank) in compliance statement will lead to disqualification.

14. Submission of Quotations

- a. Tender shall be submitted on or before the date and time as mentioned below:

S.No	Particular	Schedule of tender opening	
		Date	Tim
1.	Due date of submission of Tender	29.05.2017	1500 hrs
2.	Date and Time of Opening of Tender	29.05.2017	1530 hrs

15. Miscellaneous

a. Safety

The Contractor 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.

The contractor shall adhere to all safety norms required for carrying out the said work.

The Contractor's representative shall obtain "work permit" from PPIO on daily basis for execution of the said work.

b. Supervision:

A competent supervisor shall be available to execute the said work and ensure quality and safety.

c. Test certificate:

All the test certificates and MSDS of materiel 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 3mm thickness of floor coating is provided at various locations at the discretion of CMRL.

d. Transport:

Transportation of men and material shall be arranged by the contractor at his own cost, till the completion of work.

e. Water and Electricity:

Water and Electricity required for executing the work will be provided by CMRL free of cost.

16. In the event of the contractor backing out/violates the contract in midway without any explicit consent from CMRL, the contractor will be liable for the recovery of higher rates vis-à-vis contracted rates, which may have to be incurred by CMRL on the execution of the said work by alternative means.

17. Sealed tenders shall be dropped in CMRL Admin Building in the box provided on or before the specified date and time in the tender document. Late/delayed tenders by any means shall not be accepted and will be treated as rejected. No fax or email copy of the quotation will be accepted by CMRL.

The tender envelope shall be super scribed as
“Supply and Application of Epoxy floor coating of 3mm thickness and painting of pit walls with epoxy paint in all 4 Inspection Bay Lines of CMRL koyambedu Depot”.

and addressed to

Joint General Manager/RSO,
Chennai Metro Rail Limited,
Admin Building,
Poonamallee High Road
Koyambedu, Chennai-600 107

18. Non receipt of bid documents

- a. It shall be the responsibility of the tenderer to ensure that his tender dropped in drop box, before the deadline of submission. Any tender brought by any person/courier or any tender received through post after the deadline will not be considered.

19. Amendment to the bid document

- a. At any time prior to the dead line for submission of bid, CMRL may for any reason, modify the bid document by issuing an addenda/corrigendum on its official website www.chennaiMetroRail.org.


For, Chennai Metro Rail Limited


Joint General Manager/RSO

Note:

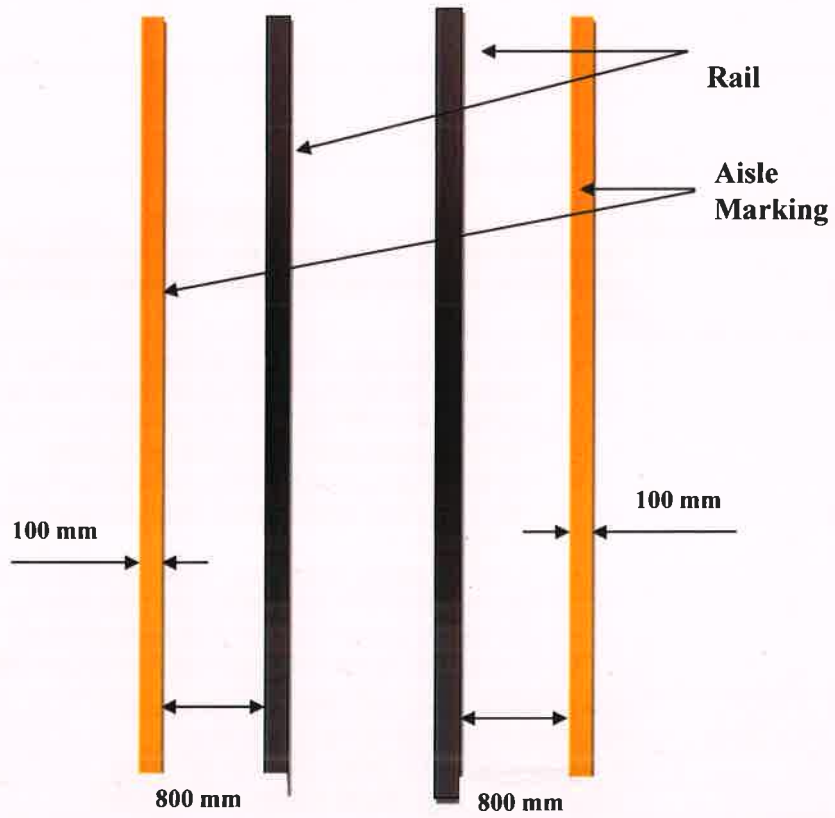
1. If due to any exigency, the due date for opening of the sealed quotation is declared closed holiday, in such cases the sealed quotations will be opened on next day at the same time or any other time or any other day/time as intimated by CMRL.
2. The authorized representatives, who intend to attend the tender opening meeting, shall bring with them authority letter or company identity proof from the corresponding firms. In case of non-submission of such proofs, the concerned representative shall not be allowed to attend the tender opening meeting.

Annexure-A

 CMRL Koyambedu Depot	CHENNAI METRO RAIL LIMITED ROLLING STOCK DEPARTMENT	No.
	ROLLING STOCK MAINTENANCE	Rev. No: 00
Technical Specification for Epoxy floor coating		Page 1 of 1

S.no	Details	Specifications
1	Name of the work	Epoxy floor coating in all 4 Inspection Bay Lines (General Working area and pit floor) and painting of pit walls with epoxy paint with proper base coat.
2.	Physical attributes	<ul style="list-style-type: none">• The total thickness of coating shall not be less than 3 mm at any location in the flooring including pit. For pit wall, the total thickness of coating shall not be less than 500 microns at any location.• 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.	Color	General working area: RAL 6001 Emerald Green. Pit bottom and wall: RAL 5012 Light Blue.
4.	Gloss	It shall be above 70GU (High Gloss) @ 60° Angle.
5.	Aisle Marking	It shall be RAL 1003 (Signal Yellow) 100mm width.
6.	Aisle Marking Location	Annexure "A"
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)
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
12.	Abrasion Resistance	Taber Abrader: It shall be 90 to 100 mg loss per 1000 cycles (1 kg load using CS17 wheels)
13.	Compressive Strength	It shall be at least 60 N/mm ² (BS6319).
14.	Bond strength	It shall be at least 35(concrete failure) kg/ cm ² as per ASTM D-4541
15.	Environmental Considerations	The coating shall be non-hazardous to health and environment.
16.	Warranty	Up to 01 year from the date of issue of completion certificate by CMRL.

Annexure "A" Cont'd



Vendor Information Form

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

Name and address of the company		
Name and designation of the key person		
Contact information	Mobile No	
	TelephoneNo	
	FaxNo	
	Email id	
Bank details		
Bank Name		
Beneficiary Name		
Bank address		
IFSC code		
PAN No.		
Service tax No.		

COMPLIANCE STATEMENT TO BE FILLED AND SIGNED BY THE CONTRACTOR

COMPLIANCE STATEMENT TO BE FILLED AND SIGNED BY THE CONTRACTOR		Annexure - C	
S.no	Details	Specifications	To be filled and signed by the contractor
1	Name of the item	<p>Epoxy floor coating in all 4 Inspection Bay Lines (General Working area and pit floor) and painting of pit walls with epoxy paint with proper base coat.</p> <ul style="list-style-type: none"> The total thickness of coating shall not be less than 3 mm at any location in the flooring including pit. For pit wall, the total thickness of painting shall not be less than 500 microns at any location. The floor coating shall be Non-slip and washable. The floor coating shall be Seamless and with 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. 	<p>Compliance (Write YES or NO only)</p> <p>If NO, state the deviation</p>
2.	Physical attributes	<p>General working area: RAL 6001 Emerald Green. Pit floor and wall: RAL 5012 Light Blue.</p> <p>It shall be above 70GU (High Gloss) @ 60° Angle. It shall be RAL 1003 (Signal Yellow) 100mm width.</p> <p>Annexure "A"</p> <p>Method described in BS 7976-2 (typical values for 4-S rubber slider) Dry 67 & In wet Condition, at least 36. BS476:Part 7 Surface spread of flame: Class 2 (indicative) It shall be tolerant up to 60 °C</p>	
3.	Color		
4.	Gloss		
5.	Aisle Marking		
6.	Aisle Marking Location		
7.	Slip Resistance		
8.	Fire Resistance		
9.	Thermal Resistance		

COMPLIANCE STATEMENT TO BE FILLED AND SIGNED BY THE CONTRACTOR			Contd.
10.	Water Permeability	It shall be comply with Karsten Test (impermeable)	
11.	Surface Hardness	Koenig Hardness Test, at least 180 seconds	
12.	Abrasion Resistance	Taber Abrader: It shall be 90 to 100 mg loss per 1000 cycles (1 kg load using CS17 wheels)	
13.	Compressive Strength	It shall be at least 60 N/mm ² (BS6319).	
14.	Bond strength	It shall be at least 35(concrete failure) kg/ cm ² as per ASTM D-4541	
15.	Environmental Considerations	The coating shall be non-hazardous to health and environment.	
16.	Warranty	Up to 01 year from the date of issue of completion certificate by CMRL.	
17.	DD towards cost of tender document for Rs. 4000 or Rs 5000 enclosed. DD No:		
18.	DD towards EMD for Rs. 47,000 enclosed. DD No:		
19.	All pages are duly signed and stamped.		
20.	Vendor Information form (Annexure B) filled and signed.		
21.	Price Schedule (Annexure D) including Grand Total filled, signed and sealed in a separate cover and superscribed as "Financial Bid".		
22.	Proof of work order and Performance certificate attached. Clause 9 (a).		

PRICE SCHEDULE

Annexure-D

Sl. No	Particulars	Proposed area in sq.m (approximately) (A)	Rate for supply and application per sq.m (B)	Cost for supply and application C= (AxB)	Taxes and Duties		Any other charges in Rs. (Please specify) (E)	Total amount incl. taxes and other charges	
					In %	In Rs. (D)		Rs. F=(C+D+E)	In words
1.	Supply and application of epoxy floor coating of 3mm thickness in Service area and pit floor of Inspection Bay Lines	4255 sq.m							
2	Painting of pit walls with epoxy paint with proper base coat. (at least 500 microns thickness)	835 sq.m							
3									

GRAND TOTAL

N.B: The Price schedule alone shall be sealed in a separate cover and super scribed as "Financial Bid"

Seal and Sign of the Authorised Rep of Bidder