



E-Tender No. MUM/N/EN/Service road of ROB's at LC 66 & 68

For

NAME OF WORK :- Construction of Service road and Diversion road at LC No. 66 at IR chainage 143/30-32 between Bordi and Umbergaon stations and at LC 68 at IR chainage 149/22-24 between Sanjan and Bhilad stations of Vaitarna - Surat section of Mumbai division of Western Railway.

**FINANCIAL BID
(PACKET-B)**

TENDER DOCUMENT

February 2021

**Employer:
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED
CPM/NORTH/MUMBAI UNIT
(A GOVERNMENT OF INDIA ENTERPRISE)
Under
MINISTRY OF RAILWAYS**

Signature of tenderer (s)

For CPM/NORTH/MUMBAI/DFCCIL

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Chapter I of Part I**(i) NOTICE INVITING TENDER (NIT) (Online)**

1.0 Chief General Manager /North / Mumbai for and on behalf of DFCCIL invites Tender on prescribed forms for the execution of the following work:

1.1	Tender No.	MUM/N/EN/ Service Road of ROB's /LC-66 & 68, Dated:24.02.2021
1.2	Name of Work	Construction of Service road and Diversion road at LC No. 66 at IR chainage 143/30-32 between Bordi and Umbergaon stations and at LC No.68 at IR chainage 149/22-24 between Sanjan and Bhilad stations of Vaitarna - Surat section of Mumbai division of Western Railway.
1.3	Type of Tender	Open Tender (Single stage two packet).
1.4	Duration of Contract	06 months
1.5	Estimated Cost of Work	₹ 8,99,98,742.70 (NIT Cost Excluding GST)
1.6	Cost of Tender Document (Non- Refundable)	Rs. 10,000/- Plus GST @ 18% = Rs 11,800/- to be paid online through payment gateway provided at www.ireps.gov.in
1.7	Earnest Money Deposit (EMD) (Tender Security)	Bid Security Declaration: I/We, M/s (Name of bidder) am/are/aware that I/We have been exempted from submission of Bid Security / Earnest Money Deposit in lieu of this Bid Security Declaration. I/we understand and accept that if I/We withdraw my/our bid within bid validity period or if awarded the tender and on being called upon to submit the Performance Guarantee/Performance Security fail to submit the same within the stipulated time period mentioned in tender documents or on being called upon to sign the contract agreement fail to sign the same within stipulated period mentioned in tender documents. I/we i.e. the bidder shall be banned from submission of bids in any works/Service Tender issued by Indian Railways for a period of 12 months from the date of such banning done on e-platform of IREPS.
1.8	Uploading of NIT and Tender Document	24.02.2021 at 15.00 hrs. on www.ireps.gov.in
1.9	Last Date and Time of Submission of Tender (Online)	25.03.2021 up to 15.00 hrs. on www.ireps.gov.in
1.10	Date and Time of Opening of Tender (Online)	25.03.2021 at 15.30 hrs. on www.ireps.gov.in
1.11	Tender Validity	120 days from the Date of Opening of Tender.
1.12	Address for Communication	Chief General Manager (North) Mumbai, DFCCIL, 7th Floor, New Administrative Building, Central Railway, D N Road, Mumbai – 400001

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1.13	Help Desk for E- Tendering	For any clarification, help and registration for E-Tendering & matter relating to Digital Signature contact at Help desk of www.ireps.gov.in and phone No. 011-23761525
1.14	Availability of Tender Documents	The Tender documents can be downloaded from www.ireps.gov.in Tenderer who wishes to view free Notification and Tender Documents can visit www.ireps.gov.in DFCCIL may issue Addendum(s)/Corrigendum(s) to the Tender document, if any, which shall be issued at least seven days in advance of date of opening of tender and placed on the www.ireps.gov.in only.

2.0 General

2.1 Joint Venture (JV) not allowed.

2.2 No request for extension of the Tender Due Date shall be considered.

2.3 The Offer shall be valid for 120 Days from the date of opening of the tender, and extended further if required from time to time. The Contractor cannot withdraw their offer within the period of validity/extended validity lest liable for banning from submission of bids in any works/Service Tender issued by Indian Railways for a period of 12 months from the date of such banning done on e-platform IREPS.

2.4 Notice Inviting Tender (NIT), Tender Document and Corrigendum/Addendum if any, will be posted on the E-Tendering website www.ireps.gov.in. Tenderer are advised to complete all submission related work well before Time and Date for Submission of Tender Online. Any request for modification in the time/ date of submission of tender due to tenderer's failure to submit his offer, will not be accepted.

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FORM No. 3

SUMMARY OF PRICES

NAME OF WORK :- Construction of Service road and Diversion road at LC No. 66 at IR chainage 143/30-32 between Bordi and Umbergaon stations and at LC 68 at IR chainage 149/22-24 between Sanjan and Bhilad stations of Vaitarna - Surat section of Mumbai division of Western Railway.

Sl. No.	Description of works	Cost as per Schedules	Rates to be quoted in figures & words (Clearly mention above / below / at par on Schedules/Items updated DFCCIL Rate / cost given in column 3)
1	2	3	4
1.	Execution of all works as per Schedule "A" (Items as per SOR 2015-16 of State Govt. Gujarat R&B Valsad division & WR.)	₹ 6886936.55	Rates above / below / at par as per schedules shall be filled separately in Microsoft Excel File.
2.	Execution of all works as per Schedule "B" (NS Items as per State Govt.)	₹ 81611806.15	
3	Execution of all works as per Schedule "C" (USSOR Items as per Western Railway)	₹ 1500000.00	
	Grand Total	₹ 89998742.70 = ₹ 8,99,98,742.70	

Notes:

- (i) The above prices are inclusive of all taxes, duties, levies, etc. Except GST.
- GST as applicable from time to time on taxable value of each running account bill shall be paid by DFCCIL.
 - The contractor should adhere to anti profiteering provisions as per section 171 of the CGST Act. Where due to change in the rates of GST / Change in law, the contractor gets any credits / benefits, the same

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- shall be passed on to DFCCIL by way of reduction in prices.
- (ii) The tenderer should quote single percentage above / par / below for each schedule.
 - (iii) If the uniform percentage quoted by the Tenderer does not clearly indicate whether the rates are above/at par/below the estimated rates then through sign convention it will be considered to be on plus side and evaluated accordingly.
 - (iv) Rate of item payable to contractor shall be as per above/below/at par on rates of schedule.

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FORM No. 4

SCHEDULE-1
SCHEDULE OF PRICES & TOTAL PRICES

NAME OF WORK :- Construction of Service road and Diversion road at LC No. 66 at IR chainage 143/30-32 between Bordi and Umbergaon stations and at LC No.68 at IR chainage 149/22-24 between Sanjan and Bhilad stations of Vaitarna - Surat section of Mumbai division of Western Railway.						
SCHEDULE -A						
S. No.	Item No.	Total Qty.	Item of work	Unit	Rate	Amount
1	27007A	14820.00	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	Cum	95.30	1412346
2	26004EA	1950.00	Earth work for SUBGRADE with CBR 7 % including breaking clods, dressing with all lead and lift and including watering, rolling and consolidation of subgrade in layers at O.M.C. to required dry density, including filling the depressing, which occurs during the process using power roller of 8 tonne to 10 tonne all as per specification.	Cum	237.20	462540
3	26089EA	100.00	Supplying and fixing reinforced concrete heavy duty non-pressuree pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to	Rmt	3954.15	395415

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			level or slopes) of class NP3 of following internal diameters .(i) 900 mm dia			
4	26163	3000.00	Supplying and fixing cat eye (Stimsonite) made out from Acrylic butyle styrene high compression injection moulding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	Nos	375.95	1127850
5	14023	2780.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concrete as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1cement:3 fine sand) etc. complete.	Rmt	241.39	671064.2
6	27047A		Providing and placing in position High Yield Strength Deformed (HYSD) bars reinforcement (TMT Fe 500D grade) conforming to IS 1786 of all categories for foundation of pier, abutment & retaining wall including cutting, bending, hooking and tying with 18 gauge mild steel binding wires, supporting in position to ensure lines and levels during concreting, maintaining proper cover / spacing etc. complete as per specification and detailed drawing.			

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		45.00	For open foundation	MT	62616.03	2817721.35
						₹ 68,86,936.55
SCHEDULE-B						
S. No.	Item No.	Total Qty.	Item of work	Unit	Rate	Amount
1	State NS/01	7251.80	Construction of compacted coarsed granular subbase (Grade-I crushed B.T materials of 53 mm to 26.5 mm @ 35 %,26.5 mm to 4.75 mm @ 45% ,Below 2.36 mm @ 20 %) by providing close graded material , mixing in a mechanical mix plant at OMC,carriage of a mix material to work site, spreading uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve desire density , complete clause as per 401.	Cum	795.28	5767211.50
2	State NS/02	8821.00	Providing and laying wet mix base course macadam 250 mm in Two layer using machine crushed chips as per required gradation mixing with required optimum quantity of water conveying the mix to site and spreading to grade and camber with mechanical paver consolidation by vibratory roller including material, labour, plant and machinery and equipment etc. complete.	Cum	876.31	7729930.51
3	State NS/03	6729.36	Providing and laying DBM using crushed stone aggregate BT chips as per required gradation and	M.T.	3319.06	22335149.60

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			using emulsion asphalt as a tack coat @ 2.5 kg / 10 sqmt and the VG-30 grade asphalt at 45 kg/MT)by total weight of mix hot laid process using drum mix plant including heating and mixing asphalt & materials by drum mix process transporting the mix and laying by paver finisher including consolidation with vibratory roller including cost of material, labour, machinery equipment and fuel , oil , lubricant for plant and machinery using contractor's own plant and machineries etc. complete			
4	State NS/04	4913.00	Providing and laying 40 mm Bitumen concrete using crushed stone aggregate BT chips as per required gradation and using emulsion asphalt as a tack coat @ 2.5 kg / 10 sqmt and the VG-30 grade asphalt at 55 kg/MT)by total weight of mix hot laid process using drum mix plant including heating and mixing asphalt & materials by drum mix process transporting the mix and laying by paver finisher including consolidation with vibratory roller including cost of material, labour, machinery equipment and fuel , oil , lubricant for plant and machinery using contractor's own plant and machineries etc. complete	M.T.	3846.81	18899377.53

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5	State NS/05	53800.00	Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen pre-coated finegrained hard stone chipping of 13.2 mm nominal size at the rate of 0.005cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 1000C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 515.	Sqm	402.37	21647506.00
6	State NS/06	20250.00	Providing and applying priming coat with emulsion SS1 grade at the rate of 7.50 kg/ 10 Sq.mt. including cost of asphalt and preparing the surface heating, and applying etc. complete.	Sqm	28.04	567810.00
7	State NS/07	56.63	Providing & filling in foundation with ordinary cement concrete M 15 mix and providing necessary vertical pin headers including formwork vibrating ramming & curing complete.	Cum	3822.55	216471.01
8	State NS/08	700.00	Providing and casting in-situ controlled cement concrete of M35 grade for RCC work for pier & abutment foundations with	Cum	5268.10	3687670.00

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			20/40mm down coarse aggregate of the required size for any depth including dewatering, scaffolding centring, shuttering, mixing, placing in position, consolidating with mechanical vibrators, curing, deshuttering carefully, making good the damages, fixing embedment, inserts, pockets, wherever necessary as per specification and drawing.			
9	State NS/09	2400.00	Providing, fixing and maintaining MS fabricated traffic barricading of 2.50m height on either side of the carriage way / portion of the carriage way closed to the traffic including provision of all sign boards/ bollards and warning lights etc. as per the Engineer in charge.	Rmt	316.95	760680.00
TOTAL AMOUNT OF SCHEDULE-B						₹ 8,16,11,806.15
SCHEDULE -C						
S. No.	Item No.	Total Qty.	Item of work	Unit	Rate	Amount
1	USSOR	1.00	USSOR of W.Rly. Items requiring for successful completion of the work as advised by in-charge of the work.	No	1500000	1500000
TOTAL AMOUNT OF SCHEDULE-C						₹ 15,00,000.00

Total of Schedule A,B & C	₹ 8,99,98,742.70
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END OF TENDER DOCUMENTS

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