

**NORTHERN REGION-PROJECT/RAILTEL NORTHERN REGION  
TENDER DOCUMENT**

Tender No: RCIL-NR-Masonry-MB-10

Closing Date/Time: 22/11/2023 14:00

**GM/POM** acting for and on behalf of The President of India invites E-Tenders against Tender No **RCIL-NR-Masonry-MB-10** Closing Date/Time 22/11/2023 14:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

**1. NIT HEADER**

<b>Name of Work</b>	CONSTRUCTION OF SINGLE ROOM MASONRY BUILDINGS (BRICK STRUCTURE) AT VARIOUS RAILWAY STATIONS (Moradabad Division) FOR NORTHERN REGION OF RAILTEL		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	22/11/2023 14:00	<b>Date Time Of Uploading Tender</b>	20/10/2023 16:45
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	5424903.15	<b>Tendering Section</b>	PROJECT
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	108500.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	1770.00	<b>Period of Completion</b>	12 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	08/11/2023	<b>Are Joint Venture (JV) firms allowed to bid</b>	No
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A-BOQ for Construction of 8 Single Rooms</b>							5424903.15	
1	1	165.91	cum	205.45	34086.21	AT Par	34086.21	
	<b>Description:-</b> Earth work in excavation over areas ( exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan ) including disposal of excavated earth, lead upto 50 m and lift upto 1.5 m; disposed earth to be levelled and neatly dressed. All kinds of soil.							
2	2	84.75	Litre	200.90	17026.28	AT Par	17026.28	
	<b>Description:-</b> Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos emulsifiable concentrate of 20%							
3	3	220.50	Sqm	44.70	9856.35	AT Par	9856.35	
	<b>Description:-</b> Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) (ii)Chlorpyriphos Emulsifiable concentrate 20% with 1% concentration.							
4	4	63.24	cum	2161.20	136674.29	AT Par	136674.29	
	<b>Description:-</b> Supplying and filling in plinth with fine sand under floors including watering, ramming, consolidating and dressing complete.							
5	5	204.96	Sqm	681.65	139710.98	AT Par	139710.98	
	<b>Description:-</b> Making plinth protection 50 mm thick of cement concrete 1:3:6(1 Cement :3 Coarse sand : 6 grades stone aggregate 20mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finished the top smooth							
6	6	60.59	cum	6326.05	383295.37	AT Par	383295.37	
	<b>Description:-</b> Providing and laying lin position cement concrete of specified grade excluding the cost of centring and shuttering- All work upto plinth level 1:4:8(l Cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size)							
7	7	41.92	Sqm	370.85	15546.03	AT Par	15546.03	
	<b>Description:-</b> Providing and laying damp-proof Course 40mm thick with cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 12.5mm nominal size).							

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8	8	41.92	Sqm	113.85	4772.59	AT Par	4772.59
	<b>Description:-</b> Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7Kg per Sqm on damp-proof course and in sunk floors after cleaning the surface with brushes and finally with the piece of cloth lightly soaked in kerosene oil.						
9	9	37.52	cum	10719.30	402188.14	AT Par	402188.14
	<b>Description:-</b> Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5coarse sand : 3 graded stone aggregate 20 mm nominal size).						
10	10	284.58	Sqm	766.55	218144.80	AT Par	218144.80
	<b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Suspended floors, roofs, landings, balconies and access platform						
11	11	21.63	Sqm	608.35	13158.61	AT Par	13158.61
	<b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Lintels, beams, plinth beams, girders, bressumers and cantilevers.						
12	12	20.31	Sqm	1100.40	22349.12	AT Par	22349.12
	<b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Vertical and horizontal fins individually or forming box louvers band, facias and eaves boards.						
13	13	187.68	Sqm	181.90	34138.99	AT Par	34138.99
	<b>Description:-</b> Centering and shuttering including strutting, propping and removal of form for Under 20 cm wide						
14	14	3376.61	Kg	89.65	302713.09	AT Par	302713.09
	<b>Description:-</b> Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete. Cold twisted bars.						
15	15	85.59	cum	6658.25	569879.62	AT Par	569879.62
	<b>Description:-</b> Brick work with common burnt clay F.P.S(non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement :6 coarse sand).						
16	16	125.31	cum	8288.35	1038613.14	AT Par	1038613.14
	<b>Description:-</b> Brick work with common burnt clay F.P.S(non modular) bricks of class designation 7.5 in superstructure above plinth level up to V level in all shapes and sizes in Cement mortar 1:6 (1 cement :6 coarse sand).						
17	17	33.60	Sqm	2015.75	67729.20	AT Par	67729.20
	<b>Description:-</b> Providing and fixing flush door shutters conforming to IS: 2202(part-i) non decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: 35mm thick including anodised aluminium butt hinges with necessary screws.						
18	18	16.00	Numbers	723.80	11580.80	AT Par	11580.80
	<b>Description:-</b> Providing and fixing bright finished brass 100 mm mortice latch and lock 6 levers and a pair of lever handles with necessary screws etc. complete ( best make of approved quality ).						
19	19	16.00	Numbers	374.35	5989.60	AT Par	5989.60
	<b>Description:-</b> Providing and fixing aluminium tower bolts anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. 250 x 10 mm						
20	20	32.00	Numbers	60.05	1921.60	AT Par	1921.60
	<b>Description:-</b> Providing and fixing aluminium handles anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete 125mm						
21	21	16.00	Numbers	62.25	996.00	AT Par	996.00
	<b>Description:-</b> Providing and fixing aluminium hanging floor door stopper anodised ( anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete. Twin rubber stopper						
22	22	83.20	Metre	444.50	36982.40	AT Par	36982.40
	<b>Description:-</b> Providing and fixing pressed steel frames conforming to IS: 4351, manufactured from commercial mild steel sheel of 1.6 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50 x 25 mm, or base tiles of 1.6 mm pressed mild steel welded or rigidly fixed together by mechanical means,including M.S pressed butt hinges 2.5 mm thick with mortar guards, lock strike plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge. Profile B, Fixing with adjustable lugs with split end tail to each jab						
	23	446.98	Kg	146.55	65504.92	AT Par	65504.92

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23									<b>Description:-</b> Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with L-Type section made of 1.60mm thick M.S. Sheet, joints mitred and welded and grinded finish profiles required size with 15x3mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primers.
24	24	117.12	Sqm	950.00	111264.00	AT Par	111264.00		<b>Description:-</b> Providing and fixing 2 mm thick homogeneous Polyvinyl chloride sheet in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR-998 or equivalent including rolling with light wooden roller weighing about 5 kg all complete as directed by Engineer-in-Charge, in approved colour and shade.
25	25	117.12	Sqm	545.00	63830.40	AT Par	63830.40		<b>Description:-</b> Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.
26	26	12.00	Sqm	937.00	11244.00	AT Par	11244.00		<b>Description:-</b> Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: 1:4 (1 cement : 4 coarse sand)
27	27	66.02	Sqm	1515.45	100050.01	AT Par	100050.01		<b>Description:-</b> Providing and fixing 10 mm thick acid/or alkali resistant tiles of approved make and colour using acid/alkali resisting motor bedding, and joint filled with acid /or alkali resisting cement as per IS:4457, complete as per directive of Engineer -in -charge
28	28	32.00	Metre	319.75	10232.00	AT Par	10232.00		<b>Description:-</b> Providing and fixing on wall face un plasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes. 110 mm diameter
29	29	1252.12	Sqm	294.85	369187.58	AT Par	369187.58		<b>Description:-</b> 12 mm cement plaster of mix 1:4 (1 cement :4 coarse sand).
30	30	609.22	Sqm	162.55	99028.71	AT Par	99028.71		<b>Description:-</b> Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade. New work ( two or more coats) over and including priming coat with cement primer.
31	31	577.77	Sqm	97.60	56390.35	AT Par	56390.35		<b>Description:-</b> Finishing walls with water proofing cement paint of required shade New work(Two or more coats applied @ 3.28 ltr/10 sq.m
32	32	101.28	Sqm	131.45	13313.26	AT Par	13313.26		<b>Description:-</b> Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work
33	33	1186.99	Sqm	64.45	76501.51	AT Par	76501.51		<b>Description:-</b> Applying one coat of cement primer of approved brand and manufacture on wall surface : Cement primer.
34	34	32.00	Metre	493.10	15779.20	AT Par	15779.20		<b>Description:-</b> Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 150 mm dia. R.C.C. pipe
35	35	56.00	Numbers	1488.00	83328.00	AT Par	83328.00		<b>Description:-</b> Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required Group B
36	36	8.00	Numbers	1981.00	15848.00	AT Par	15848.00		<b>Description:-</b> "Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required"
37	37	24.00	Metre	433.00	10392.00	AT Par	10392.00		<b>Description:-</b> "Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required."
	38	32.00	Metre	662.00	21184.00	AT Par	21184.00		

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38	<b>Description:-</b> "Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required"						
	39	800.00	Metre	327.00	261600.00	AT Par	261600.00
39	<b>Description:-</b> "Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire"						
	40	240.00	Metre	369.00	88560.00	AT Par	88560.00
40	<b>Description:-</b> "Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required, 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire"						
	41	240.00	Metre	428.00	102720.00	AT Par	102720.00
41	<b>Description:-</b> "Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required, 2 X 4 sq. mm + 1 X 4 sq. mm earth wire"						
	42	320.00	Metre	38.00	12160.00	AT Par	12160.00
42	<b>Description:-</b> Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required , 2 Pair						
	43	240.00	Metre	223.00	53520.00	AT Par	53520.00
43	<b>Description:-</b> Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required : 20 mm						
	44	400.00	Metre	256.00	102400.00	AT Par	102400.00
44	<b>Description:-</b> Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required : 25 mm						
	45	160.00	Metre	145.00	23200.00	AT Par	23200.00
45	<b>Description:-</b> Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required : 25 mm						
	46	24.00	Each	103.00	2472.00	AT Par	2472.00
46	<b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.: 5/6 A switch						
	47	32.00	Each	156.00	4992.00	AT Par	4992.00
47	<b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 15/16 A switch						
	48	24.00	Each	122.00	2928.00	AT Par	2928.00
48	<b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 3 pin 5/6 A socket outlet						
	49	32.00	Each	197.00	6304.00	AT Par	6304.00
49	<b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : 6 pin 15/16 A socket outlet						
	50	8.00	Each	148.00	1184.00	AT Par	1184.00
50	<b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : Telephone socket outlet						
	51	8.00	Each	140.00	1120.00	AT Par	1120.00
51	<b>Description:-</b> Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. : Bell push						
	52	16.00	Each	369.00	5904.00	AT Par	5904.00
52	<b>Description:-</b> Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required						
	53	40.00	Each	40.00	1600.00	AT Par	1600.00
53	<b>Description:-</b> "Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required"						
	54	16.00	Each	298.00	4768.00	AT Par	4768.00
54	<b>Description:-</b> Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required : 1 or 2 Module (75mmX75mm)						

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55	55	24.00	Each	327.00	7848.00	AT Par	7848.00
	<b>Description:-</b> Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required : 3 Module (100mmX75mm)						
56	56	8.00	Each	99.00	792.00	AT Par	792.00
	<b>Description:-</b> Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required						
57	57	8.00	Each	2206.00	17648.00	AT Par	17648.00
	<b>Description:-</b> Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) : 6 way , Double door						
58	58	24.00	Each	256.00	6144.00	AT Par	6144.00
	<b>Description:-</b> Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required : Single pole						
59	59	8.00	Each	599.00	4792.00	AT Par	4792.00
	<b>Description:-</b> Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required : Single pole and neutral						
60	60	8.00	Set	7472.00	59776.00	AT Par	59776.00
	<b>Description:-</b> Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required						
61	61	40.00	Metre	1551.00	62040.00	AT Par	62040.00
	<b>Description:-</b> Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required						

**3. ITEM BREAKUP**

No item break up added
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**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have received total contractual payments (operating turnover) in the previous three financial years and the current financial year up to the date of inviting of tender, at least 150% of the advertised value of the tender. (The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department / client or Audited Balance Sheet duly certified by the Chartered Accountant/Certificate from Chartered Accountant duly supported by Audited Balance Sheet. )	No	No	Allowed (Mandatory)

**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: i.Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or ii.Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or iii.One similar work each costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)

**5. COMPLIANCE**

**Commercial-Compliance**

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1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)
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**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	FinalTenderdocumentMB.pdf	TENDERMB

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

**Signed By:** MAYUR AHUJA

**Designation :** Sr.Manager