

**EDFC FIELD UNIT-KOLKATA-CIVIL/EDFC  
TENDER DOCUMENT**

Tender No: KKK-EN-RENOVATION-DHN

Closing Date/Time: 16/11/2022 15:00

CGM/DFCCIL/Kolkata acting for and on behalf of The President of India invites E-Tenders against Tender No **KKK-EN-RENOVATION-DHN** Closing Date/Time 16/11/2022 15:00 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>	Repair and Renovation of Railway Quarter no. 55 at Rangatand Railway colony, Dhanbad for purpose of DFCCIL under Jurisdiction of GM/Co-Ordination/Kolkata		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	16/11/2022 15:00	<b>Date Time Of Uploading Tender</b>	26/10/2022 13:51
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	1387325.32	<b>Tendering Section</b>	JHARKHAND
<b>Bidding Style</b>	Single Rate for Each Schedule	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	27800.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	3 Months
<b>Contract Type</b>	Works	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	02/11/2022	<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 B-Electrical Work</b>							83968.32	Above/ Below/Par
6	Please see Item Breakup for details.				83968.32	AT Par	83968.32	
<b>Description:-</b> Electrical Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A1-General Work</b>							871219.15	Above/ Below/Par
1	Please see Item Breakup for details.				665052.79	31.00	871219.15	
<b>Description:-</b> General Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A2-Pipe and Sanitary</b>							101317.98	Above/ Below/Par
2	Please see Item Breakup for details.				79154.67	28.00	101317.98	
<b>Description:-</b> Pipe and Sanitary Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A3-Reinforcement and Steel Work</b>							168673.47	Above/ Below/Par
3	Please see Item Breakup for details.				123119.32	37.00	168673.47	
<b>Description:-</b> Reinforcement and Steel Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule A4-Wood Work</b>							73344.21	Above/ Below/Par
4	Please see Item Breakup for details.				56418.62	30.00	73344.21	
<b>Description:-</b> Wood Work								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
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<b>Schedule A5-Supply of Cement</b>				88802.19	Above/ Below/Par
5	Please see Item Breakup for details.	75899.31	17.00	88802.19	
<b>Description:-</b> Supply of Cement					

**3. ITEM BREAKUP**

<b>Schedule</b> Schedule B-Electrical Work						
<b>Item- 6</b> Electrical Work						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Wiring of sub main from MCCB with 2x2.5sq mm (P+N) and 1x1.5sq mm (E) through FR PVC conduit. Wiring to be concealed/ recessed/conduit. Includes supply of all material required.	Metre	115.00	190.00	21850.00
2	2	Checking of wiring from MCCB to AC points of sub main of 04 nos. point	Day	4.00	673.00	2692.00
3	3	Supply of LED Street Light Fitting 70W with pressure die cast aluminum housing, Heat resistance toughened glass IP66 protection, Better optics for uniform distribution.	Numbers	4.00	850.00	3400.00
4	4	Fixing of Street Light, with PVC insulated S/core stranded alum. Conductor 2.5mm2 and connection & supply of GI pipe of 30mm 4ft long bend (to suit the street light fitting) as per site requirement and fixing the same with supply of suitable clamp, nut, bolt and washer.	Numbers	4.00	393.33	1573.32
5	5	Supply, fixing, testing and commissioning of 2ftx2ft, 18W recess mounted LED light fitting	Numbers	17.00	1403.00	23851.00
6	6	Wiring of light, Ex/Fan, etc. by 1.5 sqmm FR PVC insulated copper wire with earthing by 1.5 sqmm FR PVC insulated copper conductor with modular switch and plate and their suitable recessed mounting arrangement. including supply of all materials. Wiring to be concealed and includes all supplies recessed for concealed wiring.	Numbers	9.00	1270.00	11430.00
7	7	Wiring of plug points by 2.5sq mm FR PVC insulated copper wire - (2x5A + 1x5/15A) modular sockets, switches and plates with suitable recessed mounting. Includes supply of all materials. Wiring to be concealed and includes all supplies required for concealed wiring	Numbers	10.00	500.00	5000.00
8	8	Wiring of AC points with 240V, 25A plug and socket along with suitable modular single phase starter with suitable recessed/modular surface mounting. Includes supply of all materials. Wiring to be concealed and includes all supplies required for concealed wiring	Numbers	1.00	2800.00	2800.00
9	9	Supply, fixing, testing and commissioning of tube light 18W(make - havells, Jilco, Wipro, Philips, Orient)	Numbers	2.00	540.00	1080.00
10	10	Supply, fixing, testing and commissioning of 2ftx2ft, 18W recess mounted LED light fitting	Numbers	4.00	1403.00	5612.00
11	11	Supply, fixing, testing and commissioning of ceiling fan (make - havells, baja)	Numbers	3.00	1560.00	4680.00
					<b>Total</b>	<b>83968.32</b>
<b>Schedule</b> Schedule A1-General Work						
<b>Item- 1</b> General Work						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in				
1	011011	All kinds of soils	cum	15.00	93.54	1403.10
		Brick work with non-modular (FPS) bricks of class designation 7.5 in foundation and plinth in :				
2	051015	Cement mortar 1:6 (1 cement : 6 fine sand)	cum	5.59	2774.94	15511.91
3	057020	Cutting vertical/horizontal/sloping chase in old brickwork upto 10X10 Cm and making good the same with CC 1:2:4 or CM 1:2 as per site conditions	Metre	14.00	81.54	1141.56
		Cutting holes, 0.1 sqm size, for bathroom drains, exhaust fan holes or for similar purposes etc including repairs				
4	057042	In 20/23cm thick walls	Each	40.00	18.78	751.20
		Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS:733 and IS:1285, anodised transparent or dyed to required shade according to IS:1868 (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing/ panelling, C.P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately)				
5	082011	For fixed portion	Kg	5.00	340.06	1700.30
6	082012	For openable/sliding portions and fixing hinges / pivots, PVC/ neoprene gasket required and making provision for fixing of fittings. (Fittings shall be paid for separately)	Kg	15.00	353.56	5303.40
		Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item)				
7	082032	With float/frosted glass panes of 5.5mm thickness (weight not less than 13.75 kg/sqm)	Sqm	1.50	894.29	1341.44
8	091080	Laying cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate 12.5mm nominal size) of thickness 25 to 40 mm as under layer of flooring	cum	8.00	3139.32	25114.56
		Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete				
9	092011	25mm thick with 12.5mm nominal size stone aggregate	Sqm	15.00	116.05	1740.75
		Providing and fixing ceramic tiles conforming to IS:15622 of manufacturers approved by railway in all colours, shades, design and abrasion resistance class as approved by the Engineer-in-Charge in floors and landings over 20mm thick bed of cement mortar 1:4 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
10	095022	Of Group B-II Clause 5.1 (for abrasion resistance) of IS:15622 (Ceramic Floor Tiles) of size 400x400mm and above	Sqm	17.52	640.66	11224.36
11	095024	Of Group B-I-b of IS : 15622 (Ceramic Tiles) of size above 400x400mm	Sqm	58.40	956.63	55867.19

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12	095026	Of Group B-I-a of IS : 15622 (Vitrified tiles) of size above 400x400mm upto 600x600 mm	Sqm	41.61	1016.16	42282.42
		Supplying and laying interlocking pre-cast CC block pavers of approved design factory manufactured of specified grade cement concrete on passenger platform, foot paths, circulating area etc. including setting in position over 25mm thick bedding layer of fine sand, filling the joints with fine sand, leveling including compaction as per IS:15658				
13	098021	60 mm thick blocks of M30 grade for light traffic	Sqm	80.00	481.21	38496.80
14	101080	Supply & installation of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm +/- 5% total coated thickness (TCT) thick Zinc coating 120gsm as per IS:277 in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5 x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required	Sqm	60.00	585.72	35143.20
15	105150	Providing and laying APP (Atactic Polypropylene polymer) modified prefabricated seven layer 3mm thick water proofing membrane, reinforced with non-woven polyester matt over a coat of bitumen primer for bitumen membrane @ 0.25 Kg/sqm. by the same membrane manufacture as per specification	Sqm	250.00	465.55	116387.50
16	105170	Cutting to 'V' section, cleaning and washing cracks for repairs to roof. Grouting with cement slurry 1:1 and plastering over crack with cement mortar 1:3	Metre	30.00	12.20	366.00
		Grading roof for water proofing treatment with-				
17	105192	Cement mortar 1:3 (1 cement, 3 coarse sand)	cum	4.00	2053.34	8213.36
18	106080	Providing & fixing PVC multiple hollow section of approved colour with tongue and groove fixture having wall thickness 1mm and overall thickness 12mm in ceiling on existing frame work	Sqm	39.48	1976.60	78036.17

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19	106100	Providing and fixing at all height false ceiling of 12.5mm thick tapered edge gypsum board conforming to IS: 2095-Part I, including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised with zinc coating of grade 350 as per IS: 277 and consisting of angle cleats of size 25mm x 1.6mm with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with stener 12.5mm dia x 40mm long with 6mm dia bolts to the angle hangers of 25x25x0.55mm of required length and other end of angle hanger being fixed with nut and bolts to G.I. channels 45x15x0.9mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64mm dia x 230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, - the perimeter of ceiling fixed to wall/ partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the gypsum board with recommended filler, paper tapes, finisher and two coats of primer suitable for gypsum board as per manufacturers specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer-in-Charge but excluding the cost of painting.	Sqm	25.68	646.46	16601.09
20	106130	Extra for providing Plaster of Paris (Gypsum anhydrous) ceiling above 5 metres height from floor level for every additional metre	Sqm	606.88	56.16	34082.38
		12 mm cement plaster of mix -				
21	111012	1:6 (1cement: 6fine sand)	Sqm	67.57	62.50	4222.94
22	114030	Flush/ Ruled/ Struck or Weathered Pointing on tile brick work with cement mortar 1:3 (1cement: 3fine sand)	Sqm	59.48	63.18	3758.10
23	115080	Finishing walls with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications with two or more coats applied @ 1.25ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr/10sqm	Sqm	594.83	76.35	45414.89
		White washing with lime to give an even shade				
24	117051	Old work (two or more coats)	Sqm	71.22	7.65	544.83
		Oil bound distemper after removing old white/ colour wash by scrapping and sand papering etc., preparing the surface smooth including necessary repairs to scratches with putty etc complete				
25	117081	Two or more coat, to give an even shade	Sqm	953.08	58.43	55688.46
26	121020	Painting wood work with Deluxe Multi Surfaces Paint of required shade. Two or more coat applied @ 0.90ltr/ 10sqm over an under coat of primer, applied @ 0.75ltr/ 10sqm of approved brand or manufacture	Sqm	68.14	64.71	4409.04
27	121030	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coats applied @ 0.90ltr/ 10sqm over an under coat of primer applied @ 0.80ltr/ 10sqm of approved brand or manufacture	Sqm	119.08	65.69	7822.37
		Demolishing plain cement concrete including disposal of material within 50m lead				
28	181021	1:2:4 or richer mix with max. 20 mm coarse aggregate	cum	8.00	489.61	3916.88
		Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50m lead				

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29	182013	In cement mortar	cum	2.00	400.63	801.26
30	182070	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster/pointing including disposal of rubbish within 50m lead	Sqm	37.57	10.96	411.77
31	183010	Dismantling cement concrete / terrazzo flooring and/or underlayer excluding base concrete	Sqm	13.68	15.80	216.14
32	183020	Dismantling tile work in floors/dado/skirting laid in cement mortar/ chemical mortar/synthetic adhesive including stacking material within 50m lead	Sqm	51.87	22.53	1168.63
33	189040	Dismantling gypsum partitions including framework (Aluminium/steel),and false ceiling including stacking of serviceable material and disposal of unserviceable material within 50m lead	Sqm	26.33	13.67	359.93
34	189070	Removing tar felts or bitumen felts (Any no of layers) from roofs parapets etc including disposal by burning.	Sqm	250.00	10.22	2555.00
35	189110	Taking out European or Indian type WC, Squatting plate Complete with all parts including making good the walls complete, if required	Each	3.00	127.53	382.59
36	189120	Taking out Wash hand basin and sink complete with all parts including making good the walls complete, if required	Each	4.00	146.48	585.92
Sealing of cracks/porous concrete by injection process through nipples/Grouting complete as per Technical Specification						
37	222071	Neat Cement Grout with 20 % anti shrinkage compound w.r.t. cement	Kg	30.00	134.49	4034.70
38	236010	Cement concrete Grade M15 of coarse aggregate 40mm nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete	cum	15.00	2536.71	38050.65
					<b>Total</b>	<b>665052.79</b>
<b>Schedule</b>	Schedule A2-Pipe and Sanitary					
<b>Item- 2</b>	Pipe and Sanitary Work					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings including fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Internal work - exposed on wall				
1	131081	15mm nominal outer dia. Pipes	Metre	18.00	130.52	2349.36
2	131083	25mm nominal outer dia. Pipes	Metre	12.00	194.02	2328.24
3	131085	40mm nominal outer dia. Pipes	Metre	6.00	356.76	2140.56
		Providing and fixing PP-R Gate Valve fusion welded, having thermal stability for hot & cold water supply and testing of joints complete as per direction of engineer in charge				
4	131181	25 mm Gate Valve	Each	1.00	555.79	555.79
5	131183	40 mm Gate Valve	Each	3.00	769.86	2309.58
		Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :				
6	132200	Providing and fixing C.P. brass long body bib cock, 15 mm nominal bore, of approved quality conforming to IS standards and weighing not less than 690 gms	Each	9.00	455.08	4095.72
7	132210	Providing and fixing C.P. brass stop cock, 15 mm nominal bore, (concealed) of standard design and of approved make conforming to IS:8931	Each	5.00	384.65	1923.25
8	132220	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	Each	8.00	506.26	4050.08
		Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour				

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9	134102	15 mm nominal bore. with 45cm length	Each	12.00	60.00	720.00
10	136150	Providing and placing on terrace/staging (at all heights) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Litre	2000.00	6.57	13140.00
		Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast iron P or S trap, 10litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required				
11	151011	White Vitreous China Orissa pattern W.C. pan of size 580x440-mm with integral type foot rests	Each	1.00	3253.40	3253.40
		Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10litre low level white, P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required				
12	151021	W.C. pan with ISI marked white solid plastic seat and lid	Each	3.00	3037.77	9113.31
		Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern , with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required				
13	151041	One urinal basin with 5litre white P.V.C. automatic flushing cistern	Each	4.00	2669.80	10679.20
		Providing and fixing wash basin with C.I./ M.S. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required				
14	151071	white, vitreous china wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps	Each	4.00	2063.12	8252.48
		Providing and fixing Stainless Steel AISI- 304 (18/8) kitchen sink with drain board as per IS: 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required				
15	152021	510x1040 mm bowl depth 250mm	Each	1.00	4128.44	4128.44
		Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete				
16	152082	Flexible pipe 32mm dia.	Each	5.00	69.30	346.50
		Providing and fixing mirror of 5.5 mm thickness of float Glass (of approved Quality) required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard board backing				
17	152122	Rectangular shape 453x357mm (outer dimension)	Each	4.00	826.95	3307.80
18	152130	Providing and fixing 600x120x5mm glass shelf with edges round or supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete	Each	4.00	463.04	1852.16
		Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fitting arrangement of approved quality colour and make				
19	153322	600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms	Each	4.00	524.29	2097.16
20	153380	Providing and fixing C P brass Soap dish holder having length of 138 mm, 102 mm wide, 75 mm high with concealed fittings arrangements weighing approx. 110 gms	Each	4.00	189.72	758.88

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21	153450	Providing and fixing C P brass Shower arm 15 mm size with 15 mm (1/2") B.S.P. threads, 195 mm long with a bend of 45 (effective length of 210 mm) provided with a flange of 56 mm dia and having approx. wt. of 40 gms	Each	4.00	331.65	1326.60
22	154100	Providing and fixing 110 mm PVC Plain bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	2.00	94.71	189.42
23	154110	Providing and fixing 110 mm PVC bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	2.00	118.37	236.74
					<b>Total</b>	<b>79154.67</b>
<b>Schedule</b>	Schedule A3-Reinforcement and Steel Work					
<b>Item- 3</b>	Reinforcement and Steel Work					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		Structural steel work in single section including cutting, bending, straightening, drilling, rivetting, bolting, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
1	081011	In RSJ, tees, angles and channels	Kg	634.00	68.53	43448.02
		Structural steel work welded in built up sections, trusses and framed work, girders, stagings, racks, etc including cutting, bending, straightening, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
2	081031	In RSJ, tees, angles and channels	Kg	535.00	87.27	46689.45
3	081032	In flats, plates , round or square bars	Kg	170.00	84.23	14319.10
4	081180	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia, steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles and hold fasts including applying a priming coat of approved steel primer	Sqm	5.76	3240.06	18662.75
					<b>Total</b>	<b>123119.32</b>
<b>Schedule</b>	Schedule A4-Wood Work					
<b>Item- 4</b>	Wood Work					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		Providing wood work in frames of doors, windows, clerestory windows and other frames and trusses, wrought, framed and fixed in position :				
1	071013	Hollock wood or locally available comparable species of country wood (to be listed by respective railway). - Kiln seasoned & chemically treated	cu dm	162.00	55.98	9068.76
		Providing and fixing flush door shutters to IS: 2202 Part-I non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
2	072151	35mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	7.20	1201.14	8648.21
3	077180	Providing and fixing IS: 3564 marked aluminium die cast body tubular type universal hydraulic door closer, hardwyn make (Classic Queen) or equivalent with necessary accessories and screws etc. complete	Each	5.00	803.15	4015.75
4	077330	Providing and fixing chromium plated brass 100mm mortice latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete (best make of approved quality)	Each	4.00	834.51	3338.04



**EDFC FIELD UNIT-KOLKATA-CIVIL/EDFC  
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5	078310	Providing and fixing of fibre glass reinforced plastic (FRP) door frames of three legged of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate door frame moulded with fire retardant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fibre glass from all sides. M.S. stay shall be provided at the bottom to ready the frame	RM	19.70	565.26	11135.62
6	078320	Providing and fixing 30 mm thick glass fibre reinforced (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for farming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels and conforming to (IS:14856-2000) complete work	Sqm	6.90	2929.31	20212.24
					<b>Total</b>	<b>56418.62</b>
<b>Schedule</b>	Schedule A5-Supply of Cement					
<b>Item- 5</b>	Supply of Cement					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
		Supply and using cement at worksite :				
1	033063	PPC	Tonne	11.86	6400.90	75899.31
					<b>Total</b>	<b>75899.31</b>

**4. ELIGIBILITY CONDITIONS**

**5. COMPLIANCE**

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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)

**Custom**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Documents to be enclosed with the TECHNICAL BID as per Clause 1.3.2(b) of Part-I of Chapter-III of Tender Document	No	No	Not Allowed
1.1	Offer letter complete as per Form-1 of Tender Document	No	No	Allowed (Mandatory)
1.2	Applicant's Party Information Form: As per Form 2C of tender Document	No	No	Allowed (Mandatory)
1.3	Certificates for authenticity of documents/ Format for Affidavit: As per Form 22 of Tender Document	Yes	Yes	Allowed (Mandatory)
1.4	Details of Earnest money in accordance with Para 1.3.8 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	Yes	Yes	Allowed (Optional)
1.5	An undertaking that he is not blacklisted or debarred by Railways or any other Ministry or Department of Govt. of India from participation in tender on the date of opening of bids, either in individual capacity or as a member of the partnership firm or JV in which he was or is a partner/member. Concealment or wrong information in regard to above shall make the contract liable for determination under Clause 62 of the General Conditions of Contract.: As per Clause 1.3.6 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	No	No	Allowed (Mandatory)

**EDFC FIELD UNIT-KOLKATA-CIVIL/EDFC  
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1.6	Documents to be Submitted Along with Tender as per Clause 1.3.6.2 of Part-I, Chapter-III (Preamble & General Instructions to Tenderers)	No	No	Allowed (Optional)
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**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	TenderDocumentFinal.pdf	Tender Document

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:** JOY KARMAKAR

**Designation :** DYPM/Civil/Kolkata