

**HOWRAH DIVISION-ENGG/EASTERN RLY  
TENDER DOCUMENT**

**Tender No:** 124\_2026-27

**Closing Date/Time:** 06/07/2026 14:00

**DRM/HWH/ER** acting for and on behalf of The President of India invites E-Tenders against Tender No **124\_2026-27** Closing Date/Time 06/07/2026 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.

**1. NIT HEADER**

<b>Name of Work</b>	i) Howrah - UP gradation and interlocking of LC gates no. 11 at KM- 18 in between BWN-KWAE having TVU > 20000 of HWH Division and (ii)Howrah- Up-gradation & Interlocking of LC Gates AT Gate No. 12 at Km 31/39 - 32/01 between AZ - NHT having TVU > 20000 of HWH Division.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	06/07/2026 14:00	<b>Date Time Of Uploading Tender</b>	12/06/2026 19:32
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	5093762.63	<b>Tendering Section</b>	OA/2
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	101900.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	6 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	22/06/2026		
<b>Are JV allowed to bid</b>	No	<b>Number of JV Member Allowed</b>	0
<b>Are Consortium allowed to bid</b>	No	<b>Number of Consortium Member Allowed</b>	0
<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-Non Schedule Items for the work Howrah - UP gradation &amp; interlocking of LC gates no. 11 at KM- 18 in between BWN-KWAE having TVU &gt; 20000 of HWH Division.</b>							1265099.60	
1	1	40.00	Sqm	31627.49	1265099.60	AT Par	1265099.60	
	<b>Description:-</b> "Fabrication and manufacturing of solid precast concrete element for building as per approved plan (excluding foundation brick work upto plinth level) with provisions of shear keys, connecting loops, dowel rubes and proper lifting accessories for walls, beams, slabs, stairs column with prestressing steel stands reinforcement & wire fabric. Erection & installation of Precast/prestress concrete elements incorrect & final position with proper line level & plumb at site making all arrangements (i.e.cranes, push-pull jacks and another T&P for lifting placing & alignment of elements, within erection tolerance.) Laying of approved floor tiles,finishing work with cement base putti, acrylic based putty. Epoxy paint, UPVC door frames, PVC doors,shutters & other misc. allied aluminium work with polyester powder coating, glassing doors & windows with 5.5 mm thickness float/frosted glass,anodizing aluminium grill etc. as per approved drawing and with all transportation loading, unloading etc. as per direction of engineering incharge."							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule ( ) B-CPWD DSR 2023 Items for the work Howrah - UP gradation &amp; interlocking of LC gates no. 11 at KM- 18 in between BWN-KWAE having TVU &gt; 20000 of HWH Division.</b>							1249363.21	
1	2.8.1	40.00	cum	260.30	10412.00	(-) 10.00	9370.80	
	<b>Description:- EARTH WORK // General // Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. // All kinds of soil.</b>							
2	2.25	40.00	cum	196.00	7840.00	(-) 10.00	7056.00	

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	<b>Description:- EARTH WORK</b> // General // Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.						
3	4.1.6	12.00	cum	7178.75	86145.00	(-) 10.00	77530.50
	<b>Description:- CONCRETE WORK</b> // CEMENT CONCRETE (CAST IN SITU) // Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : // 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)						
4	4.1.2	20.00	cum	8340.85	166817.00	(-) 10.00	150135.30
	<b>Description:- CONCRETE WORK</b> // CEMENT CONCRETE (CAST IN SITU) // Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : // 1:1 1/2:3 (1 Cement: 1 1/2 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)						
5	6.1.1	20.00	cum	7370.65	147413.00	(-) 10.00	132671.70
	<b>Description:- MASONRY WORK</b> // General // Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: // Cement mortar 1:4 (1 cement : 4 coarse sand)						
6	16.91.2	80.00	Sqm	1091.50	87320.00	(-) 10.00	78588.00
	<b>Description:- ROAD WORK</b> // MISCELLANEOUS // Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. // 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.						
7	2.28.1	40.00	Sqm	34.15	1366.00	(-) 10.00	1229.40
	<b>Description:- EARTH WORK</b> // General // Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. // All kinds of soil						
8	2.31	40.00	Sqm	17.60	704.00	(-) 10.00	633.60
	<b>Description:- EARTH WORK</b> // General // Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.						
9	11.3.1	20.00	Sqm	614.20	12284.00	(-) 10.00	11055.60
	<b>Description:- FLOORING</b> // General // 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. // 40 mm thick with 20 mm nominal size stone aggregate						
10	15.3	2.00	cum	3551.25	7102.50	(-) 10.00	6392.25
	<b>Description:- DISMANTLING AND DEMOLISHING</b> // General // Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.						
11	15.60	2.00	cum	263.95	527.90	(-) 10.00	475.11
	<b>Description:- DISMANTLING AND DEMOLISHING</b> // General // Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.						
12	13.71	488.00	per letter per cm height	6.15	3001.20	(-) 10.00	2701.08
	<b>Description:- FINISHING</b> // EXTERIOR FINISHING // Lettering with black Japan paint of approved brand and manufacture						
13	5.9.1	20.00	Sqm	392.15	7843.00	(-) 10.00	7058.70
	<b>Description:- REINFORCEMENT CEMENT CONCRETE</b> // FORM WORK // Centering and shuttering including strutting, propping etc. and removal of form for // Foundations, footings, bases of columns, etc. for mass concrete						
14	5.22.6	818.00	Kg	107.85	88221.30	(-) 10.00	79399.17
	<b>Description:- REINFORCEMENT CEMENT CONCRETE</b> // STEEL REINFORCEMENT // Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. // Thermo-Mechanically Treated bars of grade Fe-500D or more.						

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15	5.33.1.1	6.00	cum	9504.75	57028.50	(-) 10.00	51325.65	
	<b>Description:- REINFORCEMENT CEMENT CONCRETE</b> // DESIGN MIX CONCRETE // Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.: // All works upto plinth level // Concrete of M25 grade with minimum cement content of 330 kg /cum							
16	5.35	1.00	Quintal	733.50	733.50	(-) 10.00	660.15	
	<b>Description:- REINFORCEMENT CEMENT CONCRETE</b> // DESIGN MIX CONCRETE // Add for using extra cement in the items of design mix over and above the specified cement content therein.							
17	12.41.2	6.00	Metre	377.40	2264.40	(-) 10.00	2037.96	
	<b>Description:- ROOFING</b> // RAIN WATER SPOUT AND PIPE // Providing and fixing on wall face unplasticised 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							
18	12.42.5.2	2.00	Each	150.35	300.70	(-) 10.00	270.63	
	<b>Description:- ROOFING</b> // RAIN WATER SPOUT AND PIPE // Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised 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. // Bend 87.5 degree // 110 mm bend							
19	12.44	2.00	Each	54.70	109.40	(-) 10.00	98.46	
	<b>Description:- ROOFING</b> // RAIN WATER SPOUT AND PIPE // Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.							
20	17.1.1	1.00	Each	6767.40	6767.40	(-) 10.00	6090.66	
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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: // White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests							
21	17.2.1	1.00	Each	6515.55	6515.55	(-) 10.00	5863.99	
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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 : // W.C. pan with ISI marked white solid plastic seat and lid							
22	17.4.1	1.00	Each	6258.75	6258.75	(-) 10.00	5632.88	
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm 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 : // One urinal basin with 5 litre white P.V.C. automatic flushing cistern							
23	17.7.2	1.00	Each	2226.35	2226.35	(-) 10.00	2003.71	
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: // White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap							
24	17.28.2.1	1.00	Each	119.55	119.55	(-) 10.00	107.59	
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. // Flexible pipe // 32 mm dia							
25	17.32.4	1.00	Each	2093.00	2093.00	(-) 10.00	1883.70	
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : // Rectangular shape 1500x450 mm							
26	10.1	50.00	Kg	117.35	5867.50	(-) 10.00	5280.75	
	<b>Description:- STEEL WORK</b> // General // Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.							
27	10.2	149.16	Kg	133.70	19942.69	(-) 10.00	17948.42	

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				<b>Description:- STEEL WORK</b> // General // Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.			
	18.6.3	5.00	Metre	316.25	1581.25	(-) 10.00	1423.13
28	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work // PN - 16 Pipe, 32 mm OD (SDR-7.4)						
	18.6.4	5.00	Metre	415.10	2075.50	(-) 10.00	1867.95
29	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work // PN - 16 Pipe, 40 mm OD (SDR-7.4)						
	18.6.5	5.00	Metre	450.95	2254.75	(-) 10.00	2029.28
30	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work // PN - 10 Pipe, 50 mm OD (SDR-11)						
31	18.6A.3	1.00	Each	403.70	403.70	(-) 10.00	363.33
	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing PPR Unions // PPR Union 32mm						
32	18.6A.4	1.00	Each	543.10	543.10	(-) 10.00	488.79
	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing PPR Unions // PPR Union 40mm						
33	18.6A.5	1.00	Each	782.10	782.10	(-) 10.00	703.89
	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing PPR Unions // PPR Union 50mm						
34	18.17.1	1.00	Each	622.40	622.40	(-) 10.00	560.16
	<b>Description:- WATER SUPPLY</b> // BRASS FITTINGS // Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : // 25 mm nominal bore						
35	18.18.2	1.00	Each	462.50	462.50	(-) 10.00	416.25
	<b>Description:- WATER SUPPLY</b> // BRASS FITTINGS // Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : // 20 mm nominal bore						
36	18.48	500.00	Per Litre	11.00	5500.00	(-) 10.00	4950.00
	<b>Description:- WATER SUPPLY</b> // C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES // Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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.						
37	18.54.1	1.00	Each	125.60	125.60	(-) 10.00	113.04
	<b>Description:- WATER SUPPLY</b> // PTMT FITTINGS // Providing and fixing PTMT bib cock of approved quality and colour. // 15 mm nominal bore, 86 mm long, weighing not less than 88 gms						
38	18.55.1	1.00	Each	118.50	118.50	(-) 10.00	106.65
	<b>Description:- WATER SUPPLY</b> // PTMT FITTINGS // Providing and fixing PTMT stop cock of approved quality and colour. // 15 mm nominal bore, 86 mm long, weighing not less than 88 gms						
39	2.27	5.00	cum	2123.75	10618.75	(-) 10.00	9556.88
	<b>Description:- EARTH WORK</b> // General // Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.						
40	16.4	20.00	cum	1046.95	20939.00	(-) 10.00	18845.10
	<b>Description:- ROAD WORK</b> // ROADS // Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .						
41	16.3.2	20.00	cum	1636.05	32721.00	(-) 10.00	29448.90
	<b>Description:- ROAD WORK</b> // ROADS // Supplying and stacking at site. // 63 mm to 45 mm size stone aggregate						
42	16.33.2	150.00	Sqm	294.95	44242.50	(-) 10.00	39818.25
	<b>Description:- ROAD WORK</b> // PREMIX CARPET // 2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). // With paving Asphalt grade VG - 30 with no solvent						

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43	16.40	150.00	Sqm	88.55	13282.50	(-) 10.00	11954.25	
	<b>Description:- ROAD WORK // SEAL COAT //</b> Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.							
44	16.31.1.1	150.00	Sqm	13.45	2017.50	(-) 10.00	1815.75	
	<b>Description:- ROAD WORK // PREMIX CARPET //</b> Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. // With rapid setting bitumen emulsion // On W.B.M / W.M.M. @ 0.4kg/sqm							
45	16.31.1.2	150.00	Sqm	9.20	1380.00	(-) 10.00	1242.00	
	<b>Description:- ROAD WORK // PREMIX CARPET //</b> Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. // With rapid setting bitumen emulsion // On bituminous surface @ 0.25kg/sqm							
46	16.37.1	150.00	Sqm	854.15	128122.50	(-) 10.00	115310.25	
	<b>Description:- ROAD WORK // PREMIX CARPET //</b> Providing and laying bitumen mastic wearing course (as per specifications) with industrial bitumen of grade 85/25 conforming to IS : 702, prepared by using mastic cooker and laid to required level and slope, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of approved size at the rate of 0.005 cum per 10 sqm and at approximate spacing of 10 cm centre to centre in both directions, pressed into surface protruding 1 mm to 4 mm over mastic surface, including cleaning the surface, removal of debris etc. all complete. (Considering bitumen using 10.2% as per MORTH specification). // 25 mm thick							
47	16.62	35.00	Sqm	747.80	26173.00	(-) 10.00	23555.70	
	<b>Description:- ROAD WORK // MISCELLANEOUS //</b> Providing and applying 2.5 mm thick road marking strips (retro- reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.							
48	26.41	350.00	Kg	285.90	100065.00	(-) 10.00	90058.50	
	<b>Description:- NEW TECHNOLOGIES AND MATERIALS // NEW TECHNOLOGY ITEMS //</b> Designing, providing, installing and fixing factory finished custom designed cold form Light Gauge Steel Framed super structure comprising of steel wall panel, trusses, purlins etc manufactured out of minimum 0.75 mm thick steel sheet as per design requirements. The steel sheet shall be galvanized (AZ-150 gms Aluminium Zinc Alloy coated steel having minimum yield strength 300-550 Mpa) conforming to AISI specifications and IBC 2009 for cold formed steel framing and construction and also as per IS: 875-1987, ISO 800-1984 and IS:801- 1975. The wind load shall be as per provisions of IS 875 (part - III). LGSFS frame shall be designed as per IS: 801 using commercially available software such as Frame CAD Pro-11.7/ STAAD PRO-V8i/ArchitekV2.5.16/ Revit architecture-2011 or equivalent. Proper usage of Connection Accessories like Heavy Duty Tension Ties, Light Duty Hold-ons, Twist Straps (to connect truss with wall frames), Strong Tie, Tie Rod, H-Brackets, Boxing Sections, L-Shaped Angles for better structural stability. The framing section shall be cold form C-type having minimum web depth 89 mm x 39 mm flange x 11 mm lip in required length as per structural design requirement duly punched with dimple/slot at required locations as per approved drawings. The slots will be along centre line of webs and shall be spaced minimum 250 mm away from both ends of the member. The frame can be supplied in panelized or knock down condition in specific dimensions and fastened with screws extending through the steel beyond by minimum of three exposed threads. All self drilling tapping screws for joining the members shall have a Type II coating in accordance with ASTM B633(13) or equivalent corrosion protection of gauge 10 & 12, TPI 16 & 8 of length 20 mm. The frames shall be fixed to RCC slab or Tie beam over Neoprene rubber using self expanding carbon steel anchor bolt of dia as per approved drawings. design subject to minimum 12 mm diameter and 121 mm length conforming to AISI 304 and 316 at 500 mm c/c with minimum embedment of 100 mm in RCC (RCC to be paid separately) and located not more than 300 mm from corners or termination of bottom tracks complete in all respects. The item also includes the submission of stability reports duly examined and issued by any NIT/IIT. The rate includes the concept design, detailed design, fabrication of sections, transportation, installation and all required fixing arrangement at site as described above.							
	26.42.1	40.00	Sqm	3903.35	156134.00	(-) 10.00	140520.60	

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49	<b>Description:- NEW TECHNOLOGIES AND MATERIALS // NEW TECHNOLOGY ITEMS //</b> Providing and fixing of external wall system on Light gauge steel frame work with outer face cement boards as per standard sizes fixed with self- drilling / taping screws / fasteners @ 60 cm c/c of approved make. A groove of 2 mm to 3 mm shall be maintained and grooves shall be sealed with silicon based sealant. The board shall be fixed in a staggered pattern. Screws shall be of counter sunk rib head of 1.60 mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm and Internal face 12.5 mm thick gypsum plaster board fixed on cement board as per standard sizes fixed with self- drilling / taping screws / fasteners @ 60 cm c/c of approved make, proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) // Outer face- Outer face having 6 mm thick fiber cement board Type A, Category-IV as per IS: 14862:2000 fixed on 9 mm thick fiber cement board, Type A, Category-IV as per IS: 14862:2000 (high pressure steam cured) Inner Face- 12.5 mm thick gypsum plaster board conforming to IS 2095:2011 fixed on 8 mm thick fibre cement board of Type B, Category-III, as per IS: 14862:2000 (High pressure steam cured)							
	26.43.1	40.00	Sqm	2221.05	88842.00	(-) 10.00	79957.80	
50	<b>Description:- NEW TECHNOLOGIES AND MATERIALS // NEW TECHNOLOGY ITEMS //</b> Providing and fixing internal wall panels on Light gauge steel frame work with 12.5 mm thick gypsum plaster board conforming IS 2095:2011 fixed on cement board as per standard sizes fixed with self-drilling / taping screws / fasteners @ 60 cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60 mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.(cost of frame work to be paid for separately) // Cement Fiber Board 8 mm thick of type B, Category III as per IS 14862:2000 (High pressure Steam Cured)							
	26.44	40.00	Sqm	298.75	11950.00	(-) 10.00	10755.00	
51	<b>Description:- NEW TECHNOLOGIES AND MATERIALS // NEW TECHNOLOGY ITEMS //</b> Providing and fixing in all exterior face panels breathable vapour barrier underneath the cement fiber board as per National Building Code 2009 complete as per direction of Engineer-in-charge.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule ( ) C-USSOR 2021 Items for the work Howrah - UP gradation &amp; interlocking of LC gates no. 11 at KM- 18 in between BWN-KWAE having TVU &gt; 20000 of HWH Division.</b>							32418.52	
	186150	1.00	Each	2768.97	2768.97	AT Par	2768.97	
1	<b>Description:-</b> Fabrication, supplying and fixing Stop Boards of 600mm dia. to lifting barriers as per approved drawing, made of 3mm thick plate, using MS clamps, providing 6 nos. of 50mm dia. red retro-reflector on stop board, painting iron works with two coats of synthetic enamel paint over one coat of primer of approved quality & colour and writing STOP mark over the board.							
	202011	1.00	Set	7859.85	7859.85	AT Par	7859.85	
2	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Bilingual Whistle Boards for level crossing of size 600mm x 600mm of each board with back support frame welded to vertical post of MS T section of size 75mm x 75mm x 6mm x 3950mm							
	202012	1.00	Set	7316.60	7316.60	AT Par	7316.60	
3	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Speed Breaker / Rumble Strips Board of size 900 mm equilateral triangular shape and 600mmx200mm boards with back support frame welded to vertical post of MS T section of size 80mmx80mmx8mmx3650mm							

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4	202014	1.00	Set	6796.33	6796.33	AT Par	6796.33	
	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Manned Level Crossing Indicator Board of size 900 mm equilateral triangular shape with back support frame welded to vertical post of MS T section of size 80mmx80mmx8mmx3650mm							
5	202015	1.00	Set	7676.77	7676.77	AT Par	7676.77	
	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Single Strip / Double Strip Level Crossing Road Warning Board of size 900 mm equilateral triangular shape and 900x300 board with back support frame welded to vertical post of MS T section of size 80mmx80mmx8mmx3650mm							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule ()</b> D-Non Schedule Items for the work Up-gradation & Interlocking of LC Gates AT Gate No. 12 at Km 31/39 - 32/01 between AZ - NHT Having TVU > 20000 of HWH Division.							1265099.60	
1	1	40.00	Sqm	31627.49	1265099.60	AT Par	1265099.60	
	<b>Description:-</b> "Fabrication and manufacturing of solid precast concrete element for building as per approved plan (excluding foundation brick work upto plinth level) with provisions of shear keys, connecting loops, dowel rubes and proper lifting accessories for walls, beams, slabs, stairs column with prestressing steel stands reinforcement & wire fabric. Erection & installation of Precast/prestress concrete elements incorrect & final position with proper line level & plumb at site making all arrangements (i.e.cranes, push-pull jacks and another T&P for lifting placing & alignment of elements, within erection tolerance.) Laying of approved floor tiles,finishing work with cement base putty, acrylic based putty. Epoxy paint, UPVC door frames, PVC doors,shutters & other misc. allied aluminium work with polyester powder coating, glassing doors & windows with 5.5 mm thickness float/frosted glass,anodizing aluminium grill etc. as per approved drawing and with all transportation loading, unloading etc. as per direction of engineering incharge."							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule ()</b> E-CPWD DSR 2023 Items for the work Up-gradation & Interlocking of LC Gates AT Gate No. 12 at Km 31/39 - 32/01 between AZ - NHT Having TVU > 20000 of HWH Division.							1249363.18	
1	2.8.1	40.00	cum	260.30	10412.00	(-) 10.00	9370.80	
	<b>Description:- EARTH WORK</b> // General // Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. // All kinds of soil.							
2	2.25	40.00	cum	196.00	7840.00	(-) 10.00	7056.00	
	<b>Description:- EARTH WORK</b> // General // Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.							
3	4.1.6	12.00	cum	7178.75	86145.00	(-) 10.00	77530.50	

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	<b>Description:- CONCRETE WORK // CEMENT CONCRETE (CAST IN SITU) // Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : // 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources)</b>						
4	4.1.2	20.00	cum	8340.85	166817.00	(-) 10.00	150135.30
	<b>Description:- CONCRETE WORK // CEMENT CONCRETE (CAST IN SITU) // Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : // 1:1 1/2:3 (1 Cement: 1 1/2 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)</b>						
5	6.1.1	20.00	cum	7370.65	147413.00	(-) 10.00	132671.70
	<b>Description:- MASONRY WORK // General // Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: // Cement mortar 1:4 (1 cement : 4 coarse sand)</b>						
6	16.91.2	80.00	Sqm	1091.50	87320.00	(-) 10.00	78588.00
	<b>Description:- ROAD WORK // MISCELLANEOUS // Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness &amp; size/ shape, made by table vibratory method using PU mould, laid in required colour &amp; pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. // 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.</b>						
7	2.28.1	40.00	Sqm	34.15	1366.00	(-) 10.00	1229.40
	<b>Description:- EARTH WORK // General // Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. // All kinds of soil</b>						
8	2.31	40.00	Sqm	17.60	704.00	(-) 10.00	633.60
	<b>Description:- EARTH WORK // General // Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.</b>						
9	11.3.1	20.00	Sqm	614.20	12284.00	(-) 10.00	11055.60
	<b>Description:- FLOORING // General // 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. // 40 mm thick with 20 mm nominal size stone aggregate</b>						
10	15.3	2.00	cum	3551.25	7102.50	(-) 10.00	6392.25
	<b>Description:- DISMANTLING AND DEMOLISHING // General // Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.</b>						
11	15.60	2.00	cum	263.95	527.90	(-) 10.00	475.11
	<b>Description:- DISMANTLING AND DEMOLISHING // General // Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.</b>						
12	13.71	488.00	per letter per cm height	6.15	3001.20	(-) 10.00	2701.08
	<b>Description:- FINISHING // EXTERIOR FINISHING // Lettering with black Japan paint of approved brand and manufacture</b>						
13	5.9.1	20.00	Sqm	392.15	7843.00	(-) 10.00	7058.70
	<b>Description:- REINFORCEMENT CEMENT CONCRETE // FORM WORK // Centering and shuttering including strutting, propping etc. and removal of form for // Foundations, footings, bases of columns, etc. for mass concrete</b>						
14	5.22.6	818.00	Kg	107.85	88221.30	(-) 10.00	79399.17
	<b>Description:- REINFORCEMENT CEMENT CONCRETE // STEEL REINFORCEMENT // Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. // Thermo-Mechanically Treated bars of grade Fe-500D or more.</b>						
	5.33.1.1	6.00	cum	9504.75	57028.50	(-) 10.00	51325.65

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15	<b>Description:- REINFORCEMENT CEMENT CONCRETE</b> // DESIGN MIX CONCRETE // Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.: // All works upto plinth level // Concrete of M25 grade with minimum cement content of 330 kg /cum						
16	5.35	1.00	Quintal	733.50	733.50	(-) 10.00	660.15
	<b>Description:- REINFORCEMENT CEMENT CONCRETE</b> // DESIGN MIX CONCRETE // Add for using extra cement in the items of design mix over and above the specified cement content therein.						
17	12.41.2	6.00	Metre	377.40	2264.40	(-) 10.00	2037.96
	<b>Description:- ROOFING</b> // RAIN WATER SPOUT AND PIPE // Providing and fixing on wall face unplasticised 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						
18	12.42.5.2	2.00	Each	150.35	300.70	(-) 10.00	270.63
	<b>Description:- ROOFING</b> // RAIN WATER SPOUT AND PIPE // Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised 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. // Bend 87.5 degree // 110 mm bend						
19	12.44	2.00	Each	54.70	109.40	(-) 10.00	98.46
	<b>Description:- ROOFING</b> // RAIN WATER SPOUT AND PIPE // Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.						
20	17.1.1	1.00	Each	6767.40	6767.40	(-) 10.00	6090.66
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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: // White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests						
21	17.2.1	1.00	Each	6515.55	6515.55	(-) 10.00	5863.99
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, 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 : // W.C. pan with ISI marked white solid plastic seat and lid						
22	17.4.1	1.00	Each	6258.75	6258.75	(-) 10.00	5632.88
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm 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 : // One urinal basin with 5 litre white P.V.C. automatic flushing cistern						
23	17.7.2	1.00	Each	2226.35	2226.35	(-) 10.00	2003.71
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: // White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap						
24	17.28.2.1	1.00	Each	119.55	119.55	(-) 10.00	107.59
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. // Flexible pipe // 32 mm dia						
25	17.32.4	1.00	Each	2093.00	2093.00	(-) 10.00	1883.70
	<b>Description:- SANITARY INSTALLATIONS</b> // General // Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : // Rectangular shape 1500x450 mm						
26	10.1	100.00	Kg	117.35	11735.00	(-) 10.00	10561.50
	<b>Description:- STEEL WORK</b> // General // Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
27	10.2	277.45	Kg	133.70	37095.06	(-) 10.00	33385.55
	<b>Description:- STEEL WORK</b> // General // Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						

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28	18.6.3	9.00	Metre	316.25	2846.25	(-) 10.00	2561.63	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work // PN - 16 Pipe, 32 mm OD (SDR-7.4)
29	18.6.4	6.00	Metre	415.10	2490.60	(-) 10.00	2241.54	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work // PN - 16 Pipe, 40 mm OD (SDR-7.4)
30	18.6.5	5.00	Metre	450.95	2254.75	(-) 10.00	2029.28	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. External work // PN - 10 Pipe, 50 mm OD (SDR-11)
31	18.6A.3	1.00	Each	403.70	403.70	(-) 10.00	363.33	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing PPR Unions // PPR Union 32mm
32	18.6A.4	1.00	Each	543.10	543.10	(-) 10.00	488.79	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing PPR Unions // PPR Union 40mm
33	18.6A.5	1.00	Each	782.10	782.10	(-) 10.00	703.89	<b>Description:- WATER SUPPLY</b> // PP-R PIPES // Providing and fixing PPR Unions // PPR Union 50mm
34	18.17.1	1.00	Each	622.40	622.40	(-) 10.00	560.16	<b>Description:- WATER SUPPLY</b> // BRASS FITTINGS // Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : // 25 mm nominal bore
35	18.18.2	1.00	Each	462.50	462.50	(-) 10.00	416.25	<b>Description:- WATER SUPPLY</b> // BRASS FITTINGS // Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : // 20 mm nominal bore
36	18.48	500.00	Per Litre	11.00	5500.00	(-) 10.00	4950.00	<b>Description:- WATER SUPPLY</b> // C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES // Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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.
37	18.54.1	1.00	Each	125.60	125.60	(-) 10.00	113.04	<b>Description:- WATER SUPPLY</b> // PTMT FITTINGS // Providing and fixing PTMT bib cock of approved quality and colour. // 15 mm nominal bore, 86 mm long, weighing not less than 88 gms
38	18.55.1	1.00	Each	118.50	118.50	(-) 10.00	106.65	<b>Description:- WATER SUPPLY</b> // PTMT FITTINGS // Providing and fixing PTMT stop cock of approved quality and colour. // 15 mm nominal bore, 86 mm long, weighing not less than 88 gms
39	2.27	5.00	cum	2123.75	10618.75	(-) 10.00	9556.88	<b>Description:- EARTH WORK</b> // General // Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.
40	16.4	96.00	cum	1046.95	100507.20	(-) 10.00	90456.48	<b>Description:- ROAD WORK</b> // ROADS // Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .
41	16.3.2	96.00	cum	1636.05	157060.80	(-) 10.00	141354.72	<b>Description:- ROAD WORK</b> // ROADS // Supplying and stacking at site. // 63 mm to 45 mm size stone aggregate
42	16.33.2	240.00	Sqm	294.95	70788.00	(-) 10.00	63709.20	<b>Description:- ROAD WORK</b> // PREMIX CARPET // 2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). // With paving Asphalt grade VG - 30 with no solvent

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43	16.40	240.00	Sqm	88.55	21252.00	(-) 10.00	19126.80	
	<b>Description:- ROAD WORK // SEAL COAT //</b> Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.							
44	16.31.1.1	240.00	Sqm	13.45	3228.00	(-) 10.00	2905.20	
	<b>Description:- ROAD WORK // PREMIX CARPET //</b> Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. // With rapid setting bitumen emulsion // On W.B.M / W.M.M. @ 0.4kg/sqm							
45	16.31.1.2	240.00	Sqm	9.20	2208.00	(-) 10.00	1987.20	
	<b>Description:- ROAD WORK // PREMIX CARPET //</b> Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. // With rapid setting bitumen emulsion // On bituminous surface @ 0.25kg/sqm							
46	16.37.1	240.00	Sqm	854.15	204996.00	(-) 10.00	184496.40	
	<b>Description:- ROAD WORK // PREMIX CARPET //</b> Providing and laying bitumen mastic wearing course (as per specifications) with industrial bitumen of grade 85/25 conforming to IS : 702, prepared by using mastic cooker and laid to required level and slope, including providing antiskid surface with bitumen precoated fine grained hard stone chipping of approved size at the rate of 0.005 cum per 10 sqm and at approximate spacing of 10 cm centre to centre in both directions, pressed into surface protruding 1 mm to 4 mm over mastic surface, including cleaning the surface, removal of debris etc. all complete. (Considering bitumen using 10.2% as per MORTH specification). // 25 mm thick							
47	16.62	55.00	Sqm	747.80	41129.00	(-) 10.00	37016.10	
	<b>Description:- ROAD WORK // MISCELLANEOUS //</b> Providing and applying 2.5 mm thick road marking strips (retro- reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () F-USSOR 2021 Items for the work Up-gradation &amp; Interlocking of LC Gates AT Gate No. 12 at Km 31/39 - 32/01 between AZ - NHT Having TVU &gt; 20000 of HWH Division.</b>							32418.52	
1	186150	1.00	Each	2768.97	2768.97	AT Par	2768.97	
	<b>Description:-</b> Fabrication, supplying and fixing Stop Boards of 600mm dia. to lifting barriers as per approved drawing, made of 3mm thick plate, using MS clamps, providing 6 nos. of 50mm dia. red retro-reflector on stop board, painting iron works with two coats of synthetic enamel paint over one coat of primer of approved quality & colour and writing STOP mark over the board.							
2	202011	1.00	Set	7859.85	7859.85	AT Par	7859.85	
	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Bilingual Whistle Boards for level crossing of size 600mm x 600mm of each board with back support frame welded to vertical post of MS T section of size 75mm x 75mm x 6mm x 3950mm							
	202012	1.00	Set	7316.60	7316.60	AT Par	7316.60	

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3	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Speed Breaker / Rumble Strips Board of size 900 mm equilateral triangular shape and 600mmx200mm boards with back support frame welded to vertical post of MS T section of size 80mmx80mmx8mmx3650mm						
	202014	1.00	Set	6796.33	6796.33	AT Par	6796.33
4	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Manned Level Crossing Indicator Board of size 900 mm equilateral triangular shape with back support frame welded to vertical post of MS T section of size 80mmx80mmx8mmx3650mm						
	202015	1.00	Set	7676.77	7676.77	AT Par	7676.77
5	<b>Description:-</b> Manufacturing, fabricating and supplying retro-reflective Level Crossing Indicator boards, made of 2mm thick aluminium sheet or 3mm thick aluminium composite sheet, face to be fully covered with high intensity encapsulated type heat activated retro-reflective sheeting conforming to type-IV of ASTM-D4956-01 in yellow & black or other colour combination including subject matter, message, symbols, borders etc. as approved by Engineer In-charge or as per IRPWM guidelines, pasted on substrate by an adhesive backing which shall be activated by applying heat and pressure conforming to class-2 of ASTM-D-4956-01 and fixing the same with suitable sized aluminium alloy rivets @ 20 cm c/c to back-support frame of M.S. angle iron of size 25mm x 25mm x 3mm provided all along the edges of board with theft resistant measures, back side of board shall be with non-peelable weather-proof paint, consisting of one coat of zinc chromate primer and two coats of epoxy paint. Vertical post shall have black & white anti-corrosive paint or powder coating complete, as directed. Single Strip / Double Strip Level Crossing Road Warning Board of size 900 mm equilateral triangular shape and 900x300 board with back support frame welded to vertical post of MS T section of size 80mmx80mmx8mmx3650mm						

**3. ITEM BREAKUP**

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

**Standard Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	Financial Eligibility Criteria: Advance Correction Slip No. 1) Ref: 2022/ce-i/ct/gcc-2022/policy dated- 14.07.2022) A. Para 10.2., Part I of GCC shall be read as under: The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover under: Financial Eligibility Criteria: Advance Correction Slip No. 1) Ref: 2022/ce-i/ct/gcc-2022/policy dated- 14.07.2022) A. Para 10.2., Part I of GCC shall be read as under: The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover under: The tenderers shall submit requisite information as per Annexure-XIV (as per tender document & NIT), along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)
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**Special Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Similar Nature of work: Any Civil works with pre-cast pre-fabricated beam, column and panels	No	No	Allowed (Mandatory)

**Standard Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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1	<p><b>ELIGIBILITY CRITERIA (FOR TENDERS OF VALUE ABOVE RS. 50 LAKHS) :</b>  (a)The tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of the tender. (b)(i) In case of tenders for composite works (e.g. works involving more than one distinct component, such as Civil Engineering works, S&amp;T works, Electrical works, OHE works etc. and in the case of major bridges - substructure, superstructure etc.), tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender. Note for (b) (i): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components (b) (ii) In such cases, what constitutes a component in a composite work shall be clearly pre-defined with estimated tender cost of it, as part of the tender documents without any ambiguity. (b) (iii) To evaluate the technical eligibility of tenderer, only components of work as stipulated in tender documents for evaluation of technical eligibility, shall be considered. The scope of work covered in other remaining components shall be either executed by tenderer himself if he has work experience as mentioned in clause 7 the Standard General Conditions of Contract or through subcontractor fulfilling the requirements as per clause 7 of the Standard General Conditions of Contract or jointly i.e., partly himself and remaining through subcontractor, with prior approval of Chief Engineer in writing. However, if required in tender documents by way of Special Conditions, a formal agreement duly notarised, legally enforceable in the court of law, shall be executed by the main contractor with the subcontractor for the component(s) of work proposed to be executed by the subcontractor(s), and shall be submitted along with the offer for considering subletting of that scope of work towards fulfillment of technical eligibility. Such subcontractor must fulfill technical eligibility criteria as follows: The subcontractor shall have successfully completed at least one work similar to work proposed for subcontract, costing not less than 35% value of work to be subletted, in last 5 years, ending last day of month previous to the one in which tender is invited through a works contract.</p>	No	No	Allowed (Mandatory)
1.1	<p>Note: for subletting of work costing up to Rs 50 lakh, no previous work experience of subcontractor shall be asked for by the Railway. In case after award of contract or during execution of work it becomes necessary for contractor to change subcontractor, the same shall be done with subcontractor(s) fulfilling the requirement as per clause 7 of the Standard GCC with prior approval of Chief Engg. in writing.</p>	No	No	Not Allowed
1.2	<p>Note for Item 10.1 of GCC 2022: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organisation, work experience certificate issued by Public listed company having average annual turnover of Rs 500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates. In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.</p>	No	No	Allowed (Mandatory)

**Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:**

S.No.	Description
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# HOWRAH DIVISION-ENGG/EASTERN RLY TENDER DOCUMENT

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1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.**

S.No.	Description
1	<b>Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.</b> Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. ( <a href="#">Click here</a> to download the Format of Self Certification)

## 5. COMPLIANCE

### Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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**HOWRAH DIVISION-ENGG/EASTERN RLY  
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1	A . Documents to be uploaded only in the website by the Tenderer Following Annexures duly filled and signed are to be uploaded online only prior to Closing of Tender. Original copy of all the documents to be submitted to office within 7 days whenever demanded by the Railway. Annexures are available at Upload/View Document menu in Home Page of IREPS portal for works tender. 1. The details of the works completed by the tenderer during the last Seven years to be filled in Annexure-I. 2. The details of Plants and Machinery with the tenderer to be filled in Annexure- II. 3. Details of Personnel and Organization of the Tenderer to be filled in Annexure-III. 4. Details of Works presently on hand of the Tenderer to be filled in Annexure- IV. 5. The details regarding Association of Railway Officer s with the tenderer to be filled in Annexure- V. 6. List of the Arbitration cases of the Tenderer during last Five years to be filled in Annexure-VI. 7. List of the Court cases of the Tenderer during last Five years to be filled in Annexure- VII. 8. NEFT MANDATE FORM. All Payments to the agency including the refund of the Earnest Money of the unsuccessful bidder preferably will be remitted through NEFT. The Tenderer is required to submit Bank details and A/C No. etc. in Annexure-VIII. 9.Format for Certificate to be uploaded by Tenderer Along with the tender documents Annexure-IX and IX-A (As per GCC-2022 Annexure-V and V-A). 10. GST COMPLAINT INVOICE Annexure-X 11. LETTER OF CREDIT Annexure-XI, 12. Bid Capacity Declaration Annexure-XII.13. Bid Security declaration Annexure-XIII and 14. Annual Contractual Turnover Data Declaration Annexure-XIV (As per GCC-2022 Annexure-VI-B).	No	No	Not Allowed
2	B . The tender offer complete in all respect and with all documents is to be submitted online by e-tendering process through the website www.ireps.gov.in before the closing time/date of this tender as mentioned in the NIT (Notice Inviting Tender). Tenderer can revise the bids any number of times till the closing time/date of the tender. No manual offers shall be accepted.	No	No	Not Allowed

**Commercial-Compliance**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Demand for the Financial Criteria, Association of Railway Officers, List of Arbitration cases, Court cases and Mandate for NEFT are to be uploaded with a scanned copy duly filled in and signed as per annexure no. IV, V, VI, VII, VIII respectively. These Annexures are available in View Document menu at Home page and is downloadable. The details of the uploaded documents should be produced whenever demanded for verification on written request at any point of time of the tender and contract within 7 days.	Yes	No	Allowed (Mandatory)
2	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)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderers are requested to go through the following documents which are available in upload/View Documents in Home page of IREPS portal for works tenders before submitting the e-tender. 1. INSTRUCTIONS TO TENDERERS For e-Tenders-Chapter- I 2. SPECIAL CONDITIONS OF CONTRACT-GENERAL - Chapter-II	No	No	Not Allowed

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2	Opening of e-tender : 1. The e-tenders will be opened online using the IREPS portal anytime after closing of the schedule date and time. No representative is required to be present for opening of e-tender and taking notes of rates quoted and ranking as the complete details of rates etc. of all the bidders shall be available to the bidders in the website after the opening of the tender. Note: For more details refer to Cl: 4 of General Instruction- Chapter-I for Submission of EMD.	No	No	Not Allowed
3	In case the date of closing mentioned in the Notice Inviting Tender is declared a holiday/bandh/strike on any account, the date of closing tender online will not be changed as the application in the website of IREPS does not permit submission of any offer after closing date and time of the tender. However, opening of tenders online will be done next working day.	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Demand for the credential criteria both Technical and Similar nature of work and other technical details are to be uploaded with a scanned copy duly filled in and signed as per annexure no. I, II, III. These Annexures are available in View Document menu at Home page and are downloadable. The details of the uploaded documents should be produced whenever demanded for verification on written request at any point of time of the tender and contract within 7 days.	Yes	No	Allowed (Mandatory)

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
2	1.0 WHEREAS the President of India acting through the Eastern Railway administration and their authorised officers has invited e-tenders for the above-mentioned work vide tender notice mentioned in the NIT Notice Inviting Tender published in the website. 2.0 AND WHEREAS I/We, have read the above NIT Notice Inviting Tender for e-tender, General instructions, Special Conditions-General, all special conditions and have purchased this e-tender document, have carefully read and understood the same, have visited the site and have satisfied myself/ourselves as to the nature of the work and site conditions before filling this e-tender. 3.0 AND WHEREAS my/our address for all communications hereinafter shall be considered as official and shall be made in the address, email Id and Mobile phone and other phone nos. given in the portal of IREPS while registering as tenderer for e-tender. In case of any change in this concerned officer of railway will be informed. 4.0 AND WHEREAS I/We state that in the event of this e-tender being unsuccessful, the aforesaid earnest money deposited by me/us may be refunded to me/us through NEFT. 5.0 AND WHEREAS I/We hereby sign this e-tender document digitally by virtue of the legal authorities vested with me/us to enter into commitment on behalf of the tenderer, documentary support whereof is enclosed herewith. 6.0 AND WHEREAS I/We have read and understood this e-tender document and agree to abide by the various terms and conditions contained therein. I/We also agree to keep the offer open for acceptance for a period of 45 days from the date fixed for closing of the same and in default hereof, I/We will be liable for forfeiture of my/our earnest money.	No	No	Not Allowed

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3	7.0 Now, therefore I/We hereby submit this e-tender and offer to do the work for the Eastern Railway at the rates quoted in the schedule through online and hereby bind myself/ourselves to complete the work in all respects within the stipulated period of completion from the date of issue of the letter of acceptance of this tender. 8.0 And I/We agree to abide by the General Conditions of Contract 2022 editions and the Unified Standard Schedule of Rates Labour Materials of 2011 edition issued by the Eastern Railway, read with all correction slips issued thereto from time to time, and to carry out the works according to the special conditions and specifications of materials and works as laid hereunder in various chapters of this e-tender document. 9.0 And I/We have understood and accept the stipulation that full value of the earnest money shall stand forfeited without prejudice to any other right or remedies if: 1. I/We do not execute the contract documents, in case my/our tender is accepted, within seven days after receipt of notice issued by the Railway that such documents are ready, or 2. I/we do not commence the work, in case my/our e-tender is accepted, within fifteen days after receipt of orders to that effect. 10.0 And until a formal agreement is executed, acceptance of this tender shall constitute a binding contract between us subject to modifications as may be mutually agreed between us and indicated in the letter of acceptance of my/our offer for this work. 11.0 And I/We agree to produce the details of the uploaded documents whenever demanded for verification on written request at any point of time of the tender and contract within 7 days.	No	No	Not Allowed
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**Custom**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Scanned copy of any other letters/documents etc. If agency intends to submit .	No	No	Allowed (Optional)
2	Format for certificate to be uploaded by Tenderer Along with the tender documents (Annexure-IX)	Yes	Yes	Allowed (Mandatory)
2.1	As per 2nd amendment of GCC-2022 in case of other than company/ Proprietary Firm , Annexure-IX -A shall also be submitted by each member of a partnership firm, Joint Venture (JV) / Hindu Undivided Family (HUH / Limited Liability Partnership (LLP) etc. Non-submission of properly filled certificate in the prescribed format shall summarily be rejected of offer.	Yes	Yes	Allowed (Mandatory)
2.2	Format for certificate of Bid Capacity Declaration to be uploaded by Tenderer Along with the tender documents (Annexure-XII)	Yes	Yes	Allowed (Optional)
3	Standard format of the Annual Contractual Turnover Data for the Previous 3/4 Years (Contractual Payment only) Declaration to be submitted mandatorily by the bidder is enclosed as Annexure 'XIV'. ( In case of tender value above 50 lakhs.)	Yes	Yes	Allowed (Optional)

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	LetterregardingrecommendedlistofBrands_makeofmaterialsdated03.09.2025.pdf	Recommended list of Brands/Makes of materials for use in all Civil Engg. Works
2	Updatedtenderdocument_151.pdf	Updated tender document
3	Annexure-XIII_1.pdf	Bid Security
4	Annexure-IVVVIVIVIII_2.pdf	Annexure-IV to VIII
5	Annexure-III_3.pdf	Annexure-I to III

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6	GCCACS14.07.2022-compressed.pdf	GCC ACS 14.07.2022
7	CheckList_3.pdf	Checklist
8	JPOSTCables_1.pdf	JPO S and T
9	Annexure-X2.pdf	Annexure X
10	NewAnnexure-IX-merged.pdf	Annexure IX and IXA
11	Annexure-XII_.pdf	Bid Capacity
12	ColouredFinal_GCC_April-22_pdf_27.04.22_1.pdf	General Condition of Contract 2022
13	Annexure-XI_11_2.pdf	Annexure- XI
14	Annexure-XIV_1.pdf	Annexure -XIV
15	2ndcorrectionslip.pdf	2nd correction slip
16	GCC-2022-ACS7.pdf	7th correction slip
17	ACS11GCCWorks2026_compressed.pdf	11th correction slip
18	specialconditon27.pdf	special conditon

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:** RAJESH KUMAR BARNWAL

**Designation :** Sr.DEN/2/HWH