

**TRICHCHIRAPPALLI DIVISION-ENGG/SOUTHERN RLY  
TENDER DOCUMENT**

**Tender No:** TPJ-10-2026-09

**Closing Date/Time:** 06/07/2026 15:00

**Sr.Divisional Engineer/Co-ordination** acting for and on behalf of The President of India invites E-Tenders against Tender No **TPJ-10-2026-09** Closing Date/Time 06/07/2026 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.

**1. NIT HEADER**

<b>Name of Work</b>	Construction of Running room of 12 bed capacity at Tiruvannamalai station yard.		
<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 15:00	<b>Date Time Of Uploading Tender</b>	11/06/2026 19:47
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	18022256.66	<b>Tendering Section</b>	TENDER/NOR
<b>Bidding Style</b>	Single Rate for Each Schedule Item	<b>Bidding Unit</b>	
<b>Earnest Money (Rs.)</b>	360500.00	<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</b> () A1-All items which are covered by CPWD-DSR 2023 for Tiruchchirappalli Division - Except supply of reinforcement steel.(The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A1'(The advertised value is inclusive of Railways escalation over CPWD-DSR 2023 basic value)							14371220.98	
1	Please see Item Breakup for details.				3617712.56	AT Par	3617712.56	Above/ Below/P ar
	<b>Description:-</b> Construction of Building Proper as per Railway's approved plan -Below plinth							
2	Please see Item Breakup for details.				7297478.60	AT Par	7297478.60	Above/ Below/P ar
	<b>Description:-</b> Construction of Building Proper as per Railway's approved plan -Above plinth							
3	Please see Item Breakup for details.				642558.50	AT Par	642558.50	Above/ Below/P ar
	<b>Description:-</b> Water Supply and Sanitary arrangements							
4	Please see Item Breakup for details.				527472.29	AT Par	527472.29	Above/ Below/P ar
	<b>Description:-</b> Provision of GLR of 10,000 litres capacity with borewell							
5	Please see Item Breakup for details.				1009037.13	AT Par	1009037.13	Above/ Below/P ar
	<b>Description:-</b> Approach road							
6	Please see Item Breakup for details.				1227775.40	AT Par	1227775.40	Above/ Below/P ar
	<b>Description:-</b> construction of compound wall							

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7	Please see Item Breakup for details.				49186.50	AT Par	49186.50	Above/ Below/P ar
	Description:- Garden pipe line works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A2-All items which are covered by CPWD-DSR 2020 -Horticulture for Tiruchchirappalli Division - Except supply of reinforcement steel.(The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A2'(The advertised value is inclusive of Railways escalation over CPWD-DSR 2020 basic value)							110705.25	
1	Please see Item Breakup for details.				110705.25	AT Par	110705.25	Above/ Below/P ar
	Description:- Landscaping and Horticulture works							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A3-All items which are covered by Unified Standard Schedule of rates 2021 for Tiruchchirappalli Division - Except supply of cement and reinforcement steel. (The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A3' (The advertised value is inclusive of Railways escalation over USSOR 2021 basic value)							91398.75	
1	211201	100.00	Hour	867.49	86749.00	5.36	91398.75	Above/ Below/P ar
	Description:- Hiring of machinery for minor miscellaneous works for short duration including operator/driver, fuel, lubricants and consumable. The contractor shall arrange all statutory permits as required by rules and regulations prevailing in the area of work. Payment shall be made for actual working hours at site. JCB Backhoe Loaders 3DX Plus or similar with minimum 1.10 cum bucket capacity							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A4-Supply of reinforcement steel only - Item/All Items which is/are covered by CPWD-DSR 2023 for Tiruchchirappalli Division and CPWD Specifications-2019. (The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A4' (The advertised value is inclusive of Railways escalation over CPWD-DSR 2023 basic value)							3061445.20	
1	Please see Item Breakup for details.				3061445.20	AT Par	3061445.20	Above/ Below/P ar
	Description:- Supply of steel reinforcement including straightening, cutting, bending, placing in position and binding all complete.							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B1-Items which are not covered by Unified Standard Schedule of rates 2021 and CPWD-DSR-2023 for Tiruchchirappalli Division. (The tenderer/contractor shall quote unit rate).							181626.48	
1	00	1.00	Each	25000.00	25000.00	AT Par	25000.00	Rs.
	Description:- Excavation of mud holes, supply of mud and water required for flushing the borewell etc., complete and as directed by the Engineer's representative.							
2	00	1.00	Each	5238.00	5238.00	AT Par	5238.00	Rs.
	Description:- Supplying and fixing on water tanks etc. slotted Water Indicator Board with M.S Pulley ball bearing type phosphorus. bronze twisted wire, wood float etc. complete in all respect and in metric units. The rate includes fixing at all heights: More than 1.25m long as per IS specification and approved by the Engineer at site with all labour, materials, lead, lift, tools and plant, fixing etc., complete by the contractor and as directed by the Engineer's representative.							
3	00	1.00	Each	3460.00	3460.00	AT Par	3460.00	Rs.
	Description:- Providing and fixing C.I. double acting air valve of 100mm dia approved quality with bolts, nuts, rubber insertions etc. complete (tail pieces, tapers etc., if required will be paid separately) with all lead and lifts etc., complete and as directed by the Engineer-in-charge.							
	00	1.00	Each	1283.00	1283.00	AT Par	1283.00	Rs.

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4	<b>Description:-</b> Selection of suitable site for drilling bore well/tube well by electrical resistivity method for all diameters with contractor's labour, tools& plants, equipments with all lead & lifts etc., complete and as directed by the Engineer-in-charge. (All labour and materials by the contractor)							
5	00	8.70	cum	4217.90	36695.73	AT Par	36695.73	Rs.
	<b>Description:-</b> Supply delivery of natural Pebbles filter media for Filter bed operation & sedimentary bore well of spherical in shape and allow even distribution in support bed with good flow. The media should be double washed, screened, kiln dried and classified into various sizes to meet specification including all incidental charges conveyance, loading & unloading etc., as directed by the Engineer incharge Size : 5 mm to 20mm							
6	00	15.00	Each	87.15	1307.25	AT Par	1307.25	Rs.
	<b>Description:-</b> Planting of Song of India Plant ornamental foliage shrub variety of height 30-45 cm in polythene bag of dia 20 cm including loading and unloading charges, transportation, stacking of saplings at site, earth work excavation of required size, planting of sapling, refilling of excavated earth etc as directed by the site in-charge.							
7	00	10.00	Each	2703.00	27030.00	AT Par	27030.00	Rs.
	<b>Description:-</b> Supply, Fixing & commissioning of 5004 PLUS SAM PRS Series Rotor pop up sprinkler full/part circle having radius of 6.7m - 12m @ 2.5 - 4.5 bar with discharge of 0.09 - 0.61 ltr./sec. the sprinklers having Arc Adjust thru Top Cover w/ Std. Screwdriver The sprinkler is gear driven rotary type with having 3/4" bottom inlet. Oversized wiper seal, Rain Curtain technology, gentle closein watering and Self-flushing arc adjustment port and also having tapered riser stem with Wiper Seal The sprinkler shall have Plus (Pressure Loss) Flow shut off, 45 psi pressure regulator with flow optimizer technology, internal Seal - A - Matic 247 PD-946 device which prevents low head drainage (upto 3.1m) & hence puddling & erosion. The body of sprinkler is of non - corrodible, heavy duty, Anti Breaking System plastic. O-ring Slip Clutch, Racheting Slip Clutch, Side Inlet Available 6" and 12",Turret-mounted Internal Dia Plugs, Flow Stop Available, Non-potable water indication available etc., complete including installation charges. (Rain Bird, Toro, K-rain or equivalent brand)							
8	00	20.00	Each	250.00	5000.00	AT Par	5000.00	Rs.
	<b>Description:-</b> Providing, fixing, Testing & Commissioning of PVC Ball valve 16 mm ( 1/2 " ) with quarter turn including all necessary fittings & accessories complete. PIMTAS / Aqvastar or equivalent brand make							
9	00	100.00	Kg	25.00	2500.00	AT Par	2500.00	Rs.
	<b>Description:-</b> Supply of Bio - fertilizer @ Vermi Compost Manure in a powdery form, devoid of soil sand, stones, plastics and other materials, highly nutrient and which supports plant growth. Including cost of transportation, loading, unloading stacking etc., complete.							
10	00	150.00	Metre	23.00	3450.00	AT Par	3450.00	Rs.
	<b>Description:-</b> Flexible polyethelene irrigation pipe 16 mm dia / 2.5 / 1.1 - 1.4 mm CL - II. including installation charges. " Netafim " or equivalent brands.							
11	00	50.00	Each	63.25	3162.50	AT Par	3162.50	Rs.
	<b>Description:-</b> Supply of Micro sprinkler of half & full circle with 55 LPH output flow with necessary micro tube & stake including installation charges. Rain Bird / JISL or equivalent make							
12	00	90.00	Metre	750.00	67500.00	AT Par	67500.00	Rs.
	<b>Description:-</b> Boring/ drilling bore well for required dia for casing/ strain pipe by suitable method prescribed in IS 2800 part I including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire and running charges of all equipments tools plants and machineries required for the job all 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</b> ( ) C1-Electrical Engineering portion work - Items which are not covered by Unified Standard Schedule of rates 2021 and CPWD-DSR-2023 for Tiruchchirappalli Division. (The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'C1'.							205860.00	
1	Please see Item Breakup for details.				205860.00	AT Par	205860.00	Above/ Below/P ar
	<b>Description:-</b> Electrical concealing works							

**3. ITEM BREAKUP**

<b>Schedule</b>	Schedule A1-All items which are covered by CPWD-DSR 2023 for Tiruchchirappalli Division - Except supply of reinforcement steel.(The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A1'(The advertised value is inclusive of Railways escalation over CPWD-DSR 2023 basic value)
<b>Item- 1</b>	Construction of Building Proper as per Railway's approved plan -Below plinth

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	2.0	<b>EARTH WORK</b>				
	2.15	<b>General</b>				
	2.8	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.				
1	2.8.1	All kinds of soil.	cum	244.75	260.3	63708.43
2	2.25	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.	cum	306.08	196	59991.68
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	383.72	2123.75	814925.35
	2.28	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.				
4	2.28.1	All kinds of soil	Sqm	547.18	34.15	18686.2
	4.0	<b>CONCRETE WORK</b>				
	4.15	<b>CEMENT CONCRETE (CAST IN SITU)</b>				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
5	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	18.56	7294.7	135389.63
	4.10S	<b>DAMP-PROOF COURSE</b>				
6	4.10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	Sqm	16.45	410.85	6758.48
	5.0	<b>REINFORCEMENT CEMENT CONCRETE</b>				
	5.9S	<b>FORM WORK</b>				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
7	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	148.5	392.15	58234.28
8	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	618.68	736.4	455595.95
9	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	187	961.3	179763.1
	5.33S	<b>DESIGN MIX CONCRETE</b>				

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	5.33	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.:				
	5.33.1	All works upto plinth level				
10	5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	100.38	9504.75	954086.81
11	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	34.12	733.5	25027.02
	6.0	MASONRY WORK				
	6.1S	General				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
12	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	93.87	7132.25	669504.31
	6.12S	HALF BRICK MASONRY				
	6.12	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in :				
13	6.12.1	Cement mortar 1:3 (1 cement : 3 coarse sand)	Sqm	14	931.75	13044.5
	11.0	FLOORING				
	11.1S	General				
14	11.7	Cement concrete pavement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete.	cum	12.88	8595.15	110705.53
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
15	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	103.66	333.35	34555.06
	13.44S	EXTERIOR FINISHING				
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
16	13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	103.66	171.1	17736.23
					<b>Total</b>	<b>3617712.56</b>
<b>Item- 2</b>	Construction of Building Proper as per Railway's approved plan -Above plinth					
<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>
	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
1	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	545.69	927.25	505991.05
2	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	239.63	736.4	176463.53

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3	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	183.65	961.3	176542.75
	5.33S	DESIGN MIX CONCRETE				
	5.33	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.:				
	5.33.2	All works above plinth level upto floor V level				
4	5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	93.32	9860.4	920172.53
	6.0	MASONRY WORK				
	6.1S	General				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
5	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	141	9105.95	1283938.95
	6.12S	HALF BRICK MASONRY				
	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
6	6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	92.17	1123.8	103580.65
7	6.15	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	9.22	104.8	966.26
	8.0	CLADDING WORK				
	8.20S	STONE WORK DRY CLADDING				
8	8.31	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	155.75	1267.95	197483.21
	9.0	WOOD AND P.V.C. WORK				
	9.1S	FRAMES AND TRUSSES				
	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
9	9.1.1	Second class teak wood	cum	.43	142949.7	61468.37



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	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.				
	9.5.1	Second class teak wood				
10	9.5.1.1	35 mm thick shutters	Sqm	21	4111.95	86350.95
	9.40S	MISCELLANEOUS-WOOD WORK				
	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
11	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	450	238.35	107257.5
12	9.53	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150 mm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	Each	66	228.85	15104.1
	9.72S	BRASS FITTINGS				
	9.81	Providing and fixing bright finished brass handles with screws etc. complete:				
13	9.81.1	125 mm	Each	11	256.65	2823.15
	9.88S	CHROMIUM PLATED BRASS FITTINGS				
14	9.88	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	11	998.35	10981.85
	9.95S	ANODISED ALUMINIUM FITTINGS (ALL FITTINGS SHALL BE ISI MARKED)				
	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
15	9.96.1	300x16 mm	Each	11	303.25	3335.75
	9.97	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
16	9.97.2	250x10 mm	Each	22	115.15	2533.3
	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
17	9.100.1	125 mm	Each	11	66.25	728.75
	9.105S	GYPSUM BOARD PARTITIONS				
18	9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant 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 fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	Metre	51	570.95	29118.45

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	9.122	Providing and fixing to existing door frames.				
19	9.122.2	30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	Sqm	16.8	4488.95	75414.36
	9.147	Providing and fixing factory made uPVC glazed/wire mesh windows/ doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately.				
	9.147.A1	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
20	9.147.A1.1	Using R2 series with frame (40 mm & above) x (40 mm & above) & sash (25 mm & above) x (50 mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 metre).	Sqm	55.44	8298.85	460088.24
	9.147.C2	Fixed window / ventilator with mullion / transom				
21	9.147.C2.1	Using R1 series with frame (33mm & above ) x (35mm & above) & mullion (33mm & above) x (50mm & above). (Height upto 0.90 meter)	Sqm	2.97	9155.2	27190.94
	10.0	STEEL WORK				



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	10.1S	General				
22	10.28	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, including fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	30	772.4	23172
	11.0	FLOORING				
	11.26S	KOTA STONE FLOORING				
	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
23	11.26.1	25 mm thick	Sqm	21.96	1948.25	42783.57
	11.37S	CERAMIC GLAZED TILES				
24	11.38	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete.	Sqm	50.12	1315.3	65922.84
	11.41S	VITRIFIED FLOOR TILES				
	11.41A	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	11.41A.2	Glazed vitrified floor tiles polished finish of size				
25	11.41A.2.1	Size of Tile 600 x 600 mm	Sqm	411.99	1502.75	619117.97
	12.0	ROOFING				
	12.1S	SHEET ROOFING				

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26	12.20	Providing and laying pressed clay tiles (as per approved pattern 20 mm nominal thickness of approved size) on roofs jointed with cement mortar 1:4 (1 cement : 4 coarse sand) mixed with 2% integral water proofing compound, laid over a bed of 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.	Sqm	507.92	709.75	360496.22
	12.37S	RAIN WATER SPOUT AND PIPE				
27	12.55	Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.	Sqm	507.92	1703.95	865470.28
	13.0	FINISHING				
	13.1S	CEMENT PLASTER (IN FINE SAND)				
	13.1	12 mm cement plaster of mix :				
28	13.1.2	1:6 (1 cement: 6 fine sand)	Sqm	256.69	333.35	85567.61
	13.7S	CEMENT PLASTER WITH A FLOATING COAT OF NEAT CEMENT				
	13.7	12 mm cement plaster finished with a floating coat of neat cement of mix :				
29	13.7.2	1:4 (1 cement: 4 fine sand)	Sqm	1056.32	425.55	449516.98
	13.44S	EXTERIOR FINISHING				
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				
30	13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	Sqm	256.69	171.1	43919.66
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
31	13.61.1	Two or more coats on new work	Sqm	3.87	155.9	603.33
	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
32	13.83.2	Two coats	Sqm	1056.32	142.8	150842.5
	21.0	ALUMINIUM WORK				
	21.1S	General				

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	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred 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, panelling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion				
33	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	30	530.9	15927
	21.2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.				
34	21.2.2	Pre-laminated particle board with decorative lamination on both sides	Sqm	70	1115.4	78078
	21.8	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.				
35	21.8.1	Upto 5mm depth and 5 mm width	Metre	50	96.75	4837.5
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.28S	REPAIR AND REHABILITATION ITEMS				
36	26.40	Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge.	Sqm	270	902.55	243688.5
					<b>Total</b>	<b>7297478.60</b>
<b>Item- 3</b>	Water Supply and Sanitary arrangements					
<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>
	10.0	STEEL WORK				
	10.1S	General				
	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.				
1	10.26.1	M.S. tube	Kg	150	196.8	29520
	12.0	ROOFING				
	12.37S	RAIN WATER SPOUT AND PIPE				

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	12.41	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.				
2	12.41.2	110 mm diameter	Metre	50	377.4	18870
	12.42	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.				
	12.42.3	Single tee with door				
3	12.42.3.2	110x110x110 mm	Each	10	234.15	2341.5
	12.42.5	Bend 87.5 degree				
4	12.42.5.2	110 mm bend	Each	10	150.35	1503.5
	12.42.6	Shoe (Plain)				
5	12.42.6.2	110 mm Shoe	Each	10	131.85	1318.5
	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
6	12.43.2	110 mm	Each	15	371.3	5569.5
	17.0	SANITARY INSTALLATIONS				
	17.1S	General				
	17.1	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:				
7	17.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	4	6767.4	27069.6
	17.2	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 :				
8	17.2.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	5	6515.55	32577.75
	17.7	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:				
9	17.7.4	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	Each	12	1879.2	22550.4

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	17.32	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 :				
10	17.32.1	Circular shape 450 mm dia	Each	12	1479.05	17748.6
11	17.32.4	Rectangular shape 1500x450 mm	Each	2	2093	4186
	17.36	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 ( 1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :				
12	17.36.2	100 mm dia pipe	Each	5	198.15	990.75
	17.60	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :				
	17.60.2	100 mm inlet and 75 mm outlet				
13	17.60.2.2	Sand Cast Iron S&S as per IS- 1729	Each	8	1558.35	12466.8
	17.73	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.				
14	17.73.2	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Each	11	708.95	7798.45
	18.0	WATER SUPPLY				
	18.7S	C.P.V.C. PIPES				
	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
15	18.8.1	15 mm nominal dia Pipes	Metre	60	497.8	29868
	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
16	18.9.1	15 mm nominal dia Pipes	Metre	60	244.7	14682
17	18.9.3	25 mm nominal dia Pipes	Metre	60	355.4	21324
18	18.9.6	50 mm nominal dia Pipes	Metre	80	794.25	63540
	18.15S	BRASS FITTINGS				
	18.15	Providing and fixing brass bib cock of approved quality :				
19	18.15.1	15 mm nominal bore	Each	30	353.25	10597.5
	18.16	Providing and fixing brass stop cock of approved quality :				
20	18.16.1	15 mm nominal bore	Each	10	353.25	3532.5
	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
21	18.17.1	25 mm nominal bore	Each	10	622.4	6224

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	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
22	18.18.1	15 mm nominal bore	Each	10	406.85	4068.5
	18.22	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet				
23	18.22.1	100 mm diameter	Each	6	193.95	1163.7
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				
	18.37	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for water meter complete with C.I.double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) , including necessary excavation, foundation concrete 1:5:10 ( 1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :				
24	18.37.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each	10	9698.55	96985.5
25	18.48	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.	Per Litre	5000	11	55000
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
26	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	11	111.45	1225.95
	19.0	DRAINAGE				
	19.1S	STONE WARE PIPES AND FITTINGS				
	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
27	19.1.1	100 mm diameter	Metre	35	443.6	15526
	19.32	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.				
28	19.32.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	5	26861.9	134309.5
					<b>Total</b>	<b>642558.50</b>
<b>Item- 4</b>	Provision of GLR of 10,000 litres capacity with borewell					
<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>
	2.0	EARTH WORK				
	2.1S	General				



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	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.				
1	2.6.1	All kinds of soil	cum	24	177.5	4260
2	2.25	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.	cum	1.2	196	235.2
3	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	1.2	2123.75	2548.5
	4.0	CONCRETE WORK				
	4.1S	CEMENT CONCRETE (CAST IN SITU)				
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
4	4.1.6	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)	cum	1.8	7178.75	12921.75
	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
5	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	3	392.15	1176.45
6	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	20	842.5	16850
7	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	8	927.25	7418
	5.33S	DESIGN MIX CONCRETE				
	5.33	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.:				
	5.33.1	All works upto plinth level				
8	5.33.1.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	6.7	9655.7	64693.19
	18.0	WATER SUPPLY				
	18.7S	C.P.V.C. PIPES				

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	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work				
9	18.9.3	25 mm nominal dia Pipes	Metre	100	355.4	35540
10	18.9.6	50 mm nominal dia Pipes	Metre	100	794.25	79425
11	18.9.9	100 mm nominal dia Pipes	Metre	50	3271.7	163585
	18.15S	BRASS FITTINGS				
	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
12	18.17.1	25 mm nominal bore	Each	5	622.4	3112
13	18.17.4	50 mm nominal bore	Each	5	1026.65	5133.25
	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				
14	18.18.3	25 mm nominal bore	Each	5	464.05	2320.25
	18.19	Providing and fixing gun metal non- return valve of approved quality (screwed end) :				
	18.19.1	25 mm nominal bore				
15	18.19.1.2	Vertical	Each	5	624.1	3120.5
	18.19.4	50 mm nominal bore				
16	18.19.4.2	Vertical	Each	5	1445.15	7225.75
	22.0	WATER PROOFING				
	22.1S	General				
	22.23	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e. by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50 mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.				
17	22.23.1	For vertical surface two coats @ 0.70 kg per sqm per coat	Sqm	28	472.9	13241.2
18	22.23.2	For horizontal surface one coat @1.10 kg per sqm.	Sqm	12	362.8	4353.6
	23.0	RAIN WATER HARVESTING & TUBEWELLS				
	23.1S	General				

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	23.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.				
19	23.3.3	200 mm nominal size dia	Metre	60	1113.35	66801
	23.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				
20	23.4.3	200 mm nominal size dia	Metre	20	1255.7	25114
21	23.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by V notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, including disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hour	5	1085.05	5425.25
	23.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				
22	23.13.3	200 mm dia	Each	1	321.15	321.15
	23.14	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.				
23	23.14.3	200 mm clamp	Each	1	2293.65	2293.65
	23.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).				
24	23.15.3	200 mm dia	Each	1	357.6	357.6
					<b>Total</b>	<b>527472.29</b>
<b>Item- 5</b> Approach road						
<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>
	16.0	ROAD WORK				
	16.1S	ROADS				
1	16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	Sqm	525	218.9	114922.5
	16.30S	PREMIX CARPET				

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	16.31	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom.				
	16.31.1	With rapid setting bitumen emulsion				
2	16.31.1.1	On W.B.M / W.M.M. @ 0.4kg/sqm	Sqm	525	13.45	7061.25
3	16.31.1.2	On bituminous surface @ 0.25kg/sqm	Sqm	525	9.2	4830
	16.33	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).				
4	16.33.2	With paving Asphalt grade VG - 30 with no solvent	Sqm	525	294.95	154848.75
	16.49S	MISCELLANEOUS				
5	16.50	Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylonitrile ) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.	Each	20	206.3	4126
	16.57	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.				
6	16.57.1	40/50 mm compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity.	cum	26.25	12126.2	318312.75

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7	16.62	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.	Sqm	30	747.8	22434
8	16.79	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm ) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub- base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	cum	131.25	2914.3	382501.88
					<b>Total</b>	<b>1009037.13</b>
<b>Item- 6</b> construction of compound wall						
<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>
	2.0	<b>EARTH WORK</b>				
	2.1S	<b>General</b>				
	2.8	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.				
1	2.8.1	All kinds of soil.	cum	18.9	260.3	4919.67
	5.0	<b>REINFORCEMENT CEMENT CONCRETE</b>				
	5.9S	<b>FORM WORK</b>				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
2	5.9.5	Lintels, beams, plinth beams, girders, bressummers and cantilevers	Sqm	112	736.4	82476.8
	5.33S	<b>DESIGN MIX CONCRETE</b>				
	5.33	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.:				
	5.33.1	All works upto plinth level				
3	5.33.1.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	12.6	9655.7	121661.82

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	6.0	MASONRY WORK				
	6.1S	General				
	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
4	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	64.96	9105.95	591522.51
	13.0	FINISHING				
	13.4S	CEMENT PLASTER (IN COARSE SAND)				
	13.6	20 mm cement plaster of mix :				
5	13.6.1	1:4 (1 cement: 4 coarse sand)	Sqm	518	487.4	252473.2
	13.44S	EXTERIOR FINISHING				
	13.48A	Finishing walls with 100% Premium acrylic emulsion paint (Company Depot Tinted) having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade with silicon additives.				
6	13.48A.1	New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	Sqm	518	181.25	93887.5
7	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	518	156.05	80833.9
					<b>Total</b>	<b>1227775.40</b>
<b>Item- 7</b>	Garden pipe line works					
<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>
	18.0	WATER SUPPLY				
	18.7S	C.P.V.C. PIPES				
	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work				
1	18.12.1	15 mm dia nominal bore	Metre	50	322.15	16107.5
2	18.12.2	20 mm dia nominal bore	Metre	50	368.6	18430
	18.15S	BRASS FITTINGS				
	18.16	Providing and fixing brass stop cock of approved quality :				
3	18.16.1	15 mm nominal bore	Each	20	353.25	7065
4	18.16.2	20 mm nominal bore	Each	20	379.2	7584
					<b>Total</b>	<b>49186.50</b>
<b>Schedule</b>	Schedule A2-All items which are covered by CPWD-DSR 2020 -Horticulture for Tiruchchirappalli Division - Except supply of reinforcement steel.(The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A2'(The advertised value is inclusive of Railways escalation over CPWD-DSR 2020 basic value)					
<b>Item- 1</b>	Landscaping and Horticulture works					
<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>
	2.0	HORTICUTURE AND LANDSCAPING				
1	2.1	Trenching in ordinary soil up to a depth of 60 cm including removal and stacking of serviceable materials and then disposing of surplus soil, by spreading and neatly levelling within a lead of 50 m and making up the trenched area to proper levels by filling with earth or earth mixed with sludge or / and manure before and after flooding trench with water (excluding cost of imported earth, sludge or manure).	cum	20	78.1	1562



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	2.4	Supplying and stacking at site dump manure from approved source, including carriage upto 5 km lead complete (manure measured in stacks will be reduced by 8% for payment) :				
2	2.4.1	Screened through sieve of I.S. designation 20 mm	cum	20	254.15	5083
3	2.9	Mixing earth and sludge or manure in the required proportion specified or directed by the Officer-in-charge	cum	25	36.55	913.75
	2.29	Providing Circular Cement Concrete pots of specified size, cast with cement concrete of nominal mix 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 6 mm nominal size), reinforced with 7 Nos ( 3 nos horizontal & 4 nos vertical " U " shape) M.S. wires of 3.5 mm dia as per design, including required form work, finishing with cement punning on exposed surface, curing for specified period and stacking in required rows & height, all complete as per direction of Officer-in-charge.				
4	2.29.2	Top inside dia 30 cm, outer bottom dia 20 cm, total height 30 cm with wall thickness of 25.4 mm	Each	30	184.1	5523
	2.31	Filling of the following size empty pots with mixture of good earth & manure in the ratio of 2:1 (Two part of Good earth & one port of manure) and placing them on appropriate place i/c carriage of earth, manure and pots up to 50 mtr, as per direction of officer incharge. (The cost of good earth, earthen pots & manure will be paid seperately.)				
5	2.31.6	Size of Empty Pots 25cm Top dia, 15cm Bottom Dia & 25cm Perpendicular height.	Each	20	22.25	445
6	2.31.7	Size of Empty Pots 35cm Top dia, 25cm Bottom Dia & 35cm Perpendicular height.	Each	20	45.75	915
7	2.33	Providing and laying Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with tools wooden (Dhurmos) and then rolling the surface with light roller make the surface smoothen and light watering with sprinkler and maintenance for 30 days or more till the grass establish properly, as per direction of officer-in-charge	Sqm	150	214.4	32160
8	2.34	Providing & laying Selection no. 1 doob grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden and then rolling the surface with light roller make the surface smoothen and light watering the same maintenance for 30 days or more till the grass establish properly,as per direction of officer in charge	Sqm	150	87.5	13125
9	2.56	Anti termite treatment of lawn area through premise 30.50% I P. one liter premise diluted in 499 liters water and applying solution @ 1.00 litre solution per sqm lawn or bed area. (two application) i/c cost of chemical)and as per direction of officer-in-charge.	Sqm	300	7.55	2265
	2.57	Plantation of Trees, Shrubs, and Hedge at site i/c watering and removal of unserveiceable material's as per direction of officer in charge (excluding cost of plant & water)				
10	2.57.1	Trees Plant	Each	10	7.3	73
11	2.57.2	Shrubs Plant	Each	20	3.65	73

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12	2.57.3	Hedge Plant /Ground cover	Each	20	2.45	49
	3.0	<b>FOLIAGE AND SHADE LOVING PLANTS</b>				
13	3.18	Providing and displaying of Areca Palm having ht. 90 cm to 1.20 m with 4 to 5 suckers, well developed, fresh and healthy with lush green foliage in 2 5 c m size of Earthen pot/Plastic pot & as per direction of the officer-in-charge.	Each	10	157.85	1578.5
14	3.35	Providing and displaying of Croton Duck Foot (Elite) having ht. 60 cm to 75 cm with 4 to 5 branches, well developed, fresh and healthy colorful leaves in 2 5 c m size o f Earthen pot/Plastic pot & a s p e r direction o f the officer-in-charge.	Each	10	322.9	3229
	5.0	<b>ORNAMENTAL PLANTS</b>				
15	5.12	Providing and Displaying Bougainvillea named variety, Sobhra, Thima, Marry palmar, Cherry Blossom etc. well developed with fresh & healthy bushy in full bloom 75 to 90 cm ht. in 40 cm Cement Pot as per direction of the officer-in-charge.	Each	20	322.9	6458
16	5.14	Providing and Displaying Cycus revoluta in 35 cm challi, specimen, having 30 to 40 with fresh and healthy, leaves having 25cm to 30cm Circumference of base stem well developed as per direction of the officer-in-charge.	Each	10	1183.9	11839
17	5.30	Providing and Displaying Foxtail palm well developed with fresh & healthy foliage of ht. 210 to 240 cm in big 40 cm Cement Pot as per direction of the officer-in-charge.	Each	10	1183.9	11839
18	5.40	Providing and Displaying Topiary of Ficus Panda well developed with fresh & healthy foliage with 3 to 4 Ball and 60 to 75 cm spread each Ball, 135 to 150 cm ht., in 35 cm Cement Tray /Cement Pot as per direction of the officer-in-charge.	Each	10	1127.5	11275
	8.0	<b>SHRUBS</b>				
19	8.49	Providing and stacking of Nerium oleander (kaner) of height 45-60 cm. with 3-4 branches in poly bags of size 20 cm as per direction of the officer-in-charge.	Each	10	30	300
20	8.68	Providing and stacking of Tecoma gaudichaudi of height 60-75 cm. with 5- 6 branches in p.bag of size 25 cm as per direction of the officer-in-charge.	Each	10	50	500
	9.0	<b>CREEPER PLANTS</b>				
21	9.1	Providing and stacking of Allamanda cathartica of height 30 cm to 45 cm. in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	Each	20	45	900
22	9.4	Providing and stacking of Bougainvillea (Variety Butiana, Lady Mary Baring, Mahara,Mohan,Scarlet Queen, Variegated, Glabra Formosa, Peruviana Odissi, Paratha, Subhra,Thimma, Spectabilis L.N Birla, Refulgens) of height 30 cm. to 45 cm. with 2-3 branches in 20 cm size of Earthen pots / Plastic pots & as per direction of the officer-in-charge.	Each	10	40	400
	11.0	<b>MEDICINAL PLANTS</b>				
23	11.7	Providing and Stacking of Tulsi of ht. 30cm with multi branches in Poly bag of size 20 cm. as per direction of the officer-in-charge.	Each	10	20	200
					<b>Total</b>	<b>110705.25</b>

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<b>Schedule</b>	Schedule A4-Supply of reinforcement steel only - Item/All Items which is/are covered by CPWD-DSR 2023 for Tiruchchirappalli Division and CPWD Specifications-2019. (The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'A4' (The advertised value is inclusive of Railways escalation over CPWD-DSR 2023 basic value)					
<b>Item- 1</b>	Supply of steel reinforcement including straightening, cutting, bending, placing in position and binding all complete.					
<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>
	5.0	REINFORCEMENT CEMENT CONCRETE				
	5.22S	STEEL REINFORCEMENT				
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	16253.95	107.85	1752988.51
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
2	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	12132.19	107.85	1308456.69
					<b>Total</b>	<b>3061445.20</b>
<b>Schedule</b>	Schedule C1-Electrical Engineering portion work - Items which are not covered by Unified Standard Schedule of rates 2021 and CPWD-DSR-2023 for Tiruchchirappalli Division. (The tenderer/contractor shall quote a rate 'at par' or a collective percentage above or below the advertised value of schedule 'C1'.					
<b>Item- 1</b>	Electrical concealing works					
<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>
1	1	Chipping and opening of brick wall and closing of opened wall after provision of one metre PVC pipe and covered with plastering in Cement Mortar 1:6 mix, 12 mm thick.	Metre	385.00	34.00	13090.00
2	2	Supply and provision of 25 mm OD, rigid, heavy duty, PVC wiring conduit with ISI mark, 2 mm thick, conforming to IS.9537 part 1 and 3, suitable for electric wiring by surface with necessary accessories such as PVC junction boxes of required ways, bends, coupling, elbows, Tees, couplings etc ceiling / beam and wall opened for PVC pipes, as per specification.	Metre	1915.00	81.00	155115.00
3	3	Supply and fixing of modular type sub control board, 12 module, two row type, in a concealed manner including chipping and plastering etc. This shall be similar to cat. Ref. No: 689011 for metal flush box, 675572 for white plate with frame, all of Mylinc model of M/s. Legrand make or equivalent including internal wiring.	Each	4.00	1030.00	4120.00
4	4	Supply and fixing of modular type sub control board, 9 module one row type, in a concealed manner including chipping and plastering etc. This shall be similar to cat. Ref. No: 689029 for metal flush box, 675569 for white plate with frame, all of Mylinc model of M/s. Legrand make or equivalent including internal wiring.	Each	20.00	836.00	16720.00
5	5	Supply and fixing of modular type sub control board, 6 module one row type, in a concealed manner including chipping and plastering etc. This shall be similar to cat. Ref. No: 689010 for metal flush box, 675566 for white plate with frame, all of Mylinc model of M/s. Legrand make or equivalent including internal wiring.	Each	25.00	562.00	14050.00

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6	6	Supply and fixing of modular type sub control board, 3 module one row type, in a concealed manner including chipping and plastering etc. This shall be similar to cat. Ref. No: (689008) for metal flush box,(6755 63) for white plate with frame, all of Mylinc model of M/s. Legrand make or equivalent including internal wiring.	Each	7.00	395.00	2765.00
					<b>Total</b>	<b>205860.00</b>

**4. ELIGIBILITY CONDITIONS**

**Standard Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	10.2. Financial Eligibility Criteria: 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. The tenderers shall submit requisite information as per Annexure-VIB, 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)

**Standard Technical Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria: As per Clause 10.1 of Part-I of IRSGCC-2022 with advance correction slip and up to date (a) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)

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1.1	<p>(b) (1) 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 one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of each component of tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of each component of tender, or (iii) One similar work each costing not less than the amount equal to 60% of advertised value of each component of tender. Note for b(1): Separate completed works of minimum required values shall also be considered for fulfillment of technical eligibility criteria for different components. (b)(2) 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) (3) 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 of the Standard General Conditions of Contractor 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 fulfilment 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. 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 requirements as per clause 7 of the Standard General Conditions of Contract, with prior approval of Chief Engineer in writing.</p>	No	No	Not Allowed
1.2	<p>Note for Item 10.1 of IRSGCC-2022 with advance correction slip and up to date: 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	Not Allowed
1.3	<p>Defination of Similar Work :- Experience in any Civil Engineering work except track works/transportation.</p>	No	No	Not Allowed

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

S.No.	Description
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.

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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
1	Whether required test certificates/samples, if any have been uploaded?	No	No	Not Allowed

**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)
2	The tenderer shall clearly specify whether the tender is submitted on his Own (Proprietary Firm) or on behalf of a Partnership Firm / Company / Joint Venture (JV) / Registered Society/ Registered Trust / Hindu Undivided Family( HUF) / Limited Liability Partnership (LLP) etc. , The tenderer(s) shall enclose the attested copies of the requisite documents (including Power of Attorney, if opted) for constitution of their concern as per Cl.14 of GCC-Part-I and as per a)Clause 17 of GCC - Part-1, for JV b)Clause 18 of GCC - Part-I, for Partnership Firm.	Yes	Yes	Allowed (Mandatory)



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3	Copies of the following documents are to be uploaded: (i) Details such as Name of the tenderer/ Contractor, Validity of DSC, Complete address with pin code, contact number (ii) Copy of PAN card (iii) Copy of GSTIN card.	Yes	Yes	Allowed (Mandatory)
4	A copy of NEFT form duly filled in the details as necessary to be uploaded. (The Tenderer/Contractor not having NEFT form may down load the empty NEFT form available in Document site)	Yes	Yes	Allowed (Mandatory)
5	Submission of Annexure-V under document verification certificate- As per Advance Correction Slip No.2 dt.13/12/2022 to GCC - 2022, the tenderers shall submit copy of certificate stating that they are not liable to be disqualified and all their statements/documents submitted along with bid are true and factual. Standard format of the certificate to be submitted by the bidder in form Annexure-V Non-submission of the above Certificate(s) by the bidder shall result in summarily rejection of his/their bid.	Yes	No	Allowed (Optional)
6	Submission of Annexure-V(A) under Document Verification Certificate. In case of other than company/Proprietary firm, Annexure-V(A) shall also be submitted by the each member of a Partnership Firm/ Joint Venture (JV) /Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc., as the case may be. Non-submission of the above Certificate(s) by the bidder shall result in summarily rejection of his/their bid.	Yes	No	Allowed (Mandatory)

**General Instructions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	All the Instructions furnished in the technical compliance/ Commercial Compliance/ Check-list/ Undertakings are only indicative and not exhaustive; The Tenderer shall read the GCC/Tender documents for complete details.	No	No	Not Allowed
2	The tenderer shall thoroughly go through the entire tender documents and strictly adhere to the instructions and directions given therein.	No	No	Not Allowed
3	If the Tenderer(s) deliberately give(s) wrong information/ incorrect documents in his/their offer or create circumstances for the acceptance of his/their offer, the Railway reserves the right to reject such offer at any stage.	No	No	Not Allowed
4	All terms and conditions in the tender documents are binding on the Tenderers	No	No	Not Allowed
5	Railway reserves the right to accept or reject any or all the tenders and to award the work in whole or in part without assigning any reason.	No	No	Not Allowed
6	Unreleased Bid Security, if any, held with the Railway Administration, shall not be adjusted towards the Bid Security to be remitted.	No	No	Not Allowed
7	Bid Security shall be deposited either in cash through e-payment gateway or e-BG or submitted as Bank Guarantee bond from a scheduled bank of India or as mentioned in tender documents subject to exemptions provided under para5(1) (a) of Part-1 (ITT) of GCC.	No	No	Not Allowed
8	In case of submission of Bid Security in the form of Bank Guarantee, the Original Bank Guarantee (other than e-BG) should be delivered in person to the Official nominated as indicated in the Tender document before closing date for submission of bids (i.e. excluding the last date of submission of bids)	No	No	Not Allowed
8.1	The original Bank Guarantee should be delivered in person to Chief Office Superintendent/Works Branch, Railway Divisional Office, Tiruchchirappalli before closing date for submission of bids (i.e. excluding the last date of submission of bids)	No	No	Not Allowed

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9	Deployment of Qualified Engineers at Work Sites by the Contractor: 26A.1 The Contractor shall also employ qualified Graduate Engineer(s) or equivalent, or qualified Diploma Engineer(s), as prescribed in the tender documents. 26A.2 In case the Contractor fails to employ the Engineer, as aforesaid in Para 26A.1, he shall be liable to pay liquidated damages at the rates, as prescribed in the tender documents. 26A.3 No. of qualified Engineers required to be deployed by the Contractor for various activities contained in the works contract shall be specified in the tender documents as 'Special Condition of Contract'.	No	No	Not Allowed
10	As per Para 3a of Addendum & Correction slip issued by Board communicated vide Board's Lr. No. 2012/CE-I/CT/O/20 dated 10-05-2013 (or) as per Railway Board's instructions issued from time to time. Contractor shall employ(a) One qualified Graduate Engineer when cost of work to be executed is 200lakh and above and, (b) One Diploma Holder Engineer when cost of work to be executed is more than 25 lakhs, but less than 200 lakhs.	No	No	Not Allowed
11	All Bank Guarantees shall be issued and transmitted only through the Structured Financial Messaging System (SFMS) of the issuing bank. The tenderer/contractor shall submit the necessary details as per the format available in Document tab,	No	No	Not Allowed
12	As per Correction Slip No.11 of GCC-2022 : Additional Performance Security - GCC Para 16(4)(h) : If a tender is accepted on the quoted rates of bidder which is below the advertised tender value, an additional performance security shall be submitted by the bidder as below: Bid quoted in % of advertised cost Additional Performance Guarantee (%) : Below 0 - 5% (inclusive) : Nil : Below 5% : 5%	No	No	Not Allowed

**Technical-Compliances**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Submission of Certificates and testimonials regarding contracting/Technical experience for the type of job for which tender is invited.	Yes	Yes	Not Allowed
2	Submission of Audited Balance Sheet duly certified by the Chartered Accountant regarding contractual payments received.	Yes	Yes	Not Allowed
3	Submission of Audited Balance Sheet, duly certified by the Chartered Accountant as per Annexure - VI(B)	Yes	Yes	Not Allowed

**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	I/We have read the INDIAN RAILWAY GENERAL CONDITIONS OF CONTRACT With all correction slips up to date and other conditions of tender including special conditions if any attached hereto in the Tender document and I/We hereby agree to abide by the conditions stipulated therein.	No	No	Not Allowed
3	I/We also undertake to carry out the work in accordance with the said plans, standard Railway specifications documented and conditions of contract and to find and provide such of the materials (other than those to be supplied by the Railway), and to do all such things which in the opinion of the Engineer may be necessary for, or incidental to the construction.	No	No	Not Allowed
4	I /We also undertake that I/we have organizational set up to execute the work and also we have sufficient Plant & Machinery or/and capable of hiring Plant & Machinery as required for satisfactory completion of work.	No	No	Not Allowed

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	ACSNo11forGCC2022.pdf	ACS No11 of GCC 2022

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2	Specialconditioncementsteel-Bldg-n09.pdf	special condition of contract
3	Tenderformfirstandsecondpage281024.pdf	tender form
4	annexurefortechanicalcomplaince18122022.pdf	annexure for technical compliance
5	MaintenanceperiodHQLetterdt.17.02.26.pdf	Maintenance period
6	Annexure-V-VA-16082023.pdf	AnnexureVVA
7	JPO.pdf	JPO for digging work
8	Registersatworksite.pdf	Register at work site
9	annexureforcommercialcomplaince.pdf	annexure for commercial compliance
10	PPEforsafetyinconstructionsite_1.pdf	PPE for safety
11	GCC-April-2022updatedandCSNo-10.pdf	GCC 2022 updated with CS 10
12	BOCWWcessRBletterdt.02.01.2026.pdf	BOCWW cess Rly Bd letter
13	RDSOCircularforsteelreinforcement.pdf	RDSO STR for TMT reinforcements
14	SpecialconditionsforsubmissionofBG.pdf	Special condition Bank Guarantee
15	FormforPoliceverificationofcontractualstaff.pdf	Verification of contractual staff
16	SpecificationElectricalconcealing.pdf	Specification for concealing works
17	specificationforworks.pdf	Specification for works
18	SpecialConditions-updationoflabourdata.pdf	Labour data
19	TNMRR12BedsPlan.PDF	General arrangement drawing

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:** REBBAPRAGADA RAMAPRASADARAO

**Designation :** Sr.DEN/co-ordn./tpj