

**CORE-UMB-ENGINEERING/CORE
TENDER DOCUMENT**

Tender No: REUMBCIVIL-Gr193A-007-247

Closing Date/Time: 19/11/2018 12:00

CPD acting for and on behalf of The President of India invites E-Tenders against Tender No **REUMBCIVIL-Gr193A-007-247** Closing Date/Time 19/11/2018 12:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

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

1. NIT HEADER

Name of Work	Construction of Electric Loco Trip Shed including track work and misc./other allied works at Hissar in Hissar-Bathinda section of North Western Railway in connection with Railway Electrification.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	19/11/2018 12:00	Date Time Of Uploading Tender	17/10/2018 17:46
Pre-Bid Required	No	Pre-Bid Query Date Time	Not Applicable
Advertised Value	34617130.81	Tendering Section	WORKS
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	323090.00	Validity of Offer (Days)	45
Tender Doc. Cost (Rs.)	10000.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	05/11/2018	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest		

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule A-USSOR-2010 Chapters of NWR							31659037.95	Above/ Below/Par
1		Please see Item Breakup for details.			1751562.71	26.14	2209421.20	
		Item Description:- CHAPTER-1 (Earth Work)						
2		Please see Item Breakup for details.			621183.64	26.14	783561.04	
		Item Description:- CHAPTER-2(CARRIAGE OF MATERIALS)						
3		Please see Item Breakup for details.			2098215.04	40.22	2942117.13	
		Item Description:- CHAPTER-3 (Plain Cement Concrete)						
4		Please see Item Breakup for details.			2825550.00	24.75	3524873.63	
		Item Description:- Supply of Cement Chapter-3 (PCC)						
5		Please see Item Breakup for details.			1656981.89	35.45	2244381.97	
		Item Description:- CHAPTER-4 (Reinforcement Cement Concrete)						
6		Please see Item Breakup for details.			2277000.00	37.19	3123816.30	
		Item Description:- Supply of Reinforcement (Chapter-4 (RCC)						
7		Please see Item Breakup for details.			2099371.29	29.41	2716796.39	
		Item Description:- CHAPTER-5 (BRICK WORK)						
8		Please see Item Breakup for details.			749034.78	26.14	944832.47	
		Item Description:- CHAPTER-7 (Wood Work)						
9		Please see Item Breakup for details.			4234159.90	26.14	5340969.30	
		Item Description:- CHAPTER-8(Steel and Aluminium work)						
10		Please see Item Breakup for details.			1716614.62	26.14	2165337.68	
		Item Description:- CHAPTER-9(Flooring, Paving and Dado)						
11		Please see Item Breakup for details.			966192.93	26.14	1218755.76	
		Item Description:- CHAPTER-10 (ROOF and Ceiling)						
12		Please see Item Breakup for details.			530840.05	26.14	669601.64	
		Item Description:- CHAPTER-11 (FINISHING MASONRY)						
13		Please see Item Breakup for details.			85070.50	26.14	107307.93	
		Item Description:- CHAPTER-12 (PAINTING and POLISHING)						
14		Please see Item Breakup for details.			242369.23	26.14	305724.55	

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14	Item Description:- CHAPTER-13 (WATER SUPPLY)			
15	Please see Item Breakup for details.	197844.74	26.14	249561.36
	Item Description:- CHAPTER-14 (SEVERAGE and DRAINAGE)			
16	Please see Item Breakup for details.	69637.01	26.14	87840.12
	Item Description:- CHAPTER-15 (SANITARY INSTALLATION)			
17	Please see Item Breakup for details.	32580.44	27.07	41399.97
	Item Description:- Chapter-16 (Horticulture & Landscaping)			
18	Please see Item Breakup for details.	87211.30	26.14	110008.33
	Item Description:- CHAPTER-17 (Misc. Building Works)			
19	Please see Item Breakup for details.	54708.48	26.14	69009.28
	Item Description:- CHAPTER-18 (DISMANTLING and DEMOLISHING)			
20	Please see Item Breakup for details.	129262.14	26.14	163051.26
	Item Description:- CHAPTER-19 (BRIDGE WORKS: Sub structure)			
21	Please see Item Breakup for details.	107939.25	26.04	136046.63
	Item Description:- CHAPTER-22 (BRIDGE WORKS: Miscellaneous)			
22	Please see Item Breakup for details.	656972.35	26.14	828704.92
	Item Description:- CHAPTER-23 (ROADS and PLATFORMS)			
23	Please see Item Breakup for details.	1392075.00	20.39	1675919.09
	Item Description:- CHAPTER-25 (SUPPLY OF MATERIALS)			

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-Non Schedule items of P. Way Works							2958092.86	Above/ Below/Par
1	Please see Item Breakup for details.				2958092.86	AT Par	2958092.86	
	Item Description:- Non Schedule items of P. Way Works							

3. ITEM BREAKUP

Schedule	Schedule A-USSOR-2010 Chapters of NWR					
Item- 1	CHAPTER-1 (Earth Work)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Earth work in excavation as per approved drawings and dumping at embankment site or spoil heap, within railway land, including 50m lead and 1.5m lift, the lead to be measured from the centre of gravity of excavation to centre of gravity of spoil heap: the lift to be measured from natural ground level and paid for in layers of 1.5m each, including incidental work, as per specifications-in				
1	011011	All kinds of soils	cum	3735.00	95.85	357999.75
2	011070	Extra for every additional lift of 1.5m or part thereof, after the initial 1.5m, for earth work in all soils	cum	1500.00	8.85	13275.00
3	012010	Extra over item 011010 for excavation in foundations for buildings and bridges to cover dressing to neat dimension and plumbing sides etc. Note : Dressing under this item is payable for the total quantity of excavation in foundation and not partly	cum	3735.00	10.10	37723.50
4	012030	Extra for watering and ramming earth in foundation and floors in 15cm layers. Note : This item is payable where ramming is not included in the original rate for earthwork in filling.	cum	2150.00	18.10	38915.00
5	012040	Filling, watering and ramming earth in 15 cm layers in floors and foundations with surplus earth from foundations including 50m lead and 1.5m lift	cum	3735.00	21.90	81796.50
6	012050	Supplying and filling sand in plinth and under floors including watering, ramming, consolidating and dressing complete	cum	28.00	438.72	12284.16

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7	013120	Earthwork in filling in embankment, guide bunds, around buried type abutments, bridge gaps, trolley refuges, rain bunds if provided, platforms etc. with earth excavated from outside railway boundary entirely arranged by the contractor at his own cost as per RDSO's latest guidelines and specifications and special condition of contract including all leads, royalty, lifts, ascents, descents, crossing of nallahs or any other obstructions. The rates shall include all dressing of bank to final profile, demarcation and setting out of profile, site clearance, removing of shrubs, roots of vegetations growth, heavy grass, benching of existing slope of old bank, all handling/re-handling. taxes, octroi and royalty etc. as a complete job. Cut trees shall be property of railways and to be deposited in the railway godown unless specified otherwise in the Special conditions of contract	cum	7200.00	114.25	822600.00
8	013130	Extra for mechanical compaction of earth/blanketing material filled in embankment with contractor's rollers of suitable capacity, type and size to achieve specified density as per specification, testing as per IS codes incl. cost of water, T&P consumable material and all labour as a complete job. The work is to be executed as per Latest edition of "Guidelines for Earthwork in Railway Projects" issued by RDSO, Lucknow	cum	7200.00	11.46	82512.00
9	013140	Removal of excavated/slip earth/ debris/ malba from the site of works to any other place outside Railway land/premises, including all excavations, handling, re-handling, loading, unloading and leading, etc. all labour and material as a complete job. Removal of Earth (all kinds of soils)/ROCKS, BOULDERS including mud/slush, slipped earth in catch water drains, side drains, over berms in cutting, water way of bridges, over coping of toe/breast/retaining walls etc. including crossing of nallah, railway tracks, making/repairing approach roads if required, all lead, lift, ascent, descents, or any other obstruction. Earth spoils to be dumped outside the cutting or railway embankments as per direction of Engineer in charge	cum	500.00	114.99	57495.00
		Felling trees of girth (measured at a height of 1m above ground level) including lead and stacking of material within 100m. Note : 1. When stumps are grubbed up in addition, the rates shall be doubled for trees cut and grubbed. 2. Payment for grubbing shall only be made where specially ordered. 3. Grubbing shall be ordered only where it is essential to remove the stumps, including the roots, as per specification. 4. Grubbing shall include removal of roots of trees and saplings to a depth of 60 cm below ground level or 30 cm below formation level or 15 cm below sub grade level, whichever is lower				
10	014032	Girth over 60 cm and upto 1.5m	Each	1.00	300.60	300.60
11	014110	Providing and removing barricading with the help of portable fencing along the running track where the work is to be done in close vicinity of the track. Fencing shall consist of self supporting steel angles of size 50 x50x6mm, 1.5m long provided with hooks etc. and embedded in CC 1:2:4 block of size 0.23x0.23x0.23M placed at c/c distance of 2.0 M along the track. 12 mm dia rods in three horizontal layers tack welded with the angle posts including providing Retro-reflective tapes in Horizontal & vertical direction. Note : Released material will be the property of the contractor after the completion of work. Cost of cement to be paid separately.	Metre	1380.00	178.74	246661.20
					Total	1751562.71
Item- 2	CHAPTER-2(CARRIAGE OF MATERIALS)					

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	021150	Leading miscellaneous materials such as iron work, rails, fittings & fastenings, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc and all similar articles (each individual article or bundle being not more than 3.5 metres long in the longest direction) including all loading, unloading and stacking, lead over 500m and upto 10 km. Note : Lead under this item is payable when the same exceeds 500m.	MT	348.00	135.27	47073.96
2	021151	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021150.	MT/Km	31320.00	6.15	192618.00
3	021152	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item no. 021150 &.021151	MT/Km	32870.00	5.62	184729.40
4	021170	Leading miscellaneous materials such as iron work, rails, pipes, wooden logs, stones over pitching stone size, RCC/PCC beams / slabs etc. and all similar articles (each individual article or bundle being more than 3.5 metres long in the longest direction) by truck, traylor, etc including all loading, unloading and stacking, lead over 500m and upto 10 km. Note : Lead under this item is payable when the same exceeds 500m.	MT	98.00	144.76	14186.48
5	021171	Additional lead for every subsequent km or part thereof, over 10 km and upto 100 km over item no. 021170	MT/Km	8820.00	7.07	62357.40
6	021172	Additional lead for every subsequent km or part thereof, over 100 km and upto 400 km over item nos. 021170 &.021171	MT/Km	22640.00	5.31	120218.40
					Total	621183.64
Item- 3	CHAPTER-3 (Plain Cement Concrete)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing and laying in position cement concrete of specified proportion excluding cost of cement, centering and shuttering - All works upto Plinth level :				
1	031012	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 40mm nominal size)	cum	280.00	1445.87	404843.60
2	031013	1:4:8 (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal size)	cum	380.00	1315.13	499749.40
		Providing and laying cement concrete, up to plinth in retaining walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc, excluding the cost of cement and of shuttering, centering.				
3	031021	1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20mm nominal size)	cum	20.00	1671.74	33434.80
4	031023	1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size)	cum	10.00	1682.52	16825.20
		Dry concrete without mortar in foundation and floors rammed in layers not exceeding 15 cm thick :				
5	031042	b) With graded brick aggregate 40mm nominal size	cum	10.00	1031.20	10312.00
		Providing and laying in position cement concrete of M 20 grade, excluding the cost of cement and of centering and shuttering, as per direction of the Engineer in charge :				
6	031051	All works upto Plinth level	cum	300.00	1656.44	496932.00
7	031052	All works above plinth level in retaining walls, walls (of any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, anchor blocks, parapets, copings, bed blocks, string or lacing courses, window sills, fillets, kerbs, steps etc.	cum	245.00	1785.69	437494.05

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		Centering and shuttering including strutting, propping etc. and removal of form work for :				
8	031061	Foundations, footings, bases of columns	Sqm	130.00	127.89	16625.70
9	031062	Retaining walls, return walls, walls (any thickness) including attached plasters, buttresses, plinth and string courses fillets etc.	Sqm	700.00	232.54	162778.00
		Providing and laying cement concrete 1:2:4 in damp-proof course (1 cement : 2 sand : 4 graded stone aggregate 12.5mm nominal size - excluding the cost of cement and including providing, fixing and removal of forms.				
10	032052	40mm thick	Sqm	25.00	128.15	3203.75
11	032070	Applying a coat of residual petroleum bitumen of penetration 80/ 100 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	Sqm	118.00	77.53	9148.54
12	033050	Extra for rounding of drains and keeping to proper template and grade including the cost of template	Metre	200.00	34.34	6868.00
					Total	2098215.04
Item- 4	Supply of Cement Chapter-3 (PCC)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supply and using cement at worksite :				
1	033063	PPC	Tonne	585.00	4830.00	2825550.00
					Total	2825550.00
Item- 5	CHAPTER-4 (Reinforcement Cement Concrete)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing and laying in position M 20 Grade concrete for reinforced concrete structural elements but excluding cost of centering, shuttering, reinforcement and Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge				
1	041011	All work upto plinth level, including raft foundation of washable aprons, HS tank, pile cap, footings of FOB, and Platform shelter etc.	cum	202.00	1836.48	370968.96
2	041012	All work in buildings above plinth level upto floor two level.	cum	300.00	2047.43	614229.00
		Centering and shuttering including strutting, propping etc. and removal of form for :				
3	042011	Foundations, footings, bases of columns, raft foundation of washable aprons, Pile caps, Footings of FOB etc.	Sqm	500.00	127.50	63750.00
4	042012	Walls (any thickness) including attached plasters, buttresses, plinth and string courses etc.	Sqm	175.00	232.60	40705.00
5	042013	Suspended floors, roofs, landings, balconies, FOB slabs, walkway slabs and access platform	Sqm	625.00	237.02	148137.50
6	042014	Lintels, beams, plinth beams, bed blocks, girders, bressumers and cantilevers	Sqm	375.00	201.17	75438.75
7	042015	Columns, pillars, , posts and struts	Sqm	700.00	282.10	197470.00
8	042016	Stairs (excluding landings) except spiral-staircases	Sqm	10.00	262.90	2629.00
		Centering and shuttering including strutting, propping etc. and removal of form for special shapes				
9	042025	Edges of slabs and beams in floors and walls under 20 cm wide	Metre	200.00	74.70	14940.00
10	042029	Weather shade, Chajjas, corbels etc. including edges	Sqm	240.00	337.57	81016.80

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11	042040	Supplying and applying shuttering oil for mould releasing, having (Flash point 54 degree C and specific gravity 0.88±0.02) for concrete formwork to be applied either by brush or with spray machine to the entire satisfaction of Engineer Incharge	Sqm	2650.00	7.38	19557.00
		Providing, hoisting and fixing in position upto floor two level M20 Grade precast RCC work including setting in cement mortar 1:3 (1 cement : 3 coarse sand) and finishing smooth with 6mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete including cost of centering, shuttering, finishing, Admixtures in recommended proportion (as per IS:9103) to accelerate, retard setting of concrete, improve workability without impairing strength and durability, excluding cost of cement and steel reinforcement, as per approved plan & direction of Engineer incharge.				
12	043015	In slabs for drain covers, manhole covers, flue tops etc.	cum	5.00	2373.26	11866.30
13	046010	Extra for RCC work in superstructure above floor two level for every floor or part thereof.	cum	33.00	324.08	10694.64
14	047030	Providing and filling in position bitumen mix filler of proportion 80kg of hot bitumen, 1kg of cement and 0.25cum of coarse sand for expansion joints.	per cm depth/cm width /100 m length	28.00	133.23	3730.44
15	048090	Extra for making anti-slip grooves in RCC staircase 3mm wide and 3mm deep	Sqm	10.00	184.85	1848.50
					Total	1656981.89
Item- 6	Supply of Reinforcement (Chapter-4 (RCC))					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supplying Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.				
1	045016	Thermo-Mechanically Treated bars	Kg	50000.00	45.54	2277000.00
					Total	2277000.00
Item- 7	CHAPTER-5 (BRICK WORK)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Brick work with non-modular (FPS) bricks of class designation 7.5 in foundation and plinth in :				
1	051017	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	50.00	2150.23	107511.50
2	051018	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	880.00	2150.23	1892202.40
3	051040	Extra over item 051010 & 051020 for brick work in superstructure beyond plinth level upto floor two level :	cum	341.00	156.64	53414.24
4	051050	Extra for brick work in superstructure beyond second floor level for every 3m or part thereof :	cum	25.00	296.18	7404.50
5	051060	Extra for brick work in square or rectangular pillars	cum	10.00	217.96	2179.60
6	051080	Extra for Making tapered surface of brick masonry	cum	190.00	157.62	29947.80
7	051140	Brick work 7 cm thick with bricks of class designation 7.5 in cement mortar 1:3 (1 Cement : 3 coarse sand) in superstructure	Sqm	1.00	209.15	209.15
		Half brick masonry with bricks of class designation 7.5 in foundations and plinth in :				
8	051182	Cement mortar 1:4 (1 Cement : 4 coarse sand)	Sqm	10.00	257.93	2579.30
9	051190	Extra for half Brick masonry in superstructure above plinth level upto floor two level	Sqm	10.00	43.50	435.00
10	053020	Honey-comb brick work 20/23 cm thick with bricks of class designation 7.5 in cement mortar 1:4 (1 Cement : 4 coarse sand)	Sqm	10.00	348.78	3487.80
					Total	2099371.29

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Item- 8 CHAPTER-7 (Wood Work)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing wood work in frames of doors, windows, clerestory windows and other frames and trusses, wrought, framed and fixed in position :				
1	071014	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway)	cudm	20.00	28.25	565.00
		Providing and fixing panelled/glazed or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S. butt hinges with necessary screws excluding, panelling/glazing which will be paid for separately				
2	072015	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). 35mm thick	Sqm	85.00	1494.17	127004.45
		Providing and fixing panelling/glazing or panelling and glazing in panelled/ glazed or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling/glazing for panelled/ glazed or panelled and glazed shutters 25mm to 40mm thick				
3	072026	Ply wood 7ply 9mm thick. Commercial ply on one face and teak ply on other face	Sqm	4.00	1115.42	4461.68
		Providing and fixing paneling and/or glazing in panelled and/or glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling/glazing for panelled/ glazed or panelled and glazed shutters 25mm to 40mm thick				
4	072037	Glazing with float glass panes 4mm thick (10kg/sqm)	Sqm	40.00	402.92	16116.80
		Providing and fixing wire gauge shutter using galvanized M.S. wire gauge of average width of aperture 1.4mm with wire of dia 0.63mm for doors, windows and clerestory windows including ISI marked bright finished or black enamelled M.S. butt hinges with necessary screws				
5	072095	Kail, venteak, pillamarudhu or locally available comparable species of good country wood (to be listed by respective railway). - 35mm thick Kail wood	Sqm	110.00	1183.86	130224.60
6	072100	Extra over Item 072090 for providing SS wire gauge instead of Galvanised MS wire gauge	Sqm	110.00	120.80	13288.00
		Providing and fixing flush door shutters to IS: 2202 Part-I non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3ply veneering with vertical grains or cross bands and face veneers on both faces of shutters				
7	072152	30mm thick including ISI marked stainless steel butt hinges with necessary screws	Sqm	28.00	1113.78	31185.84
		Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete				
8	074231	Fixed to steel windows by welding	Kg	5500.00	70.32	386760.00
		Providing and fixing M.S. single acting spring hinges bright satin finish with necessary screws etc. complete of size				
9	075031	150mm	Each	22.00	114.37	2516.14
		Providing and fixing M.S. sliding door bolts generally conforming to IS: 281, bright satin finish or black stone enamelled with nuts and screws etc. complete of size				
10	075051	300x16 mm	Each	4.00	104.19	416.76
11	075052	250x16 mm	Each	11.00	89.96	989.56

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		Providing and fixing M.S. tower bolts generally conforming to IS:204 (Part I) with necessary screws etc. complete of size.				
12	075063	150x10 mm	Each	10.00	27.98	279.80
		Providing and fixing MS hooks and eyes				
13	075084	150mm	Each	240.00	10.69	2565.60
		Providing and fixing special quality bright finished brass cupboard or ward robe locks with four levers including necessary screws etc. complete (best make of approved quality)				
14	077123	65mm	Each	1.00	127.35	127.35
15	077180	Providing and fixing IS: 3564 marked aluminium die cast body tubular type universal hydraulic door closer, hardwyn make (Classic Queen) or equivalent with necessary accessories and screws etc. complete	Each	4.00	905.96	3623.84
		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				
16	078022	250x16mm	Each	8.00	139.50	1116.00
		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				
17	078032	250x10mm	Each	12.00	65.03	780.36
18	078033	200x10mm	Each	12.00	53.42	641.04
19	078034	150x10mm	Each	236.00	49.53	11689.08
		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				
20	078061	125mm	Each	11.00	59.97	659.67
21	078062	100mm	Each	4.00	42.44	169.76
		Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade with necessary screws etc. complete				
22	078072	Twin rubber stopper	Each	16.00	66.15	1058.40
23	078130	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitered at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge	Metre	11.00	384.67	4231.37
24	078140	Providing and fixing to existing door frames 30mm thick factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for styles and 15x15mm for top & bottom rails. M.S. frame shall have a coat of steel primers. M.S. frame covered with 5mm thick heat moulded PVC Foam sheet 'C channel as per drawing given in IR Standard Specifications complete in all respect	Sqm	4.00	2140.92	8563.68
					Total	749034.78
Item- 9	CHAPTER-8(Steel and Aluminium work)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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		Structural steel work in single section including cutting, bending, straightening, drilling, rivetting, bolting, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
1	081011	In RSJ, tees, angles and channels	Kg	200.00	58.15	11630.00
2	081012	In flats, plates, round or square bars	Kg	150.00	58.08	8712.00
		Structural steel work welded in built up sections, trusses and framed work, girders, stagings, racks, etc including cutting, bending, straightening, hoisting, fixing in position, including applying a priming coat of approved steel primer, complete - upto 6m height above GL				
3	081031	In RSJ, tees, angles and channels	Kg	6000.00	70.41	422460.00
4	081032	In flats, plates, round or square bars	Kg	6500.00	68.79	447135.00
		Extra for every subsequent 3m height or part thereof over 6m height above GL for erection and fixing of steel work :				
5	081041	Over item no 081012	Kg	150.00	3.42	513.00
6	081043	Over item no 081032	Kg	5500.00	5.91	32505.00
7	081140	Supplying and fixing lewis/ holding down bolts of approved design with nuts and washers complete	Kg	760.00	52.97	40257.20
		Supplying and fixing rolling shutters of approved make as per IS 6248, made of required size M.S. laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5cm long wire spring grade No.2 and M.S. top cover of required thickness for rolling shutters				
8	081211	80x1.25mm M.S. laths with 1.25mm thick top cover	Sqm	18.00	1435.10	25831.80
		Providing and fixing ISI standard steel glazed doors, windows and ventilators of standard rolled steel sections (shutters & frame), joints mitered and welded with 15x3mm lugs, 10cm long, embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1cement: 3coarse sand: 6graded stone aggregate 20mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing glass panes with glazing clips and special metal sash putty of approved make, necessary fittings such as brass handles, brass peg stays, brass spring catch, bolts, hinges, locks etc as required, applying a priming coat of approved steel primer but excluding the cost of metal beading				
9	081252	Windows fixed	Sqm	45.00	1831.71	82426.95
10	081253	Windows-side hung	Sqm	55.00	2252.12	123866.60
11	081255	Ventilators-centre hung	Sqm	35.00	2258.22	79037.70
		Steel work in built up tubular trusses including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete				
12	081291	Hot finished welded type tubes	Kg	32650.00	90.61	2958416.50
13	081350	Providing and fixing circular/ hexagonal M.S. sheet ceiling fan box with clamps of internal dia 140mm, 73mm height, 3mm thick rim, top and bottom lid of 1.5mm M.S. sheet. Lids shall be screws into M.S. box by means of 3mm round beaded screws, clamps shall be made of 12mm dia M.S. bar bent to shape as per standard drawing with over all length as 80cm. (it includes cost of clamps also)	Each	15.00	91.21	1368.15
					Total	4234159.90
Item- 10	CHAPTER-9(Flooring, Paving and Dado)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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		Providing hand packed dry flat brick flooring, class designation 7.5 (FPS Bricks), excluding pointing with joints filled with sand over a bed of dry sand (ordinary) of average thickness 25 mm including ramming sub grade :				
1	091031	Brick on edge	Sqm	100.00	248.71	24871.00
2	091090	Laying cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate 20mm nominal size) of thickness 40 to 100mm as under layer of flooring	cum	30.00	1997.72	59931.60
		Cement concrete flooring 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete				
3	092012	40mm thick with 20mm nominal size stone aggregate	Sqm	450.00	115.08	51786.00
4	092013	50mm thick with 20mm nominal size stone aggregate	Sqm	960.00	132.23	126940.80
		Cement plaster skirting (upto 30cm height) with cement mortar 1:3 (1cement: 3coarse sand) finished with a floating coat of neat cement				
5	092022	18mm thick	Sqm	100.00	127.78	12778.00
6	092050	Laying 15 mm thick hardened topping on concrete surface with 1 part metallic floor hardener, 4 parts cement and 9 parts by weight hard stone chips of size 6 mm mixed and laid as per specifications	Sqm	1000.00	1204.03	1204030.00
		Providing & fixing Precast Chequered tiles conforming to IS:13801:1993, manufactured under mechanical vibration & hydraulic pressing machine in double layer; top layer of 10 to 12 mm thickness of Dolomite Powder, graded chips, fibre and UV stabilised iron oxide Lanexess colour and bottom layer of 1:3 CC mixed with galvanised steel fibre of approved quality, jointed with neat cement slurry mixed with pigment to match shade of tiles including rubbing and cleaning etc. complete on 20mm thick bed of cement mortar 1:4 of sizes :				
7	094061	250mm x 250mm x 25mm thick	Sqm	10.00	391.46	3914.60
		Providing and fixing 10mm thick heavy duty acid and/or alkali resistant factory made tiles conforming to Group V-RD series of approved make and colour using acid and/or alkali resisting mortar bedding and joints filled with acid and/or alkali resisting cement as per IS: 4457 complete including cost of acid/alkali resistant cement				
8	094071	In flooring on a bed of 10mm thick mortar 1:4 (1 Appropriate cement : 4 coarse sand)	Sqm	20.00	882.06	17641.20
9	094072	In dado/skirting on 12mm thick mortar 1:4 (1 Appropriate cement : 4 coarse sand)	Sqm	26.00	944.57	24558.82
		Providing and fixing 1st quality ceramic tiles conforming to Group B-III (Ceramic Wall Tiles) of IS:15622 of manufacturers approved by railway in all colours, shades, and design as approved by the Engineer-in-Charge in skirting, risers of steps and dado over 12mm thick bed of cement mortar 1:3 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				
10	095012	200x300 mm	Sqm	130.00	606.42	78834.60
		Providing and fixing ceramic tiles conforming to IS:15622 of manufacturers approved by railway in all colours, shades, design and abrasion resistance class as approved by the Engineer-in-Charge in floors and landings over 20mm thick bed of cement mortar 1:4 (1cement: 3coarse sand) including pointing in white cement mixed with pigment of matching shade complete				

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11	095026	Of Group B-I-a of IS : 15622 (Vitrified tiles) of size above 400x400mm upto 600x600 mm	Sqm	130.00	776.65	100964.50
		Providing and fixing glass strips in joints of terrazzo / cement concrete floors				
12	098111	40mm deep and 4mm thick	Metre	350.00	29.61	10363.50
					Total	1716614.62
Item- 11	CHAPTER-10 (ROOF and Ceiling)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	101080	Supply & installation of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50mm +/- 5% total coated thickness (TCT) thick Zinc coating 120gsm as per IS:277 in 240mpa steel grade, 5-7microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5 x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required	Sqm	1300.00	451.75	587275.00
		Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50mm +/- 5% total coated thickness (TCT) thick Zinc coating 120 gsm as per IS:277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :				
2	101091	Ridges plain (500-600mm)	Metre	82.00	466.58	38259.56
3	103040	Extra for providing and fixing wind ties of 40x6mm flat iron section complete with hooks, nuts, washers etc.	Metre	650.00	92.12	59878.00
		10cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25mm thick mud mortar with bhusa at 35 kg per cum. of earth and gobri leaping with mix 1:1 (1clay: 1cow dung) and covered with tile bricks grouted with cement mortar 1:3 (1cement: 3fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat - upto floor two level				
4	104011	With F.P.S. flat brick tiles of class designation 10	Sqm	425.00	255.87	108744.75
5	104130	Providing gola 75x75mm in cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1cement: 3fine sand) as per standard design -in 75x75mm deep chase	Metre	145.00	64.32	9326.40
6	104140	Making khurras 45x45cm with average minimum thickness of 5cm cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate of 20mm nominal size) over P.V.C. sheet 1mx1mx400micron, finished with 12mm cement plaster 1:3 (1cement: 3coarse sand) and a coat of neat cement rounding the edges and making and finishing the outlet complete	Each	25.00	90.15	2253.75

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7	105030	Painting top of roofs with residual type petroleum bitumen of penetration 80/100 of approved quality at 17kg per 10 sqm impregnated with a coat of coarse sand at 60 cu dm. Per 10sqm. including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete	Sqm	425.00	83.67	35559.75
		Providing and fixing on wall face unplasticised - Rigid PVC single socketed rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion.				
8	108162	110mm dia.	Metre	602.00	182.18	109672.36
		Providing and fixing on wall face unplasticised - PVC moulded bend and shoe for unplasticised-Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion				
9	108182	Bend 87.5o, 110mm dia bend	Each	38.00	160.41	6095.58
10	108184	Shoe (Plain), 110mm dia shoe	Each	33.00	261.76	8638.08
11	108200	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15cm dia and weighing not less than 440 grams	Each	10.00	48.97	489.70
					Total	966192.93
Item- 12	CHAPTER-11 (FINISHING MASONRY)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		12 mm cement plaster of mix -				
1	111041	1:4 (1cement: 4coarse sand)	Sqm	150.00	66.45	9967.50
2	111042	1:6 (1cement: 6coarse sand)	Sqm	2500.00	66.45	166125.00
		15 mm cement plaster on the rough side of single or half brick wall of mix -				
3	111051	1:4 (1cement: 4coarse sand)	Sqm	100.00	76.56	7656.00
4	111052	1:6 (1cement: 6coarse sand)	Sqm	2300.00	76.56	176088.00
5	111170	6 mm cement plaster 1:3 (1cement: 3fine sand) finished with a floating coat of neat cement and thick coat of lime wash on top of walls when dry for bearing of R.C.C. slabs and beams	Sqm	65.00	71.67	4658.55
6	111180	Neat cement punning	Sqm	200.00	13.32	2664.00
		White washing with lime to give an even shade				
7	115011	New work (three or more coats)	Sqm	1650.00	8.55	14107.50
8	115050	Distempering two or more coats on new work with 1st quality acrylic washable distemper (ready mixed) of approved manufacturer and of required shade and colour complete as per manufacturer's specification	Sqm	750.00	37.20	27900.00
9	115060	Applying one coat of cement primer of approved brand and manufacture on wall surface	Sqm	2300.00	25.48	58604.00
10	115110	Finishing walls with water proofing cement paint of required shade two or more coats on new work applied @ 3.84 Kg/10 sqm	Sqm	1550.00	40.69	63069.50
					Total	530840.05
Item- 13	CHAPTER-12 (PAINTING and POLISHING)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Applying Priming Coat :				
1	121011	With ready mixed pink or grey primer of approved brand and manufacture on woodwork (hard and soft wood)	Sqm	250.00	23.18	5795.00
2	121013	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanized iron/steel works	Sqm	250.00	19.35	4837.50

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3	121150	Painting two coats (excluding priming coat) with chocolate, red, grey or buff ready mixed paint of approved quality, on steel or wood work	Sqm	1600.00	45.47	72752.00
4	121250	Lettering with "Synthetic Enamel" paint (two coats) of approved brand and manufacture	Each of 1 cm height	800.00	1.47	1176.00
5	121280	Painting border lines upto 150 mm width with two coats of synthetic enamel paint	Each of 1 cm height	500.00	1.02	510.00
					Total	85070.50
Item- 14	CHAPTER-13 (WATER SUPPLY)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall				
1	131131	15 mm dia. nominal bore	Metre	20.00	139.25	2785.00
2	131132	20 mm dia. nominal bore	Metre	35.00	184.37	6452.95
3	131133	25 mm dia. nominal bore	Metre	20.00	233.33	4666.60
		Providing and fixing medium grade G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the wall etc. Concealed pipe including painting with anti corrosive bitumestic paint, cutting chase and making good the wall				
4	131141	15 mm dia. nominal bore	Metre	60.00	185.97	11158.20
5	131142	20 mm dia. nominal bore	Metre	20.00	226.54	4530.80
6	131143	25 mm dia. nominal bore	Metre	15.00	270.62	4059.30
		Providing and fixing medium grade G.I. pipes complete with G.I. fittings including trenching and refilling etc. External Work				
7	131151	15 mm dia. nominal bore	Metre	15.00	127.64	1914.60
8	131152	20 mm dia. nominal bore	Metre	20.00	168.20	3364.00
9	131153	25 mm dia. nominal bore	Metre	80.00	215.80	17264.00
10	131155	40 mm dia. nominal bore	Metre	20.00	288.38	5767.60
11	131156	50 mm dia. nominal bore	Metre	100.00	372.53	37253.00
12	131158	80 mm dia. nominal bore	Metre	200.00	559.64	111928.00
		Making connection of medium grade G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete				
13	131161	25 to 40 mm nominal bore	Each	1.00	261.77	261.77
14	131162	50 to 80 mm nominal bore	Each	1.00	466.55	466.55
15	131163	100 mm to 150 mm dia.	Each	1.00	1043.23	1043.23
		Providing and fixing brass stop cock of approved quality				
16	132021	15 mm nominal bore	Each	6.00	189.05	1134.30
		Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)				
17	132031	25 mm nominal bore	Each	1.00	344.38	344.38
18	132033	40 mm nominal bore	Each	1.00	556.44	556.44
19	132034	50 mm nominal bore	Each	1.00	731.16	731.16
20	132036	80 mm nominal bore	Each	1.00	1415.29	1415.29
21	132037	100 mm nominal bore	Each	1.00	1794.23	1794.23
		Providing and fixing unplasticised PVC connection pipe with brass unions : 30 cm length				
22	132131	15 mm nominal bore	Each	15.00	43.11	646.65
23	132180	Providing and fixing C.P. brass bib cock, 15mm nominal bore, of approved quality conforming to IS:8931	Each	4.00	266.62	1066.48

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24	132220	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	Each	15.00	342.87	5143.05
		Providing and fixing PTMT bib cock of approved quality and colour				
25	134011	15mm nominal bore, 86mm long. Weighing not less than 88 gms	Each	15.00	114.77	1721.55
		Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work)				
26	136131	15mm nominal bore	Each	6.00	96.34	578.04
27	136132	20mm nominal bore	Each	4.00	118.12	472.48
28	136133	25mm nominal bore	Each	2.00	131.19	262.38
29	136136	50mm nominal bore	Each	2.00	206.10	412.20
30	136150	Providing and placing on terrace/staging (at all heights) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	Litre	2500.00	5.27	13175.00
					Total	242369.23
Item- 15	CHAPTER-14 (SEWERAGE and DRAINAGE)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing, laying and jointing glazed stoneware pipes grade 'A' as per IS:651 including bends etc. with stiff mixture of cement mortar in the proportion of 1:1 (1cement : 1fine sand) including testing of joints etc. complete				
1	141011	100mm diameter	Metre	8.00	149.29	1194.32
2	141012	150mm diameter	Metre	100.00	237.30	23730.00
		Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes including bends etc with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1cement: 2fine sand) including testing of joints etc. complete upto 800mm dia.				
3	142012	150mm dia. R.C.C. pipe	Metre	176.00	220.89	38876.64
4	142014	300mm dia. R.C.C. pipe	Metre	180.00	381.99	68758.20
		Constructing brick masonry manhole in cement mortar 1:4 (1cement: 4coarse sand) R.C.C. top slab with 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1cement: 4coarse sand: 8graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1cement: 3coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement: 2coarse sand: 4graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design				
5	143011	Inside size 90x80cm and 45cm deep including C.I. cover with frame (light duty) 455x610mm internal dimensions total weight of cover and frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg). With F.P.S. bricks class designation 7.5	Each	2.00	3804.05	7608.10
		Extra for depth for manholes of size				
6	143041	Size 90x80cm with F.P.S. Bricks class designation 7.5	Metre	20.00	2399.97	47999.40
7	143280	Constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100mm diameter and 1.20m long complete as per standard design including excavation complete	Each	4.00	1319.52	5278.08
8	143281	Extra for every cm depth above 1.20 m as per site conditions if required	cm depth	400.00	11.00	4400.00
					Total	197844.74

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Item- 16 CHAPTER-15 (SANITARY INSTALLATION)						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast iron P or S trap, 10litre low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required				
1	151011	White Vitreous China Orissa pattern W.C. pan of size 580x440-mm with integral type foot rests	Each	2.00	2398.64	4797.28
		Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10litre low level white, P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required				
2	151021	W.C. pan with ISI marked white solid plastic seat and lid	Each	3.00	2418.09	7254.27
		Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265mm sizes respectively with automatic flushing cistern , with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required				
3	151041	One urinal basin with 5litre white P.V.C. automatic flushing cistern	Each	5.00	2270.26	11351.30
		Providing and fixing wash basin with C.I./ M.S. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required				
4	151071	white, vitreous china wash basin size 630x450mm with a pair of 15mm C.P. brass pillar taps	Each	6.00	1661.55	9969.30
		Providing and fixing Stainless Steel AISI- 304 (18/8) kitchen sink without drain board as per IS: 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required				
5	152032	610x460mm bowl depth 200mm	Each	1.00	3308.94	3308.94
		Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete				
6	152081	Semi rigid pipe 32mm dia.	Each	7.00	52.27	365.89
7	152110	Providing and fixing 600x450mm bevelled edge mirror , 5.5 mm thick of float glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	Each	6.00	739.47	4436.82
		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				
8	153272	100mm inlet and 100mm outlet sand cast iron S&S as per IS:1729	Each	1.00	533.65	533.65
		Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P. brass screws with concealed fitting arrangement of approved quality colour and make				
9	153322	600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190gms	Each	1.00	375.35	375.35
10	153430	Providing and fixing C P brass Shelf of 450 mm length complete with glass, 124 mm width & 36 mm ht. having approx. wt. 300 gms (Without Glass)	Each	2.00	426.23	852.46

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11	153550	Providing and fixing Toilet paper holder (C.P. Brass) having approx. wt. 250 gm	Each	3.00	125.43	376.29
12	153570	Providing and fixing Soap dish (C.P. Brass) having approx. wt. 220 gm	Each	6.00	156.93	941.58
13	154010	Providing and fixing 110mm dia PVC soil, waste and vent pipes including jointing and cost of spun yarn and sand etc. complete	Metre	50.00	221.27	11063.50
14	154020	Providing and fixing brackets comprising of aluminium painted standard steel clip and cast iron base for 110mm A.C. pipes, including cost of screws etc. and drilling of holes and making good the walls including cost of sand etc. complete	Each	140.00	85.56	11978.40
15	154030	Providing and fixing 110 mm x 110 mm x 110mm dia PVC plain branch (single equal junction)of the required degree including jointing and cost of spun yarn and sand etc., complete	Each	2.00	85.06	170.12
16	154100	Providing and fixing 110 mm PVC Plain bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	6.00	88.47	530.82
17	154110	Providing and fixing 110 mm PVC bend of the required degree with access door inclusive of 3mm thick bitumastic felt washer, bolts and nuts, complete, including jointing and cost of spun yarn and sand etc. complete	Each	4.00	105.89	423.56
18	154120	Providing and fixing 110mm dia PVC terminal guard including jointing and cost of spun yarn and sand etc, complete	Each	2.00	311.28	622.56
19	154130	Providing and fixing 110 mm PVC collar (loose socket) including jointing and cost of spun yarn and sand etc. complete	Each	4.00	71.23	284.92
					Total	69637.01
Item- 17	Chapter-16 (Horticulture & Landscaping)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Supplying and stacking at site dump manure / farm manure / animal dung manure from approved source; including all lead and lift etc. (manure measured in stacks will be reduced by 8% for payment)				
1	161041	Screened through sieve of I.S. designation 20mm	cum	1.00	105.19	105.19
		Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio 2:1 by volume (2parts of stacked volume of earth after reduction by 20% : 1part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately)				
2	161153	Holes / Pits 45 cm Dia and 60 cm deep	Each	15.00	15.51	232.65
3	161170	Providing and fixing M.S. flat iron tree guard 60cm dia. And 2m height above ground level formed of 4Nos. 25x6mm and 8Nos. 25x3mm vertical M.S. flat riveted to 3Nos. 25x6mm M.S. flat iron rings in two halves, bolted together with 8mm dia and 30mm long bolts including painting two coats with paint of approved brand and manufacture over a coat of priming, complete in all respects	Each	15.00	2084.03	31260.45
		Avenue Plants				
4	162061	Alstonia scholaris of height 150-180 cm in earthen pots of size 25 cm	Each	2.00	98.96	197.92
5	162063	Azadirachta Indica (Neem) of height 120-135 cm in big polybag of size 25-30cm	Each	3.00	46.69	140.07
6	162065	Bauhinia purpurea (Kachnar) of height 60-90 cm in big polybag of size 25-30cm	Each	2.00	29.27	58.54

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7	162070	Cassia fistula (Amaltash) of height 120-135cm in big polybag of size 25-30cm	Each	2.00	69.92	139.84
8	162080	Delonix regia (Gulmohar) of height 135-150 cm in big each polybag of size 25-30cm	Each	2.00	40.88	81.76
9	162084	Ficus bengalensis (Barged) of height 90-120 cm in big polybag size 25-30cm	Each	2.00	81.89	163.78
10	162088	Ficus infectoria (Pilkhan) of height 135-150 cm in big polybag of size 25-30cm	Each	2.00	58.31	116.62
11	162111	Nyctanthes arbortrists (Harsingar) of height 45-60cm in earthen pots of size 20cm	Each	2.00	41.81	83.62
					Total	32580.44
Item- 18	CHAPTER-17 (Misc. Building Works)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Drilling of bore well for specified depth in all types of soil and rock mechanically with all contractor's tools, plants, material and labour up to 75 meters				
1	171523	For 250 mm dia	Metre	60.00	522.68	31360.80
		Providing supplying, lowering and fixing in bore unperforated MS casing pipe 6 mm thickness up to specified depth below ground level with all contractor's tools, plants, material and labour etc. complete				
2	171543	200 mm internal pipe	Metre	50.00	1095.00	54750.00
		Extra for using slotted or perforated MS casing pipe				
3	171553	200 mm internal pipe	Metre	10.00	110.05	1100.50
					Total	87211.30
Item- 19	CHAPTER-18 (DISMANTLING and DEMOLISHING)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Demolishing plain cement concrete including disposal of material within 50m lead				
1	181022	Mix leaner than 1:2:4 with coarse aggregate larger than 20mm	cum	8.00	302.51	2420.08
2	181030	Demolishing R.C.C. work including cutting and stacking of steel bars and disposal of unserviceable material within 50m lead. (Extra payment for scraping, cleaning and straightening of bars to be made separately)	cum	10.00	727.44	7274.40
		Demolishing brick work including stacking of serviceable material and disposal of unserviceable material within 50m lead				
3	182013	In cement mortar	cum	40.00	411.43	16457.20
		Extra for removing mortar from bricks and cleaning bricks (stacks of cleaned bricks shall be measured)				
4	182023	From brick work in cement mortar	1000 Nos.	20000.00	1427.84	28556.80
					Total	54708.48
Item- 20	CHAPTER-19 (BRIDGE WORKS: Sub structure)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
		Exploratory drilling of Boreholes down to required depth, drilling of 150mm diameter boreholes in all type of soils except hard rock and large boulders (boulder core more than 30 cm), including refilling and reinstating surface, and disposing off surplus material including use of mechanical rigs with power operated winches as well as percussion / chieselling tool for advancing through occasional seams of hard strata to be employed, where necessary in Dry area				
1	191011	0m to 10m	Metre	10.00	1103.43	11034.30
2	191012	10m to 20m	Metre	10.00	1103.43	11034.30

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		Conducting in situ full size Plate load test (PLT) at selected location as per IS: 1888 including making loading arrangements & casting of RCC/cast in situ concrete footing as per codal provisions including excavation and refilling of trial pit				
3	191052	b. Plate size 45 cm x 45 cm	Each	1.00	21603.90	21603.90
4	191100	Taking out 100mm dia & 450mm long undisturbed samples of soil from bore holes, including provision of air tight containers for packing and, labelling incl. transporting the samples to laboratory. Piston sampler shall be used for extracting undisturbed samples where necessary. Samples shall be collected as per IS 2720	Each	10.00	127.76	1277.60
5	191110	Taking out 100mm dia & 450mm long disturbed samples of soil from bore holes, including provision of air tight containers for packing, labelling and transporting the samples to laboratory. Samples shall be collected as per IS 2720	Each	10.00	127.76	1277.60
6	191120	Conducting standard penetration test as per IS 2131 at approximate 1.5 m intervals in bore holes, as directed by the Engineer in charge	Each	10.00	134.73	1347.30
7	191130	Collection of water samples at required intervals	Each	2.00	15.10	30.20
		Conducting laboratory Tests on collected soil samples as per relevant IS code				
8	191141	Moisture contents/ Dry density	Each	10.00	44.14	441.40
9	191142	Atterberg Limit	Each	2.00	52.27	104.54
10	191143	Specific Gravity	Each	10.00	38.33	383.30
11	191144	Grain size analysis including Hydrometer analysis	Each	10.00	169.58	1695.80
12	191145	Direct Shear Test	Each	10.00	699.22	6992.20
13	191146	Natural density	Each	10.00	30.20	302.00
14	191147	Consolidation test	Each	10.00	84.79	847.90
15	191148	Unconfined compression test	Each	10.00	699.22	6992.20
16	191170	Conducting chemical analysis of soil samples to determine aggressiveness in relation to attack on concrete / reinforcement including determination of pH value	Each	1.00	15.10	15.10
17	191180	Preparation and submission of Final report giving complete and comprehensive record of investigations, laboratory test reports and calculations in approved format	Each	1.00	63882.50	63882.50
					Total	129262.14
Item- 21	CHAPTER-22 (BRIDGE WORKS: Miscellaneous)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	222180	Providing and laying of filter media consisting of granular materials of GW, GP, SW groups as per IS 1498-1970 in required profile behind boulder filling of abutments, wing walls / return walls etc above bed level with all labour and material complete job as per drawing and technical specification of RDSO Guidelines	cum	75.00	1439.19	107939.25
					Total	107939.25
Item- 22	CHAPTER-23 (ROADS and PLATFORMS)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	236020	Providing and laying design mix cement concrete in roads, having a cube strength of M-30 using cement, coarse sand and graded stone aggregate of 40mm nominal size as per approved design. mechanically vibrated, steel form work, curing, providing and filling construction & dummy joints with approved joint filler (conforming to grade B of IS: 1834) rounding of the edges, making & filling the grooves as per drawing	cum	315.00	2057.69	648172.35

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2	236060	Providing and laying in position bitumen hot sealing compound for expansion joints etc. using grade 'A' sealing compound	per cm width per cm depth /metre	5000.00	1.76	8800.00
					Total	656972.35
Item- 23	CHAPTER-25 (SUPPLY OF MATERIALS)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	252080	Stone Aggregate broken : 50 mm nominal size	cum	20.00	603.75	12075.00
2	252120	Coarse sand (Minimum zone III)	cum	2000.00	690.00	1380000.00
					Total	1392075.00
Schedule	Schedule B-Non Schedule items of P. Way Works					
Item- 1	Non Schedule items of P. Way Works					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	012010	NS:1:-Supply of stone ballast 65mm gauge (mechanically crushed) duly stacked on cess within the Rly. Boundary as per instructions of engineer-in-charge including all lead, lift, crossing of nallahs, borrow pit, tracks, royalty, octroi and other state/central taxes as levied etc. as a complete job. NOTE: 1) 8% shrinkage for voids will be deducted from the gross measured qty. of ballast stacked to arrive at net qty. for payment. 2) Sieve analysis to be made at site as per existing standard specifications.	cum	900.00	2120.93	1908837.00
2	012020	NS:2:-Handling, lifting, loading, leading ,unloading and spreading of 65mm gauge machine crushed hard stone ballast from the existing stacks laying along the cess / within railway boundary /other land and putting the same on new bank manually or with donkey labour or by tractor/truck or any other means in straight /curved /point and crossing etc. Rate will includes all lead, lift, ascent, descent, handling, rehandling, crossing of running track(Safely),nallah,streams or any other obstructions coming while working including all other charges i.e. taxes, royalties,octroi etc.making approach road wherever required for leading of ballast on the new bank with contractors own tools,labour etc. complete as directed by the engineer-in-charge including a lead of 200 mtr.on either side . The ballast shall be spread in initially in a layer of 150 to 300 mm thickness (as directed by the site engineer) for rolling to make a level bed for linking of track and further ballast shall be spread after linking of track to make proper ballast profile as ballast profile shown in IRPWM(with all correction slip) or single line BG LWR track on PRC sleepers with contractors own tools and labour as a complete job.:-Lead 0 to 200 m.	cum	900.00	222.22	199998.00

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3	012170	NS:3(a):-Assembling ,linking and laying of BG PRC fan shaped point and crossing (T/out 60kg/ 52kg/ 90R new/SS rails) including traps on wooden/ PRC Sleepers as per approved IRS drawings & conditions in running track as per direction of engineer-in-charge and in accordance with provisions contained in the special tender conditions, ensuring correct spacing including cutting and straightening of rails wherever required bending of rails, drilling holes for fish plated joints, fixing distance blocks & strecher bars, fixing of check rails etc. with all standard fittings and fastenings including squaring of sleepers in point and crossing assembly, gauge, alignments, longitudinal and cross level etc. complete including greasing , oiling of fish plates , fish bolts & nuts and pandrol clips, MCI inserts etc.(K. Oil, black oil, greasing to be arranged by contractor at his own cost) providing spherical washers and correct bend to stock rails, provision of correct expansion gaps according to standard temperature prevailing at the time of linking including free lead up to 500 mtr for all PRC Sleepers, switches, crossing, lead rails, leading of all P.Way fittings etc. from the SSE/JE/ P.Way store at Hissar Station or any where in Hisar-Bhatinda section with all lead, lifts, ascents, descents or any other obstructions, handling, rehandling, crossing of lines etc. in station yard on new/ existing formation including lowering /raising of formation including dressing & rolling of previously laid track ballast of required cushion katcha packing and required grading with ballast to bring the track to fairly good geometry and final tolerances as per special tender conditions and specifications as a complete job.-For point & crossing 1 in 8.5 turnout(on PSC fan shaped layout)60kg/52kg.	Set	4.00	125000.33	500001.32
4	012190	NS:4(a):-Two rounds of manual through packing including boxing, packing, dressing and providing required ballast cushion 250mm/ 350 mm as applicable and as per stipulated profile for LWR/SWR/fish plated track/ curves/ point & crossing, traps as per IRPWM manual or as directed by the Engineer-in-charge including first and second packing at required interval including squaring of sleepers, ensuring correct spacing, gauge, slewing for adjusting alignment, packing, repacking of joint sleepers, longitudinal and cross levels with boxing etc. complete to bring the track to required tolerances so as to make the track fit for the speed of 45 kmph including all lead, lift, handling and rehandling etc. of track and point and crossing under working traffic conditions or on newly laid track as a complete job.-For BG track with 52kg/60kg/ 90R/20/10/3 rail panels/single rail/LWR rails on PRC/wooden sleepers etc. with any type of track structure.	Per Track KM	0.47	46416.11	21815.57
5	012210	NS:4(b):-Two rounds of manual through packing including boxing, packing, dressing and providing required ballast cushion 250mm/ 350 mm as applicable and as per stipulated profile for LWR/SWR/fish plated track/ curves/ point & crossing, traps as per IRPWM manual or as directed by the Engineer-in-charge including first and second packing at required interval including squaring of sleepers, ensuring correct spacing, gauge, slewing for adjusting alignment, packing, repacking of joint sleepers, longitudinal and cross levels with boxing etc. complete to bring the track to required tolerances so as to make the track fit for the speed of 45 kmph including all lead, lift, handling and rehandling etc. of track and point and crossing under working traffic conditions or on newly laid track as a complete job.-For BG 1 in 8-1/2 point & crossing turnout with any type of PRC fan shaped track structure.	Set	4.00	12527.91	50111.64

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6	012220	NS:5:-Drilling of holes of 32mm/28mm dia with drilling machine or any suitable device as approved by the engineer-in-charge including chamfering in 60kg/ 52kg/ 90R new / SS rails including arrangements of all tools & plants, consumable material etc. at contractors own cost including all lead, lifts, placing, handling, rehandling of rails, crossing tracks etc. as required or as directed by the engineer-in-charge at site as a complete job with all labour, material and T&P involved as a complete job.	Each	1100.00	50.55	55605.00
7	012230	NS-6:-Cutting of all types of rails section New/SS on running / non running lines with hacksaw blade/cutting machine or any other suitable device for vertical, squares and smooth face for linking of track as directed by the engineer-in-charge as a complete job. (All the T &P/ consumable material required for cutting of rails will be arranged by the contractor at his own cost.) including handling/rehandling of rails. Rail pieces or any other scrap generating from cutting of Rails have to be deposited & stacked in the SSE/JE/P.Way store at Hissar Station or any where in Hisar-Bhatinda section free cost as the cost of same is deemed to be included in the offered rates.	Each	250.00	130.53	32632.50
8	012240	NS:7:-Assembling , laying and linking of track with 52 kg /90R new / SS rails with fixing of rails on inspection pits side walls at proper height and level including providing and fixing MCI insert, GR pad, elastic rail clips steel /GFN liners ensuring correct gauge, alignment, longitudinal and cross level including leading of all required P. Way materials from SSE/JE/P.Way store at Hissar Station or any where in Hisar-Bhatinda section including loading, leading, lifting, ascents, descents, crossing of road, level crossing , track or any other obstruction under running condition as a complete job. NOTE: All the required P. Way material, fitting & fastenings will be supplied from SSE/JE/ P.Way store at Hissar Station or any where in Hisar-Bhatinda section and the contractor will have to lead all the P.Way material including rails and fittings to the site of linking for which nothing extra will be paid.	Per Track Metre	162.00	170.83	27674.46

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9	012260	NS:8:-Assembling, linking and laying of BG Railway track complete including SEJ with 52 kg/60kg/90 R new/SS rails of all length, single/ three /10/20 rail panels on PRC/Metal/ Wooden sleepers of density (M+4) to (M+7) on straight, curves including realignment of curves and marking of stations, super elevation, versines with contractors own paint and level crossing, including cutting of rails where required for pairing etc. (Cutting for linking of SEJ/level crossing and cropping of rails etc. will be paid under relevant NS Item) complete with all standard fittings and fastenings on embankment, bridge, putting rails on sleepers, spreading sleepers ensuring correct spacing, gauge, alignments, longitudinal and cross level etc. and providing super elevation on curves etc. as per direction of Engineer-in-charge, complete in all respect on new/existing formation bridges including dressing of the top of formation up to 15 cm depth and dressing of newly laid ballast bed laid under relevant NS items of required cushion including katcha packing & required longitudinal and transverse grading with stone ballast to bring the track to fairly good geometry and final tolerances including greasing, oiling of fish plates and fish bolts & nuts, (including material like graphite, kerosene oil, black oil, grease etc to be arranged by the contractor at his own cost) with provision of correct expansion gaps according to the standard temperature prevailing at the time of linking as per special tender conditions and specifications as a complete job including in the existing line under running traffic conditions including leading, loading, unloading, handling, rehandling, manually or by road transport of all P.Way fittings , like plates, screws, MS bearing plates, spikes, fish plates, bolts & nuts, pendrol clips, rubber pads, liners etc. required for linking from SSE/JE/P.Way store at Hissar Station or any where in Hissar-Bhatinda section to the site of work including free leads of 500 mtr of single rail & PRC /wooden/metal sleepers with all lifts, ascents, descents or any other obstructions, handling/ crossing of bridges/ water logged areas/ track/ platforms, points etc from either sides of embankment in connection with linking of track.	Per Track KM	0.47	322922.38	151773.52
10	012280	NS:9:-Dismantling of existing track of 52kg/60kg/ 90R/75R rails with CST-9/Steel trough/Wooden / PRC sleepers etc. of any density including all fittings/ fastenings, complete all rails length, welded panel/ single rail section including cutting rails with hacksaw blades/ gas wherever required & stacking the released material within 500 mtr. free lead or as directed by the Engineer-in-charge with all fittings & fastenings as per direction of Engineer-in-charge including all lifts ,ascents, descends or any other obstruction, crossing of lines etc. as a complete job under running traffic conditions. (Lead beyond 500 mtr will be paid under relevant item.)	Per Track KM	0.07	137769.30	9643.85
					Total	2958092.86

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	TECHNICAL ELIGIBILITY CRITERIA: As a proof of technical experience/competence, the tenderer should have successfully at least one similar single work for a minimum value of 35% of advertised tender value, inclusive cost of cement and steel, in last Three Financial Years (i.e. Current year and Three Previous Years) up to the date of closing of the tender. The similar nature of work is defined as :- Civil Engineering Works like construction of Buildings /sheds/RCC OH Tanks/Structural steel works	No	No	Allowed (Mandatory)

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Similar nature of physically completed work within the qualifying period, i.e. last three financial years and current financial year (even though the work might have commenced before the qualifying period) should only be considered in evaluating the eligibility criteria.	No	No	Allowed (Mandatory)

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	FINANCIAL ELIGIBILITY CRITERIA: As a proof of sufficient financial capacity and organizational resources, contractor should have received the total payments against satisfactory execution of all completed/ongoing works of all types (not confined to only similar works) during the last three financial years and in the current financial year (upto the date of closing of the tender) of a value not less than 150% of the advertised cost of work including the cost of cement and steel.	No	No	Allowed (Mandatory)

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	For judging the Technical and financial capability only those works which had been executed for the Govt. or Semi Govt. organizations shall be considered and the tenderer will submit the certificate to this effect from the officer concerned duly signed under the official seal. It should be noted that credentials for the works executed for Private Organizations shall not be considered.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfil the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "documents supporting the claim of qualifying the laid down eligibility criteria", will be considered for evaluating his/their tender.	No	No	Allowed (Mandatory)

Submission of Affidavit

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please submit notarized affidavit on a non-judicial stamp paper in the prescribed format (please download format from the link given below) for verification / confirmation of the documents submitted for compliance of eligibility/qualifying criteria. Non submission of properly filled affidavit in the prescribed format shall lead to summary rejection of your offer. Click here to download the format for Affidavit	No	No	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderer shall upload all the documents in support of minimum eligibility criteria/credentials alongwith the tender offer. No documents in support of minimum eligibility/criteria/credentials will be considered /accepted/entertained after closing of tender and the decision will be taken based on the documents/credentials submitted by the tenderer alongwith offer only.	No	No	Allowed (Mandatory)
2	Tenderer will submit copy of partnership deed with Registration certificate of partnership firm alongwith offer (in case of partnership firm) . Tenderer will submit copy of Memorandum of Understanding and Article of Association in case of Company. Tenderer will have to submit copy of affidavit alongwith offer (in case of proprietorship)	No	No	Allowed (Mandatory)

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3	Payment of Earnest money deposit (EMD) and tender document cost (TDC) in respect of E-tendering will only be accepted through Netbanking and payment Gateway only. No other mode of payment except this will be accepted and any offer without the same will be treated as invalid. Details of bank account number and technical details have been provided for in the software (IREPS) to which prospective registered tenderers will have access at the time of tendering .	No	No	Allowed (Optional)
4	Tenderer will be required to upload the photocopies of the form 16A and 26AS duly attested by Chartered Accountant/Notary Public with seal thereon alongwith the offer.	No	No	Allowed (Mandatory)
5	Tenderer will be required to submit copy of partnership deed with Registration certificate of partnership firm alongwith offer (in case of partnership firm) . Tenderer will submit copy of Memorandum of Understanding and Article of Association in case of Company. Tenderer will submit copy of affidavit alongwith offer (in case of proprietorship) the tenderer/s who are constituents of firm, company association or society must necessarily upload the attested copies of the constitution of their concern, partnership deed and power of attorney along with their tender. Tender documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association or society as the case may be. The Co-operative societies must likewise submit a attested copy of their certificate of registration along with the documents as above mentioned.Partnership deed and power of attorney should be of proper stamp value as per the stamp act.	No	No	Allowed (Mandatory)
6	Tenderer will be required to submit undertaking that he/they are not blacklisted/debarred from any department of central Govt./state Govt. or any PSU.	No	No	Allowed (Mandatory)
7	Tenderer has to upload a copy of PAN card alongwith the offer.	No	No	Allowed (Mandatory)
8	Tenderer has to upload Bank account no. along with name of Bank & RTGS/IFSC Code.	No	No	Allowed (Mandatory)
9	The tenderer will have to upload an undertaking that I/We-----have read the various conditions to tender attached here to and hereby agree to abide by the said conditions. I/We also agree to keep this tender open for acceptance for a period of 45 (Forty five days from the date fixed for closing the same and in default thereof I/We will be liable for forfeiture of my/our earnest money. I/We offer to do this work for Railway Electrification at the rates offered by me and hereby bind myself/ourselves to complete the work in all respects with in 06 (Six) months from the date of issue of acceptance letter/telegrams	No	No	Allowed (Mandatory)
10	Tenderers will examine the various provisions of "The Central Goods and Services Tax Act, 2017(CGST)/Integrated Goods and Services Tax Act, 2017(IGST)/Union Territory Goods and Service Tax Act, 2017 (UTGST)/ respective state's state Goods and Services Tax Act (SGST) also" , as notified by Central/State Govt. & as amended from time to time and applicable taxes before bidding. Tenderers will ensure that full benefit of Input Tax Credit (ITC) likely to be availed by them is duly considered while quoting rates.	No	No	Allowed (Optional)
11	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	The Railway reserve the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the railway, make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification, by the railway shall not be relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the railway there under.	No	No	Not Allowed

**CORE-UMB-ENGINEERING/CORE
TENDER DOCUMENT**

Tender No: REUMBCIVIL-Gr193A-007-247

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2	In case of any wrong information submitted by tenderer, the contract shall be terminated, Earnest Money Deposit(EMD), Performance Guarantee(PG) and Security Deposit (SD) of contract forfeited and agency barred for doing business on entire Indian Railways for 5(five) years.	No	No	Not Allowed
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Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderer will be required to upload the proformas duly filled and signed as palced from annexure-C to annexure-J of special tender condition and instructions to tenderer which can be downloaded from the attached file of Tender conditions(File:REUMBCIVILGr-193A-007-247.pdf)	No	No	Allowed (Mandatory)
2	The tenderers shall submit a notarized affidavit on a non-judicial stamp paper stating that they are not liable to be disqualified and all their statements/documents submitted alongwith bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as annexure-A(can be downloaded from the attached file of Tender conditions(File:REUMBCIVILGr-193A-007-247.pdf).Non submission of an affidavit by the bidder shall result in summary rejection of his/their bid. And it shall be mandatorily incumbent upon the tenderer to identify, state and submit the supporting documents duly self attested by which they/he is qualifying the qualifying criteria mentioned in the Tender Document. It will not be obligatory on the part of Tender Committee to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned.	No	No	Allowed (Mandatory)
3	The tenderer shall submit along with the tender document, documents in support of his/their claim to fulfil the eligibility criteria as mentioned in the tender document. Each page of the copy of documents/certificates in support of credentials, submitted by the tenderer, shall be self-attested/digitally signed by the tenderer or authorized representative of the tendering firm. Self attestation shall include signature, stamp and date (on each page). Only those documents which are declared explicitly by the tenderer as "documents supporting the claim of qualifying the laid down eligibility criteria", will be considered for evaluating his/their tender.	No	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	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed
3	I/we understand that the Earnest Money and Tender document cost shall only be accepted through netbanking and payment gateway.No other mode of payment will be accepted.	No	No	Not Allowed
4	I/We am/are not entitled to any other payment on any account whatsoever except payable to me/us as per conditions of contract.	No	No	Not Allowed
5	I/we agree to abide by all the terms and conditions mentioned from page 01 to 79(Tender Condition file:REUMBCIVILGr-193A-007-247.pdf)in all as well as Regulation for tenders and contractor and General Conditions of Contract July, 2014, Indian Railways Unified Standard Specifications, 2010 (Engineering department) (Volume I & II) and the Unified standard schedule of rates 2010 of Northern Western Railway to the extent the later three books are applicable as corrected up to date.	No	No	Not Allowed
6	I understand that until a formal agreement is prepared and executed acceptance of the tender shall constitute a binding contract between us subject to modification, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
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**CORE-UMB-ENGINEERING/CORE
TENDER DOCUMENT**

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1	REUMBCIVILGr-193A-007-247.pdf	Tender Condition File
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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.

Signed By: HARGIYAN SINGH

Designation : XENRE-ROK