

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

DRM/Engineering acting for and on behalf of The President of India invites E-Tenders against Tender No **73-26-27** 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

Name of Work	Provision of quick watering arrangement system/facilities (i.e. Construction of 225 KL RCC OH Tank with pipe connection and other ancillary works) at Suratgarh Station on Platform Nos. 1,2,3 & 4 under jurisdiction of ADEN/Suratgarh (Balance Work).		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	06/07/2026 15:00	Date Time Of Uploading Tender	15/06/2026 11:49
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	17422734.80	Tendering Section	WEST
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	348500.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	22/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-CPWD DSR-2021 Items							14923686.20	Above/ Below/P ar
1	Please see Item Breakup for details.				842560.01	(-) 38.00	522387.21	
	Description:- All items of "Chapter 04: Concrete Work items of CPWD DSR-2021 (Amended up to date).							
2	Please see Item Breakup for details.				8815565.10	(-) 38.00	5465650.36	
	Description:- All items of "Chapter 05: Reinforced Cement Concrete items of CPWD DSR-2021 (Amended up to date).							
3	Please see Item Breakup for details.				1918064.39	(-) 38.00	1189199.92	
	Description:- All items of "Chapter 06: Masonry Work items of CPWD DSR-2021 (Amended up to date)							
4	Please see Item Breakup for details.				733307.99	(-) 38.00	454650.95	
	Description:- All items of "Chapter 10: Steel Work items of CPWD DSR-2021 (Amended up to date).							
5	Please see Item Breakup for details.				469245.90	(-) 38.00	290932.46	
	Description:- All items of "Chapter 11: Flooring items of CPWD DSR-2021 (Amended up to date).							
6	Please see Item Breakup for details.				680085.25	(-) 38.00	421652.86	
	Description:- All items of "Chapter 13: Finishing items of CPWD DSR-2021 (Amended up to date).							
7	Please see Item Breakup for details.				200447.50	(-) 38.00	124277.45	
	Description:- All items of "Chapter 15: Dismantling and Demolishing items of CPWD DSR-2021 (Amended up to date).							
8	Please see Item Breakup for details.				8100607.45	(-) 38.00	5022376.62	
	Description:- All items of "Chapter 18: Water Supply items of CPWD DSR-2021 (Amended up to date).							
9	Please see Item Breakup for details.				2310578.02	(-) 38.00	1432558.37	

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

Description:- All items of "All other chapters of CPWD DSR-2021" except above of CPWD DSR-2021 (Amended up to date).								
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () B-Non Schedule Items							2499048.60	Above/ Below/ Par
3	NS3	45.00	cum	6536.95	294162.75	AT Par	294162.75	
	Description:- Reinforced cement concrete M-25 grade or higher mix concrete mix design (1:1:2) (1 Cement : 1 coarse sand : 2 stone chips 20mm and down gauge) cast in situ circular ring beam, bottom dome, conical slab, middle dome beam, top dome beam, tank wall, top dome , ventilator, post & slab on top balcony etc. as per approved plan for all heights including providing and fixing clamps for G.I. pipes and holes for pipes, manhole cover, top ventilators and also providing and fixing 50mm dia. For clamping pipe in circulating tank and providing and fixing 100mm dia. G.I. pipe to indicate full water level according to approved plan including making, fixing arrangement for ladders, railing and lightening conductor including cost of mechanical mixing, compaction of concrete, centering, shuttering and scaffolding complete. (Excluding steel reinforcement and cement only). Nothing shall be paid extra on any account. Note:- Cement and reinforcement required will be paid separately under NS/10 & relevant item of DSR CPWD-2021 item respectively.							
4	NS4	10.00	Quintal	6010.73	60107.30	AT Par	60107.30	
	Description:- Providing & Fixing in position fabricated iron and G.I. pipes 20mm dia. in railing of stair case, landing, landing platform, balcony around manhole steel ladders including all fabrications such as plates, rounds, squares, angles plates including cost for cutting bending, notching, hooking, welding, revetting etc. as per approved plan for all heights including cost of priming coat of red lead and painting two coats with synthetic enamel paint of approved quality and shed on ladder inside the tank including all labour and material as a complete job. Ladder inside the tank will also be made.							
5	NS5	1.00	Each	1210.34	1210.34	AT Par	1210.34	
	Description:- Providing and fixing man hole cover on top dome with 3mm thick M.S. plate 1010mm dia. Including welding with 40 x 5mm M.S. flats with lifting hooks including M.S. angle 40 x 40 x 5mm with 10mm dia bolt as per approved plan including cost of primary coat of red lead and painting of two coats of synthetic enamel paint of approved quality and shed with all labour and material as a complete job. Nothing shall be paid extra on any account.							
6	NS6	1.00	Each	1375.64	1375.64	AT Par	1375.64	
	Description:- Supplying and fixing water level indicator with floats teak wood gauge beam, pulling wire etc. as per approved plan for all heights and depth with all labour and material as a complete job, to the entire satisfaction of Engineer-in-charge. Nothing shall be paid extra on any account.							
7	NS7	1.00	Each	1717.16	1717.16	AT Par	1717.16	
	Description:- Providing and fixing lightening conductor of 25mm x 3 mm copper strips with 300mm projection including fixing to the center of the top cover slab of the ventilators with aluminium down conductor in accordance with I.S. specification 2309-1969 with earthing at depth of 1.00 Mtr. Below ground level in accordance with IS specifications including all heights, all labour and material as a complete job to the entire satisfaction of Engineer-in- charge.							
8	NS8	1.00	Each	1202.14	1202.14	AT Par	1202.14	
	Description:- Providing and fixing internal top ventilators in the center of the top dome with 6 Nos. of angle iron frame of 30 x 30 x 5mm angle iron fixed to the top dom and columns with 6 nos. Of 6 mm dia anchor rod 270mm long in each puddle for providing and fixing expended metal and 20mm x 60mm stands 3.25mm wide and 1.6mm thick and mosquito proof galvanized M.S. wire mesh of 100 gauge with wire of 0.60mm and two coats of synthetic enamel paint of approved quality and shed including one priming coat of red lead as a complete job to the entire satisfaction of Engineer-in-charge.							
9	NS9	250.00	Sqm	34.15	8537.50	AT Par	8537.50	
	Description:- Plaster 8 mm thick in cement mortar 1:2 (1 cement : 2 coarse sand) inside over head tank including providing and fixing water proofing compound of approved quality at the rate of 3% of cement by weight or as directed by the Engineer-in- charge with all labour and material as a complete job to the entire satisfaction of Engineer-in- charge.							
10	NS10	29.51	MT	4582.71	135235.77	AT Par	135235.77	

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	Description:- Supply and using OPC cement grade43/53 confirming to I.S.8112 orIS:12269 against SOR/NS items as per cement consumption factor the rates shall be inclusive of all loading and un-loading the cement into SE/Works godown/ at site with contractor's own labour, machinery, transportation, required for this job including all lead, lift, ascent, descent crossing of nallah, streams and all other obstructions including all taxes cost for cement testing etc. as a complete job. Nothing extra shall be paid on any account. Note :- The rates quoted for OPC. Sectional DENS at their discretion may permit use of Portland Pozzolana Cement as per IS: 1489 (Pt.I)/1991 in place of ordinary Portland Cement (OPC) for which 10% deduction will be made from the accepted rates.						
11	NS11A	4.00	Numbers	138500.00	554000.00	AT Par	554000.00
	Description:- Supply, Installation, Testing and Commissioning for RTU's (Remote terminal unit) on Existing Tube-well/Submersible Pump capable of monitoring electrical parameters/sensors parameters and also have control capability through internet cloud computing (without any requirement of software installation) as per ISS & IE rules and technical specification, Also integrated with existing valve automation web portal under NWR.(A) RTU 1x1, Make ABB, Motorola, Siemens, Worgs. Constellation, RLT.						
12	NS12A	8.00	Numbers	112000.00	896000.00	AT Par	896000.00
	Description:- Supply, Installation, Testing and Commissioning of Electrical Operated Butterfly/Sluice Valves and integration with RTU, Make Cair, IVC, Kirloskar, Honeywell, SIGMA, AUMA ROTORK. (A) 50 mm/65 mm / 100mm/150mm/200mm.						
13	NS12B	8.00	Numbers	43500.00	348000.00	AT Par	348000.00
	Description:- Supply, Installation, Testing and Commissioning of Electrical Operated Butterfly/Sluice Valves and integration with RTU, Make Cair, IVC, Kirloskar, Honeywell, SIGMA, AUMA ROTORK. (B) Valve actuator Unit inbuilt with valves RTU for push on/off facilities. Make AUMA, ROTORK, CAIR, Kirloskar.						
14	NS12C	8.00	Numbers	5000.00	40000.00	AT Par	40000.00
	Description:- Supply, Installation, Testing and Commissioning of Electrical Operated Butterfly/Sluice Valves and integration with RTU, Make Cair, IVC, Kirloskar, Honeywell, SIGMA, AUMA ROTORK. (C) Valve actuator Unit Installation- Excavation, civil/brick work for protection and maintenance, welding with gaskets along with erection items etc as per site requirement(s).						
15	NS13	4.00	Set	18000.00	72000.00	AT Par	72000.00
	Description:- Supply, Installation, Fixing and Commissioning of Sheet Metal Canopy for Valves/RTU (Out Door) as per sites requirement.						
16	NS14	4.00	Set	1875.00	7500.00	AT Par	7500.00
	Description:- Supply, Installation and Commissioning of MCB with Enclosure as per site requirement. Make Schneider, ABB, Havells, Hager Etc.						
17	NS15	80.00	Set	95.00	7600.00	AT Par	7600.00
	Description:- Supply, Installation and Commissioning of Power Wiring-1.0 sqmm x 4 Core Flexible Copper Cable. Make RR Kabel, Havells, Polycab, Finolex Etc.						
18	NS16	80.00	Set	180.00	14400.00	AT Par	14400.00
	Description:- Supply, Installation and Commissioning of Wiring-1.0 sqmm x 6 Core Flexible Copper Cable. Make RR Kabel, Havells, Polycab, Finolex Etc.						
19	NS17	4.00	Year	14000.00	56000.00	AT Par	56000.00
	Description:- Annual Subscription Intelligent. Field Devices and Communication charges for with unlimited role based access from Anywhere over internet Browser for Monitoring Reports, Alerts, Administration, Control etc. Data storage and 24x7 TIER III Hosted Data Centre Management, SIM Charges, SMS based Alerts and Control, Daily Automated Reports and Unlimited Department Access.						

3. ITEM BREAKUP

Schedule	Schedule A-CPWD DSR-2021 Items						
Item- 1	All items of "Chapter 04: Concrete Work items of CPWD DSR-2021 (Amended up to date).						
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount	
	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 :					
1	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	86.67	6833.4	592250.78	

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

2	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	34.89	6326.05	220715.88
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :				
3	4.3.1	Foundations, footings, bases for columns	Sqm	10	307.95	3079.5
	4.10S	DAMP-PROOF COURSE				
4	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	6	370.85	2225.1
5	4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	Per bag of cement of 50kg	425	57.15	24288.75
					Total	842560.01
Item- 2	All items of "Chapter 05: Reinforced Cement Concrete items of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	5.0	REINFORCED CEMENT CONCRETE				
	5.1S	CAST IN SITU				
	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
1	5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	500	8364.2	4182100
	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
2	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	cum	5	10185.05	50925.25
3	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	cum	12.5	10719.3	133991.25
	5.9S	FORM WORK				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
4	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	10	307.95	3079.5
5	5.9.2	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	Sqm	2160	669.55	1446228
6	5.9.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	65	766.55	49825.75

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

7	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	Sqm	86	608.35	52318.1
	5.12S	PRE-CAST RCC				
	5.18	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 6mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete, excluding plastering of the jambs, sills and soffits.				
8	5.18.1	50 mm thick	Sqm	10	1580.9	15809
	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.				
9	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	10052.61	89.65	901216.49
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
10	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	22086.69	89.65	1980071.76
					Total	8815565.10
Item- 3	All items of "Chapter 06: Masonry Work items of CPWD DSR-2021 (Amended up to date)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	6.0	MASONRY WORK				
	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
1	6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	40	6882	275280
2	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	60	6658.25	399495
	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 :				
3	6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	116.85	8512.1	994638.89
4	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	cum	30	8288.35	248650.5
					Total	1918064.39
Item- 4	All items of "Chapter 10: Steel Work items of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	10.0	STEEL WORK				
	10.25	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
1	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	3313.3	142.3	471482.59

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

2	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, i/c 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	400	612.25	244900
	10.30	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with :				
3	10.30.1	4.0 mm thick glass panes (weight not less than 10 kg/sqm)	Sqm	18	940.3	16925.4
					Total	733307.99
Item- 5	All items of "Chapter 11: Flooring items of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	11.0	FLOORING				
	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.				
1	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sqm	115	545	62675
	11.16S	TILE FLOORING				
	11.16	Precast terrazo tiles 22 mm thick with graded marble chips of size upto 12 mm, laid in floors, and landings, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement:4 coarse sand) :				
2	11.16.4	Ordinary cement without any pigment	Sqm	65	1163.2	75608
	11.20	Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).				
3	11.20.3	Dark shade pigment using ordinary cement	Sqm	100	983.95	98395
	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) :				
4	11.26.1	25 mm thick	Sqm	40	1706.6	68264
5	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	Sqm	35	2038.55	71349.25
	11.28S	SAND STONE FLOORING				

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

6	11.32	Extra for Kota stone/ sand stone in treads of steps and risers using single length up to 1.05 metre.	Sqm	24	36.35	872.4
	11.41S	VITRIFIED FLOOR TILES				
	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm 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., complete.				
7	11.41.2	Size of Tile 600x600 mm	Sqm	65	1416.65	92082.25
					Total	469245.90
Item- 6	All items of "Chapter 13: Finishing items of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	13.0	FINISHING				
	13.4S	CEMENT PLASTER (IN COARSE SAND)				
	13.4	12 mm cement plaster of mix :				
1	13.4.2	1:6 (1 cement: 6 coarse sand)	Sqm	125	294.35	36793.75
	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				
2	13.5.2	1:6 (1 cement: 6 coarse sand)	Sqm	175	339.1	59342.5
	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :				
3	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	2000	162.55	325100
	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
4	13.43.1	Water thinnable cement primer	Sqm	1500	64.45	96675
	13.44S	EXTERIOR FINISHING				
	13.44	Finishing walls with water proofing cement paint of required shade :				
5	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	Sqm	1500	97.6	146400
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
6	13.61.1	Two or more coats on new work	Sqm	120	131.45	15774
					Total	680085.25
Item- 7	All items of "Chapter 15: Dismantling and Demolishing items of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	15.0	DISMANTLING AND DEMOLISHING				
1	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	10	2928.1	29281
2	15.5	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	Sqm	20	947.1	18942

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
3	15.7.4	In cement mortar	cum	40	1698.45	67938
4	15.19	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	12000	3.2	38400
5	15.20	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional span of one metre or part thereof beyond 10 metres	kg per metre span	12000	.7	8400
6	15.21	Extra for dismantling trusses, rafters, purlins etc. of steel work for every additional height of one metre or part thereof beyond 5 metres.	kg per metre height	12000	.7	8400
	15.53	Dismantling of C.I. sluice valve including stacking of useful materials within a lead of 50 metres				
7	15.53.1	Up to 150 mm diameter	Each	10	264.65	2646.5
8	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	100	45.05	4505
9	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	cum	100	219.35	21935
					Total	200447.50
Item- 8	All items of "Chapter 18: Water Supply items of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	18.0	WATER SUPPLY				
	18.4S	PP-R PIPES				
	18.6	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes confirming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge. -External work				
1	18.6.8	PN - 10 Pipe, 90 mm OD (SDR-11)	Metre	250	1223.9	305975
2	18.6.9	PN - 10 Pipe, 110 mm OD (SDR-11)	Metre	150	1689.5	253425
	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				
3	18.12.8	80 mm dia nominal bore	Metre	60	919.1	55146
	18.15S	BRASS FITTINGS				
	18.15	Providing and fixing brass bib cock of approved quality :				
4	18.15.1	15 mm nominal bore	Each	15	303.85	4557.75
	18.16	Providing and fixing brass stop cock of approved quality :				
5	18.16.1	15 mm nominal bore	Each	10	303.85	3038.5
	18.31S	C.I. SLUICE VALVES/ FIRE HYDRANTS & FIXTURES				

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	18.31	Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) :				
	18.31.1	100 mm diameter				
6	18.31.1.1	Class I	Each	8	4097.9	32783.2
	18.31.2	125 mm diameter				
7	18.31.2.1	Class I	Each	4	4417.35	17669.4
	18.31.3	150 mm diameter				
8	18.31.3.1	Class I	Each	8	5980.45	47843.6
	18.31.4	200 mm diameter				
9	18.31.4.1	Class I	Each	5	11609.5	58047.5
	18.49S	C.P. BRASS FITTINGS				
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :				
10	18.49.1	15 mm nominal bore	Each	20	434.2	8684
	18.59S	AIR VALVE & WATER METER (BULK TYPE)				
	18.60	Providing and fixing enclosed type water meter (bulk type) conforming to IS : 2373 and tested by Municipal Board complete with bolts, nuts, rubber insertions etc. (The tail pieces if required will be paid separately) :				
11	18.60.3	150 mm dia nominal bore	Each	2	7357.35	14714.7
	18.66	Providing and laying S&S C.I. Standard specials such as tees, bends, collars tapers and caps etc, suitable for flanged jointing as per IS : 1538 :				
12	18.66.1	Up to 300 mm dia	Quintal	12	7509.4	90112.8
	18.73	Providing and laying Double Flanged (Screwed/ Welded) Centrifugally (Spun) Ductile Iron Pipes of Class K - 9 conforming to IS : 8329 :				
13	18.73.1	100 mm dia Ductile Iron Double Flanged	Metre	75	1541.6	115620
14	18.73.2	150 mm dia Ductile Iron Double Flanged	Metre	225	2312.9	520402.5
15	18.73.3	200 mm dia Ductile Iron Double Flanged	Metre	2250	2921.15	6572587.5
					Total	8100607.45
Item- 9	All items of "All other chapters of CPWD DSR-2021" except above of CPWD DSR-2021 (Amended up to date).					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
	1.0	CARRIAGE OF MATERIALS				
	1.1	By Mechanical Transport including loading,unloading and stacking				
	1.1.11	Steel				
1	1.1.11.1	1km	Tonne	15	128.28	1924.2
2	1.1.11.2	2km	Tonne	15	145.05	2175.75
3	1.1.11.3	3km	Tonne	15	161.64	2424.6
4	1.1.11.4	4km	Tonne	15	177.57	2663.55
5	1.1.11.5	5km	Tonne	15	193.03	2895.45
6	1.1.11.6	Beyond 5 km upto 10 km per km	tonne-Km	15	13.76	206.4
7	1.1.11.7	Beyond 10 km upto 20 km per km	tonne-Km	15	11.22	168.3
8	1.1.11.8	Beyond 20 km per addl. km	tonne-Km	15	9.05	135.75
	2.0	EARTH WORK				

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	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 lift upto 1.5 m, as directed by Engineer-in-charge.				
9	2.6.1	All kinds of soil	cum	296.6	205.45	60936.47
	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, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
10	2.8.1	All kinds of soil.	cum	78.74	286.85	22586.57
11	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	125	253.95	31743.75
12	2.25A	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	cum	100	368.65	36865
13	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	4500	14.5	65250
	2.33	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.				
14	2.33.1	Beyond 30 cm girth upto and including 60 cm girth	Each	5	439.25	2196.25
15	2.33.2	Beyond 60 cm girth upto and including 120 cm girth	Each	5	1957.15	9785.75
	2.35	Diluting and injecting chemical emulsion for POST-CONSTRUCTION anti-termite treatment (excluding the cost of chemical emulsion) :				
	2.35.4	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :				
16	2.35.4.1	With Chlorpyriphos E.C. 20% with 1% concentration	Metre	200	35.75	7150
17	2.36	Extra for levelling & neatly dressing of disposed soil completely as directed by Engineer-in-charge.	cum	65	76.7	4985.5
	8.0	CLADDING WORK				

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.				
	8.2.3	Granite stone slab of all colour and texture except black, Cherry/Ruby red				
18	8.2.3.1	Area of slab upto 0.50 sqm	Sqm	4	3555.45	14221.8
19	8.2.3.2	Area of slab over 0.50 sqm	Sqm	4	3301.45	13205.8
20	8.4	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	Metre	10	475.55	4755.5
21	8.5	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	2	808.15	1616.3
	8.205	STONE WORK DRY CLADDING				
	8.26	Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood Pre-laminated one side decorative lamination and other side balancing lamination Grade I, Type II, IS : 12823 marked, including priming coat on unexposed arrangement and screws etc. complete :				
22	8.26.1	12 mm thick	Sqm	20	1216.35	24327
23	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	150	1063.45	159517.5
	9.0	WOOD AND P.V.C. WORK				
	9.16	Providing and fixing 25 mm thick shutters for cup board etc. :				
	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
24	9.21.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	12	2015.75	24189

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	9.27	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
	9.27.2	30 mm thick shutters				
	9.27.2.1	with ISI marked M.S. pressed butt hinges bright finished of required size				
25	9.27.2.1.2	Kiln seasoned and chemically treated hollock wood	Sqm	10	2834.6	28346
	9.57S	COPER OXIDISED MILD STEEL FITTINGS (COPPER OXIDISED AS PER IS: 1378)				
	9.62	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : (copper oxidized as per IS: 1378)				
26	9.62.2	250x16 mm	Each	40	165.9	6636
	9.63	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : (copper oxidized as per IS: 1378)				
27	9.63.3	150x10 mm	Each	40	53.05	2122
	9.66	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : (copper oxidized as per IS: 1378)				
28	9.66.2	100 mm	Each	4	28.25	113
	9.72S	BRASS FITTINGS				
29	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	40	856.3	34252
	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 :				
30	9.96.2	250x16 mm	Each	50	234.9	11745
	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 :				
31	9.97.2	250x10 mm	Each	50	104.4	5220
	9.101	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.				
32	9.101.1	Single rubber stopper	Each	180	35.5	6390
33	9.104	Providing and fixing aluminium tee channels (heavy duty) with rollers & stop end in pelmets as curtain rod.	Metre	10	139.7	1397
	9.105S	GYPSON BOARD PARTITIONS				

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	9.127	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
34	9.127.2	1.0 mm thick	Sqm	25	764	19100
35	9.129	Providing and fixing cup board shutters 25 mm thick, with Pre-laminated flat pressed three layer particle board or graded wood particle board IS: 12823 marked, exterior grade (Grade I Type II), having one side decorative lamination and other side balancing lamination, including IInd class teak wood lipping of 25 mm wide x12 mm thick with necessary screws and bright finished stainless steel piano hinges, complete as per direction of the Engineer-in-Charge	Sqm	20	1982.7	39654
	12.0	ROOFING				
	12.1S	SHEET ROOFING				
	12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
36	12.21.1	In 75x75 mm deep chase	Metre	10	260.2	2602
	12.23	Providing sand stone slab for roofing and laying them in cement mortar 1 : 4 (1 cement : 4 coarse sand) over wooden karries or R.C.C. battens or structural steel sections (Karries or battens or structural steel sections to be paid separately), including pointing the ceiling joints with cement mortar 1:3 (1 cement : 3 fine sand) complete :				
	12.23.1	Red sand stone slab				
37	12.23.1.1	40 to 50 mm thick	Sqm	10	907.95	9079.5
	12.40	Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately):				
	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.				
38	12.41.2	110 mm diameter	Metre	30	319.75	9592.5
	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.				
	12.42.5	Bend 87.5 degrees				
39	12.42.5.2	110 mm bend	Each	10	132	1320
	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.				
40	12.43.2	110 mm	Each	10	309.5	3095

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	14.0	REPAIRS TO BUILDING				
	14.75AS	ROUTINE MAINTENANCE WORK				
41	14.78	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i)Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	Sqm	1200	71.3	85560
	16.0	ROAD WORK				
	16.49S	MISCELLANEOUS				
42	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	100	951	95100
	16.91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
43	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	95	1011.2	96064
	17.0	SANITARY INSTALLATIONS				
	17.10	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :				
	17.10.1	Kitchen sink with drain board				
44	17.10.1.1	510x1040 mm bowl depth 250 mm	Each	2	6008.45	12016.9
	17.25	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :				
45	17.25.5	Flat back wash basin of size 450x300 mm	Each	4	554.2	2216.8
	19.0	DRAINAGE				

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	19.4	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:				
	19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
46	19.6.2	150 mm dia. R.C.C. pipe	Metre	40	493.1	19724
47	19.6.5	450 mm dia. R.C.C. pipe	Metre	40	1481.55	59262
	22.0	WATER PROOFING				
	22.14	Grading roof for water proofing treatment with				
48	22.14.1	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	cum	12.5	7510.75	93884.38
	23.0	RAIN WATER HARVESTING & TUBEWELLS				
	23.1	Boring/drilling bore well of required dia for casing/ strainer 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 & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.				
	23.1.1	All types of soil				
49	23.1.1.1	300 mm dia	Metre	70	592.05	41443.5
	23.2	Boring/drilling bore well of required dia for casing/ strainer 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 & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer -in-charge, beyond 90 metre & upto 150 metre depth below ground level.				
	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.				
50	23.3.3	200 mm nominal size dia	Metre	55	951.95	52357.25
	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.				
51	23.4.3	200 mm nominal size dia	Metre	40	1099.25	43970
52	23.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	cum	12	1479.25	17751

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

53	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, i/c 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	30	916.8	27504
	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:				
54	23.13.3	200 mm dia	Each	2	280.95	561.9
	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).				
55	23.15.3	200 mm dia	Each	2	308.55	617.1
	26.0	NEW TECHNOLOGIES AND MATERIALS				
	26.28S	REPAIR AND REHABILITATION ITEMS				
	26.28	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge				
56	26.28.1	75mm average thickness	Sqm	225	311.95	70188.75
57	26.28.2	50mm average thickness	Sqm	225	211.55	47598.75
58	26.28.3	25 mm average thickness	Sqm	225	104.6	23535
	26.29	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge.				
59	26.29.1	Bars upto 12 mm diameter	Metre	1000	6.65	6650
60	26.29.2	Bars above 12 mm diameter	Metre	1500	13.35	20025
	26.30	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.				
61	26.30.1	Upto and including 12mm dia.	Each	425	121.95	51828.75

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

	26.31	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect.				
62	26.31.2	Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	Sqm	725	390.45	283076.25
	26.38	Shotcreting R.C.C. columns, beams and slabs etc. in layers with approved design mix concrete having the specified minimum characteristic compressive strength [with ordinary portland cement, coarse sand and graded stone aggregate of 10 mm maximum size in proportion as per design criteria] including the cost of centering and shuttering at edges and corners etc. as directed by Engineer- in-Charge				
63	26.38.2	50mm thick in Grade M 25 with cement content not less than 330 kg per cum	Sqm	450	1073.45	483052.5
					Total	2310578.02

4. ELIGIBILITY CONDITIONS

Standard Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	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. Note :- (i) For Joint Venture (JV): The tenderer shall submit credentials as mentioned in Clause 17 of GCC April 2022 (Amended upto date). (ii) In case, date of tender inviting is on or after date of statutory deadline for audit of balance sheet of previous Financial Year (i.e. 30th Sept. or as further extended for this FY), audited balance sheet of 4th previous year shall not be considered unless concerned CA certifies that balance sheet is not audited yet as on date of invitation of this tender.	No	No	Allowed (Mandatory)

Standard Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (a) Three similar works costing not less than the amount equal to 30% of advertised value of the tender, or (b) Two similar works costing not less than the amount equal to 40% of advertised value of the tender, or (c) One similar work costing not less than the amount equal to 60% of advertised value of the tender. Note :- For Joint Venture (JV): The tenderer shall submit credentials as mentioned in Clause 17 of GCC April 2022 (Amended upto date).	No	No	Allowed (Mandatory)
1.1	Defination of Similar Work :- Construction of RCC Overhead tank or RCC framed construction	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.

**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

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

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

S.No.	Description
1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. 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. (Click here to download the Format of Self Certification)

5. COMPLIANCE

Commercial-Compliance

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

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
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**BIKANER DIVISION-ENGINEERING/NORTH WESTERN RLY
TENDER DOCUMENT**

Tender No: 73-26-27

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

1	Notes- 1). The quantities and cost mentioned above are rough and only for guidance and may vary according to needs of the railways and variation there of May extent will not be the basis of any claims against the Railway. 2). The work shall be carried out as per CPWD DSR-2021 & Non-Schedule items (Amended up to date). 3). The rates should be inclusive of all charges such as tools and plants and all cost of labour & material, taxes, GST etc. Extra payment what so ever on any account will not be payable to the contractor. 4). Contractor/ suppliers/ service providers/ parties shall register their firms under EPFO & GSTIN (GST Identification Number). 5). The contract shall be governed under General Condition of contract and instructions to tenderer-2022 (Amended up to date). 6). The Railway Administration will not be responsible for the safety of contractor's labour engaged for this work. 7). The contractor shall make his own arrangements for men, tools, labour etc. required for the work at his own cost.	No	No	Not Allowed
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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

Custom

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderers shall submit a copy of certificate as detailed in related Para no. 11(vii) of General Condition as Annexure-A-1 and Annexure -A-1A. Performa of certificate is enclosed in general condition.	No	No	Allowed (Mandatory)
2	The tenderer shall submit copy regarding status of firm i.e. sole proprietorship, partnership, Company, Society/Trust etc. and also submit a power of attorney as detailed in related Para no. 13 of General Condition.	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	GCC-2022-uptoACS104.3.25.pdf	GCC April 2022 upto ACS10 updated
2	GCCACS11_compressed.pdf	Correction slip no.11of GCC 2022
3	Generalcondition01.04.26From01-26-27_compressed.pdf	General Condition
4	Provisionofquickwateringarrangementsystem.pdf	Special Conditions for NS Items

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: DEVKISHAN KUMHAR

Designation : Sr.DENWest