

**WDFC FIELD UNIT-AJMER-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: All-EN-WDFC-SWSP-BGMN-23

Closing Date/Time: 15/03/2023 15:00

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No **All-EN-WDFC-SWSP-BGMN-23** Closing Date/Time 15/03/2023 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 drainage system including manhole for resolving water logging problems of RUBs, construction of ERS at RUB-01, MIB at SDHN and miscellaneous ancillary civil work from DFCCIL Km 1050.926 to 884.00 in the jurisdiction of GM/Co. WDFC Ajmer.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	15/03/2023 15:00	Date Time Of Uploading Tender	20/02/2023 18:09
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	64115355.38	Tendering Section	TENDER
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	470600.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	01/03/2023	Are Joint Venture (JV) firms allowed to bid	No
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 2018							59547205.38	
1	Please see Item Breakup for details.				3029621.00	AT Par	3029621.00	
	Description:- 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.							
2	Please see Item Breakup for details.				1358652.50	AT Par	1358652.50	
	Description:- 2.9 Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m 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 soils as directed, within a lead of 50 m.							
3	Please see Item Breakup for details.				1165630.00	AT Par	1165630.00	
	Description:- 2.10 Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :							
4	211	2050.00	Metre	722.12	1480346.00	AT Par	1480346.00	
	Description:- 2.11 Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5 m, but not exceeding 3 m. (Rate is over corresponding basic item for depth upto 1.5 metre).							
5	212	2050.00	Metre	1791.37	3672317.31	AT Par	3672317.31	
	Description:- 2.12 Extra for excavating trenches for pipes, cables, etc, in all kinds of soil for depth exceeding 3 m in depth, but not exceeding 4.5 m. (Rate is over corresponding basic item for depth upto 1.5 metre.)							
6	21333	300.00	Metre	1780.00	534000.00	AT Par	534000.00	
	Description:- 2.13.3.3 Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm (blasting prohibited)							
7	225	3000.00	cum	219.65	658950.00	AT Par	658950.00	
	Description:- 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.							
8	412	300.00	cum	7210.55	2163165.00	AT Par	2163165.00	
	Description:- 4.1.2 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)							
9	415	300.00	cum	6259.10	1877730.00	AT Par	1877730.00	
	Description:- 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)"							

**WDFC FIELD UNIT-AJMER-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: All-EN-WDFC-SWSP-BGMN-23

Closing Date/Time: 15/03/2023 15:00

10	Please see Item Breakup for details.			7653420.00	AT Par	7653420.00	
	Description:- 4.3 Centering and shuttering including strutting, propping etc. and removal of form work for:						
11	Please see Item Breakup for details.			26259124.50	AT Par	26259124.50	
	Description:- 4.20 "Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. Note : 1) Excess/less cement used than specified in this item is payable/recoverable separately."						
12	Please see Item Breakup for details.			187205.00	AT Par	187205.00	
	Description:- 5.9 Centering and shuttering including strutting, propping etc. and removal of form for :						
13	5226	28800.00	Kg	83.50	2404800.00	AT Par	2404800.00
	Description:- Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.						
14	Please see Item Breakup for details.			2343384.00	AT Par	2343384.00	
	Description:- Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works upto plinth level.						
15	535	288.00	Quintal	688.45	198273.60	AT Par	198273.60
	Description:- Add for using extra cement in the items of design mix over and above the specified cement content therein.						
16	102	5000.00	Kg	101.75	508750.00	AT Par	508750.00
	Description:- Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.						
17	Please see Item Breakup for details.			1952010.00	AT Par	1952010.00	
	Description:- Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.						
18	161	800.00	Sqm	156.75	125400.00	AT Par	125400.00
	Description:- Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.						
19	16310	500.00	cum	807.80	403900.00	AT Par	403900.00
	Description:- Supplying and stacking at site. Moorum						
20	16461	8800.00	per cm depth/cm width /100 m length	3.30	29040.00	AT Par	29040.00
	Description:- Providing and laying in position bitumen hot sealing compound for expansion joints etc. Using grade 'A' sealing compound. (Note:- Unit for this item is per cm depth, per cm width, per meter length)						
21	1675	372.00	cum	8663.05	3222654.60	AT Par	3222654.60
	Description:- "Providing and laying C.C. pavement of mix M-25 with ready mixed concrete from batching plant. The ready mixed concrete shall be laid and finished with screed board vibrator , vacuum dewatering process and finally finished by floating, brooming with wire brush etc. complete as per specifications and directions of Engineer-incharge. (The panel shuttering work shall be paid for separately). (Note:- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/ recoverable separately). With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30"						
22	16781	300.00	cum	2517.70	755310.00	AT Par	755310.00
	Description:- "Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge." With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30						
	16911	1000.00	Sqm	884.75	884750.00	AT Par	884750.00

**WDFC FIELD UNIT-AJMER-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: All-EN-WDFC-SWSP-BGMN-23

Closing Date/Time: 15/03/2023 15:00

23	Description:- 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. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.						
24	Please see Item Breakup for details.		6353095.00	AT Par	6353095.00		
24	Description:- Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete						
25	LAR	1.00	Job	-12702151.23	-12702151.23	AT Par	-12702151.23
25	Description:- Net below rate 18.35% as per LAR on DSR item.						
26	GST	1.00	Job	3027828.10	3027828.10	AT Par	3027828.10
26	Description:- Add for GST Compensation for change 12% to 18% (NWR Circular No.NWR/HQ/S&C/W.444106888 dated 26.08.22)						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-NS							4568150.00	
1	1	100.00	Each	17630.00	1763000.00	AT Par	1763000.00	
1	Description:- Supplying and laying in position RCC conical Man hole dia 1500 mm and height 1200mm with circular cover of 500mm dia and drop down steps. in accordance to IS code. The rate includes cost of all material,C&P ,T&P, finishing of joints etc. . The rate also includes Xing of track, lead, lift, ascent ,descent, or any other obstruction to be metwith during execution as acomplete job,							
2	2	300.00	Each	4711.00	1413300.00	AT Par	1413300.00	
2	Description:- Supplying and laying in position RCC ring 1500x125x300 mm for man hole including drop down steps. in accordance to IS code. The rate includes cost of all material,C&P ,T&P, finishing of joints etc. . The rate also includes Xing of track, lead, lift, ascent ,descent, or any other obstruction to be metwith during execution as acomplete job,							
3	3	150.00	Each	9279.00	1391850.00	AT Par	1391850.00	
3	Description:- Supplying and laying in position RCC ring 1500x125x600 mm for man hole including drop down steps. in accordance to IS code. The rate includes cost of all material,C&P ,T&P, finishing of joints etc. . The rate also includes Xing of track, lead, lift, ascent ,descent, or any other obstruction to be metwith during execution as acomplete job,							

3. ITEM BREAKUP

Schedule	Schedule A-CPWD DSR 2018								
Item- 1	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.								
S No.	Item No	Description of Item				Unit	Qty	Rate	Amount
1	26	2.6.1 All kinds of soil				cum	16660.00	181.85	3029621.00
							Total	3029621.00	
Item- 2	2.9 Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m 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 soils as directed, within a lead of 50 m.								
S No.	Item No	Description of Item				Unit	Qty	Rate	Amount
1	291	2.9.1 Ordinary rock				cum	500.00	448.15	224075.00
2	293	2.9.3 Hard rock (blasting prohibited)				cum	1050.00	1080.55	1134577.50
							Total	1358652.50	
Item- 3	2.10 Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :								

**WDFC FIELD UNIT-AJMER-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: All-EN-WDFC-SWSP-BGMN-23

Closing Date/Time: 15/03/2023 15:00

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1	21013	2.10.1.3 Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	Metre	2050.00	568.60	1165630.00
					Total	1165630.00
Item- 10	4.3 Centering and shuttering including strutting, propping etc. and removal of form work for:					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	431	4.3.1 Foundations, footings, bases for columns.	Sqm	1200.00	284.85	341820.00
2	432	4.3.2 Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	Sqm	12000.00	609.30	7311600.00
					Total	7653420.00
Item- 11	4.20 "Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer-in-charge. Note : 1) Excess/less cement used than specified in this item is payable/recoverable separately."					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	42011	4.20.1.1 All works upto plinth level : M-15 grade plain cement concrete (cement content considered @ 240 kg/cum)	cum	966.00	7900.75	7632124.50
2	42012	4.20.1.2 Concrete of M10grade with minimum cement content of 220kg /cum	cum	2400.00	7761.25	18627000.00
					Total	26259124.50
Item- 12	5.9 Centering and shuttering including strutting, propping etc. and removal of form for :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	591	5.9.1 Foundations, footings, bases of columns, etc. for mass concrete	Sqm	200.00	284.85	56970.00
2	592	5.9.2 Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc.	Sqm	100.00	609.30	60930.00
3	593	5.9.3 Suspended floors, roofs, landings, balconies and access platform	Sqm	100.00	693.05	69305.00
					Total	187205.00
Item- 14	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. Excess/ less cement used as per design mix is payable/recoverable separately). All works upto plinth level.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	5342	Providing M-35 grade conc. Instead of M-25	cum	288.00	139.45	40161.60
2	53311	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	288.00	7997.30	2303222.40
					Total	2343384.00
Item- 17	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1521	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	1000.00	1737.45	1737450.00

**WDFC FIELD UNIT-AJMER-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: All-EN-WDFC-SWSP-BGMN-23

Closing Date/Time: 15/03/2023 15:00

2	1522	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	cum	200.00	1072.80	214560.00
					Total	1952010.00
Item- 24	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	19352	600 mm dia RCC pipes.	Metre	2050.00	2984.55	6118327.50
2	19353	900 mm dia RCC pipes.	Metre	50.00	4695.35	234767.50
					Total	6353095.00

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Special 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-VIII (Mandatory), along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India. As per Clause No. 10.2 of Tender Form (second Sheet) of Annex. I of Part-I of GCC APRIL-2022, with up to date correction slip.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria The tenderer must have successfully or substantially* completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works, each costing not less than the amount equal to 30% of advertised value of the tender, OR Two similar works, each costing not less than the amount equal to 40% of advertised value of the tender, OR One similar work, each costing not less than the amount equal to 60% of advertised value of the tender. Note: "The similar nature of work is defined is "Bridge work involving RCC Box/PSC/RCC/Composite Girder" *To be read along with 15.8	No	No	Allowed (Mandatory)

5. COMPLIANCE

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

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S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS MENTIONED IN TENDER DOCUMENT	No	No	Not Allowed

Commercial-Compliance

**WDFC FIELD UNIT-AJMER-CIVIL/WDFC
TENDER DOCUMENT**

Tender No: All-EN-WDFC-SWSP-BGMN-23

Closing Date/Time: 15/03/2023 15:00

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

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS MENTIONED IN TENDER DOCUMENT	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS MENTIONED IN TENDER DOCUMENT	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS MENTIONED IN TENDER DOCUMENT	No	No	Allowed (Mandatory)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	AS MENTIONED IN TENDER DOCUMENT	No	No	Not Allowed

6. Documents attached with tender

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

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: VIPIN PARIHAR

Designation : DYPMHQ