

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

Tender No: AII-EN-MD-MJ-DW-23-25

Closing Date/Time: 22/05/2023 15:00

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No **AII-EN-MD-MJ-DW-23-25** Closing Date/Time 22/05/2023 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	Dewatering at LHS/RUBs/Pedestrian subways between Madar & Bhinwaliya stations including ancillary works for drainage & cleaning of LHS/RUBs/Pedestrian subways under CGM-Ajmer unit of Western Dedicated Freight Corridor.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	22/05/2023 15:00	Date Time Of Uploading Tender	28/04/2023 18:10
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	44577977.43	Tendering Section	TENDER
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	372900.00	Validity of Offer (Days)	45
Tender Doc. Cost (Rs.)	0.00	Period of Completion	36 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	08/05/2023	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 2021							7245422.61	
1	112	4100.00	cum	180.40	739640.00	AT Par	739640.00	
	Description:- 1.1.2 CARRIAGE OF MATERIALS : Earth							
2	Please see Item Breakup for details.				924525.00	AT Par	924525.00	
	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 1.5m, as directed by Engineer-in-charge							
3	Please see Item Breakup for details.				48866.25	AT Par	48866.25	
	Description:- 2.10.1 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, All kinds of soil :							
4	Please see Item Breakup for details.				1617277.50	AT Par	1617277.50	
	Description:- 4.1 Providing and laying in position cement conc. of specified grade excluding the cost of centering and shuttering -All works up to plinth level							
5	Please see Item Breakup for details.				750016.00	AT Par	750016.00	
	Description:- 4.2 Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers,abutments, pillars, posts, struts, buttresses, string or lacing courses,parapets, coping, bed blocks, anchor blocks, plain window sills, fillets,sunken floor etc., up to floor five level, excluding the cost of centering,shuttering and finishing:							
6	Please see Item Breakup for details.				230984.00	AT Par	230984.00	
	Description:- 4.3 Centering and shuttering including strutting, propping etc. and removal of form work for :							
	Please see Item Breakup for details.				810397.50	AT Par	810397.50	

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7	Description:- 4.20.1 Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement, All works upto plinth level :						
8	Please see Item Breakup for details.		665345.00	AT Par	665345.00		
8	Description:- 7.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement conc.1:6:12 (1cement:6coarse sand:12graded stone agg. 20mm nominal size) up to plinth level with:						
9	Please see Item Breakup for details.		413785.00	AT Par	413785.00		
9	Description:- 7.2 Random rubble masonry with hard stone in super structure above plinth level and upto floor five level, including levelling up with conc. 1:6:12 at window sills, ceiling level and the like:						
10	102	2500.00	Kg	111.95	279875.00	AT Par	279875.00
10	Description:- 10.2 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.						
11	1332	200.00	Sqm	382.10	76420.00	AT Par	76420.00
11	Description:- 13.3.2 "Cement Plaster - 20 mm cement plaster of mix:1:6 (1 cement: 6 fine sand) "						
12	Please see Item Breakup for details.		168432.00	AT Par	168432.00		
12	Description:- 13.62 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :						
13	1371	163880.00	per letter per cm height	5.05	827594.00	AT Par	827594.00
13	Description:- Lettering with black Japan paint of approved brand and manufacture ;						
14	161	3500.00	Sqm	180.50	631750.00	AT Par	631750.00
14	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 subgrade and disposal of surplus earthwith lead upto 50 metres						
15	Please see Item Breakup for details.		228866.25	AT Par	228866.25		
15	Description:- 19.35 Providing and laying Non Pressure NP-3 Class (Medium duty) RCC 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. complte.						
16	20	100.00	Day	7000.00	700000.00	AT Par	700000.00
16	Description:- Hydraulic excavator (3D) with driver & fuel						
17	Please see Item Breakup for details.		1822392.00	AT Par	1822392.00		
17	Description:- 26.80 Providing & Grouting of dowel tubes / Shear keys / Joints of precast members with M-60 grade cementitious grout (Non Shrink) of approved make by suitable means (Free flowing /pump), curing etc. Complete as per directions of Engineer-incharge. (The payment shall be made on the basis of actual weight of approved grout injected.)						
18	Lump Sum		750000.00	AT Par	750000.00		
18	Description :- Any other CPWD DSR-2021 items required for successful completion of work						
19	19	1.00	Job	-4440742.89	-4440742.89	AT Par	-4440742.89
19	Description:- Less 38% below basic rates on Sr. No. 1 to 18						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-NS 1							19312548.00	
1	Please see Item Breakup for details.		19312548.00	AT Par	19312548.00			
1	Description:- Hiring and commissioning of static/movable/tractor operated diesel pump of different capacity for dewatering of acCumulated water, including sufficient length of suction and delivery pipe. The rate includes cost of all labour, watch & work 24x7, T&P, C&P (except diesel) maintenance of pump etc. The rate also includes cost of x-ing track, nallaha, road or any other obstruction to be met with. Note : The pumps should be capable of pumping out silty/muddy water also. Nothing will be paid separately on account of dewatering muddy/silty water.							

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S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-NS 2							13965840.00	
2	Please see Item Breakup for details.				13965840.00	AT Par	13965840.00	
Description:- Extra for fuel consumption over NS/1.								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-NS 3							1787490.00	
1	Please see Item Breakup for details.				1787490.00	AT Par	1787490.00	
Description:- Hiring and operating of multi-Utility vehicle								

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule C-GST							2266676.82	
1	1	1.00	Job	2266676.82	2266676.82	AT Par	2266676.82	
Description:- Due to change in GST 12% to 18%								

3. ITEM BREAKUP

Schedule	Schedule A-CPWD DSR 2021							
Item- 2	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 1.5m, as directed by Engineer-in-charge							
S No.	Item No	Description of Item			Unit	Qty	Rate	Amount
1	2.6.1	2.6.1 All kinds of soil			cum	4500.00	205.45	924525.00
							Total	924525.00
Item- 3	2.10.1 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, All kinds of soil :							
S No.	Item No	Description of Item			Unit	Qty	Rate	Amount
1	2.10.1.3	2.10.1.3 Earthwork in excavation for Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm			Metre	75.00	651.55	48866.25
							Total	48866.25
Item- 4	4.1 Providing and laying in position cement conc. of specified grade excluding the cost of centering and shuttering -All works up to plinth level							
S No.	Item No	Description of Item			Unit	Qty	Rate	Amount
1	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)			cum	150.00	7365.15	1104772.50
2	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	75.00	6833.40	512505.00
							Total	1617277.50
Item- 5	4.2 Providing and laying cement concrete in retaining walls, return walls,walls (any thickness) including attached pilasters, columns, piers,abutments, pillars, posts, struts, buttresses, string or lacing courses,parapets, coping, bed blocks, anchor blocks, plain window sills, fillets,sunken floor etc., up to floor five level, excluding the cost of centering,shuttering and finishing:							
S No.	Item No	Description of Item			Unit	Qty	Rate	Amount
1	4.2.3	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)			cum	80.00	9375.20	750016.00
							Total	750016.00
Item- 6	4.3 Centering and shuttering including strutting, propping etc. and removal of form work for :							

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4.3.1	Foundation, footings, bases for columns	Sqm	250.00	307.95	76987.50
2	4.3.2	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	Sqm	230.00	669.55	153996.50
					Total	230984.00
Item- 7	4.20.1 Providing and laying in position ready mixed or site batched design mix cement concrete for plain cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana/Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering and finishing as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the minimum specified cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement, All works upto plinth level :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4.20.1.1	Concrete of M10 grade with minimum cement content of 220 kg /cum	cum	50.00	8033.20	401660.00
2	4.20.1.2	Concrete of M15 grade with minimum cement content of 240 kg /cum	cum	50.00	8174.75	408737.50
					Total	810397.50
Item- 8	7.1 Random rubble masonry with hard stone in foundation and plinth including levelling up with cement conc.1:6:12 (1cement:6coarse sand:12graded stone agg. 20mm nominal size) up to plinth level with:					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	7.1.1	Cement mortar 1:6 (1cement: 6 coarse sand)	cum	100.00	6653.45	665345.00
					Total	665345.00
Item- 9	7.2 Random rubble masonry with hard stone in super structure above plinth level and upto floor five level, including levelling up with conc. 1:6:12 at window sills, ceiling level and the like:					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	7.2.1	Cement mortar 1:6 (1cement: 6 coarse sand)	cum	50.00	8275.70	413785.00
					Total	413785.00
Item- 12	13.62 Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	Sqm	880.00	191.40	168432.00
					Total	168432.00
Item- 15	19.35 Providing and laying Non Pressure NP-3 Class (Medium duty) RCC 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	19.35.2	600 mm dia RCC pipes	Metre	75.00	3051.55	228866.25
					Total	228866.25
Item- 17	26.80 Providing & Grouting of dowel tubes / Shear keys / Joints of precast members with M-60 grade cementitious grout (Non Shrink) of approved make by suitable means (Free flowing /pump), curing etc. Complete as per directions of Engineer-incharge. (The payment shall be made on the basis of actual weight of approved grout injected.)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	26.80.1	Stirrer mixed cementitious grout (non shrink) of approved make in dowel tubes / Shear keys / Joints of precast members	Kg	23760.00	76.70	1822392.00
					Total	1822392.00
Schedule	Schedule B-NS 1					

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Item- 1	Hiring and commissioning of static/movable/tractor operated diesel pump of different capacity for dewatering of accumulated water, including sufficient length of suction and delivery pipe. The rate includes cost of all labour, watch & work 24x7, T&P, C&P (except diesel) maintenance of pump etc. The rate also includes cost of x-ing track, nallaha, road or any other obstruction to be met with. Note : The pumps should be capable of pumping out silty/muddy water also. Nothing will be paid separately on account of dewatering muddy/silty water.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	8 HP PUMP	Month	120.00	43986.00	5278320.00
2	2	12 HP PUMP	Month	192.00	45410.00	8718720.00
3	3	20 HP PUMP	Month	96.00	48971.00	4701216.00
4	4	30 HP PUMP	Month	12.00	51191.00	614292.00
					Total	19312548.00
Schedule	Schedule B-NS 3					
Item- 1	Hiring and operating of multi-Utility vehicle					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	Hiring and operating of multi-Utility vehicle (open) Mahindra Bolero Camper of similar with loading capacity of one MT and seating capacity of 4/6 persons, 4 cylinders engine, Axle Configuration 4x2, factory-built metal body, cargo box type or passenger cabin type or both (with 24x7 hours availability, along with Driver), including cost of fuel, lubricants, all repairs, salary of driver, all taxes including GST, including running up to 1500 km in a month. The vehicle shall run on pucca, kutchra road and along the track. Toll tax, interstate tax / state entry tax / octoroi tax, parking charges on tour will be reimbursed after having submitted the proof. The vehicle shall not be more than two years old. Note : 1500 km/vehicle for a month	Month	30.00	55308.00	1659240.00
2	2	Extra 500 km per vehicle per month. (Extra Charges for running of each vehicle beyond 1500 km per month will be paid on average in a Quarter).	Kilometre	15000.00	8.55	128250.00
					Total	1787490.00
Schedule	Schedule B-NS 2					
Item- 2	Extra for fuel consumption over NS/1.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	8 HP PUMP	Hour	18000.00	237.00	4266000.00
2	2	12 HP PUMP	Hour	23040.00	271.00	6243840.00
3	3	20 HP PUMP	Hour	9600.00	316.00	3033600.00
4	4	30 HP PUMP	Hour	1200.00	352.00	422400.00
					Total	13965840.00

4. ELIGIBILITY CONDITIONS

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 "Dewatering of LHS/RUBs/Pedestrian Subways etc." *To be read along with 15.8	No	No	Allowed (Mandatory)

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading

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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)
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5. COMPLIANCE

Check Lst

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As mentioned in tender document.	No	No	Not Allowed

Commercial-Compliance

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	Tenderdocumentdewatering2023_1.pdf	Tender Document

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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 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