

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

Tender No: All-EN-RUBCovershed-165A

Closing Date/Time: 15/06/2022 15:00

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No **All-EN-RUBCovershed-165A** Closing Date/Time 15/06/2022 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.

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

1. NIT HEADER

Name of Work	Providing Cover sheds on miscellaneous balance RUBs/FOBs and Other Structure in Madar to Bhinwaliya Station(Including) Section of WDFC		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	15/06/2022 15:00	Date Time Of Uploading Tender	23/05/2022 16:55
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	323482011.58	Tendering Section	WORKS
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	1767400.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	18 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	01/06/2022	Are Joint Venture (JV) firms allowed to bid	Yes
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							314086435.58	
1	Please see Item Breakup for details.				169293.30	AT Par	169293.30	
	Description:- 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.							
2	Please see Item Breakup for details.				30070.86	AT Par	30070.86	
	Description:- 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	225	425.00	cum	219.65	93351.25	AT Par	93351.25	
	Description:- 2.25 Filling available excavated earth (excluding rock) trenches, plinth, sides of foundations etc. in layers not exceeding 20c in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.							
4	Please see Item Breakup for details.				2749855.25	AT Par	2749855.25	
	Description:- 4.6 Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in position with cement mortar 1:3 (1 Cement : 3 coarse sand), including the cost of required centering, shuttering complete.							
5	415	67.00	cum	6259.10	419359.70	AT Par	419359.70	
	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)							
6	Please see Item Breakup for details.				1983590.25	AT Par	1983590.25	
	Description:- 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:							
7	Please see Item Breakup for details.				373723.20	AT Par	373723.20	
	Description:- 5.9 Centering and shuttering including strutting, propping etc. and removal of form for							
8	Please see Item Breakup for details.				911152.00	AT Par	911152.00	
	Description:- 5.22 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.							

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9	Please see Item Breakup for details.			224044943.85	AT Par	224044943.85
	Description:- 10.16 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					
10	102	766010.00	Kg	101.75	77941517.50	AT Par 77941517.50
	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	1019	145982.00	Kg	83.85	12240590.70	AT Par 12240590.70
	Description:- 10.19 Providing & fixing mild steel round holding down bolts with nut nut & washer plate complete.					
12	1020	30900.00	Kg	128.45	3969105.00	AT Par 3969105.00
	Description:- 10.20 Providing and fixing bolts including nuts and washers complete.					
13	Please see Item Breakup for details.			783368.20	AT Par	783368.20
	Description:- 10.27 Providing and fixing carbon steel galvanised(min coating 5micron) dash fastener of 10mm dia double threaded 6.8 grade(yield strength 480N/mm2) counter sunk head,comprising of 10mm dia polymide PA6grade sleeve including drilling of hole in frame , concrete /masonry etc as per direction of Engineer-in-charge.					
15	1250	72100.00	Sqm	627.55	45246355.00	AT Par 45246355.00
	Description:- 12.50 Providing and fixing precoated galvanised iron profile sheets (size,shape and pitch of corrugation as approved by Engineer-in-charge)0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.					
16	Please see Item Breakup for details.			6906530.00	AT Par	6906530.00
	Description:- 13.44 Finishing wall water proofing cement paint of required shade					
17	Please see Item Breakup for details.			4905393.35	AT Par	4905393.35
	Description:- 13.61 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
18	1611	5835.00	Sqm	730.20	4260717.00	AT Par 4260717.00
	Description:- 16.11 Dry stone pitching 22.5cm thick incg supply of stones and preparing surface complete					
19	1650	918.00	Each	2481.60	2278108.80	AT Par 2278108.80
	Description:- 16.50 Providing and fixing Glow studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acryloretrite) or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The glow stud shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be 35 (+/-5) degrees to base .The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS: 873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge.					
20	1662	729.00	Sqm	607.30	442721.70	AT Par 442721.70
	Description:- 16.62 Providing and applying 2.5 mm thick road marking strips (retroreflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fite withprofile shoe, glass beads dispenser, propane tank heater andprofile shoe heater, driven by experienced operator on road surfaceincluding cost of material, labour, T&P, cleaning the road surface ofall dirt, seals, oil, grease and foreign material etc. complete asper direction of Engineer-in-charge and accordance with applicable specifications					
21	1693	458.00	Sqm	2525.35	1156610.30	AT Par 1156610.30
	Description:- 16.93 Providing and placing in position 100 mm thick factory made machine batched & machine mixed Precast RCC Rectangular Covers on drains of footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc i/c cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.					
22	DSRCH23	5.00	Numbers	400000.00	2000000.00	AT Par 2000000.00
	Description:- Rain water Harvesting & Tube wells(As per DSR-2018 Chapter 23)					
	Please see Item Breakup for details.			7268560.20	AT Par	7268560.20

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23	Description:- 26.35 Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in Charge.(The payment shall be made on the basis of actual weight of approved grout injected.)						
24	MiscSOR	1.00	Numbers	2500000.00	2500000.00	AT Par	2500000.00
	Description:- Misc SOR items to complete the work(Lumpsum)						
25	25	1.00	Set	-100668729.35	-100668729.35	AT Par	-100668729.35
	Description:- Rate reduced by 25% as per NWR LETTER DATED 06.03.2020						
26	26	1.00	Job	12080247.52	12080247.52	AT Par	12080247.52
	Description:- Add cost index 4% as the work is executed in Ajmer region						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule NS -NS Items							9395576.00	
1	NS1	13600.00	Each	212.16	2885376.00	AT Par	2885376.00	
	Description:- NS-1 Proving hole in harden concrete surface by drilling machine up to dia 30mm including all labour ,machinery and material cost							
2	NS2	18.00	Vehicle-Month	55900.00	1006200.00	AT Par	1006200.00	
	Description:- NS-2 Hiring and operating of multi-utility vehicle(open) mahindra bolero camper or similar with loading capacity of 4/6 persons, 4 cylinder engine, axle configuration 4*2, factory built metal body cargo box type or passengercabin type or both(with 24*7 hours availability along with driver),including cost of fuel, lubricats,all repairs,salary of driver,all taxes excluding GST including running ip to 3000km in a month.The Vehicle shall run on pucca kutcha roadand along the track .Toll tax ,interstate tax /state entry tax /octroi tax ,parking charges on tour will be reimbursed agter having submitted the proof. The vehicle shall not be more than two years old.							
3	NS3	2400.00	Sqm	2260.00	5424000.00	AT Par	5424000.00	
	Description:- NS3 Finish walls with hand painting							
4	NS4	10.00	Each	8000.00	80000.00	AT Par	80000.00	
	Description:- NS4 Convex Mirror for Blind Curve (Circular polycarbonate mirror size 800mm)							

3. ITEM BREAKUP

Schedule	Schedule A-CPWD DSR-2018							
Item- 1	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.							
S No.	Item No	Description of Item			Unit	Qty	Rate	Amount
1	28	All kinds of soil.			cum	671.00	252.30	169293.30
							Total	169293.30
Item- 2	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	67.10	448.15	30070.86
							Total	30070.86
Item- 4	4.6 Providing and fixing at or near ground level precast cement concrete in kerbs, edgings etc. as per approved pattern and setting in positionwith cement mortar 1:3 (1 Cement : 3 coarse sand), including the costof required centering, shuttering complete.							
S No.	Item No	Description of Item			Unit	Qty	Rate	Amount
1	461	4.6.1 1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).			cum	365.00	7533.85	2749855.25
							Total	2749855.25

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Item- 6	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:					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	512	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	257.00	7718.25	1983590.25
					Total	1983590.25
Item- 7	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	1312.00	284.85	373723.20
					Total	373723.20
Item- 8	5.22 Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	5225	5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	10912.00	83.50	911152.00
					Total	911152.00
Item- 9	10.16 Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	10161	10.16.1 Hot finished welded type tubes	Kg	1561833.00	143.45	224044943.85
					Total	224044943.85
Item- 13	10.27 Providing and fixing carbon steel galvanised(min coating 5micron) dash fastener of 10mm dia double threaded 6.8 grade(yield strength 480N/mm2) counter sunk head,comprising of 10mm dia polymide PA6grade sleeve including drilling of hole in frame , concrete /masonry etc as per direction of Engineer-in-charge.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	10274	10.27.4 10*140 mm	Numbers	1556.00	145.65	226631.40
2	10275	10.27.5 10*160 mm	Numbers	3112.00	178.90	556736.80
					Total	783368.20
Item- 16	13.44 Finishing wall water proofing cement paint of required shade					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13441	13.44.1 New work(Two or more coats applied @ 3.84kg/Sqm	Sqm	75688.00	91.25	6906530.00
					Total	6906530.00
Item- 17	13.61 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	13611	13.61.1 Two or more coats on new work	Sqm	40357.00	121.55	4905393.35
					Total	4905393.35
Item- 23	26.35 Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/ masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in Charge.(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	26352	26.35.3 Epoxy injection grout in concrete/RCC work of approved make	Kg	9174.00	792.30	7268560.20
					Total	7268560.20

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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 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 to30% 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 "Any Civil Engineering Work involving at least 500 MT of Structural Steel Work of Supply, Fabrication, Erection & its Welding". (*To be read along with clause 15.8 of General Instruction to Tenderes of Tender Document))	No	No	Allowed (Mandatory)

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 1.5 V/N crores; 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 of GCC APRIL-2022, 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)

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.

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

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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	MD-MJNDTechnicalBid.pdf	Technical Bid
2	MD-MJNDFinancialBid.pdf	Financial Bid

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