

**Tender No.: AII-EN-RUB CoverShed-165A**



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**Name of Work: Providing Cover sheds on miscellaneous balance RUBs/FOBs and Other Structure in Madar to Bhinwaliya Station (Including) Section of WDFC.**

**Two Packet OPEN E-TENDER**

**TENDER DOCUMENT  
(NOT TRANSFERABLE)**

**May-2022**

**Financial Bid**

**(Packet-B)**

**(PARTICIPATION THROUGH E-TENDER ONLY)**

**E-tendering site- <https://www.ireps.gov.in/>**

**Employer:**

**Chief General Manager**

**Dedicated Freight Corridor Corporation of India Ltd.**

**A/1 Circular road near SP RAILWAY GRP office Ajmer-305001**

**GENERAL INFORMATION/DATA SHEET**

Tender Notice No.	AII-EN-RUB CoverShed-165A
Name of the work	Providing Cover sheds on miscellaneous balance RUBs/FOBs and Other Structure in Madar to Bhinwaliya Station (Including) Section of WDFC
a) Tender Value	<b>Rs. 32,34,82,011.58/- (Rs. Thirty Two Crore Thirty Four lakh Eighty Two Thousand Eleven Rupees and Fifty Eight Paise) (Inclusive GST)</b>
b) Completion Period	18(Eighteen) months
c) Type of Bid	Open E-Tender Two Packet
d) Earnest Money	Rs.17,67,400/- (Seventeen Lakh Sixty Seven Thousand Four Hundred) to be paid online through payment gateway provided at <a href="http://www.ireps.gov.in">www.ireps.gov.in</a>
e) Last Date and Time of Downloading of Tender from website <a href="http://ireps.gov.in">ireps.gov.in</a> and <a href="http://www.dfccil.com">www.dfccil.com</a>	15:00 Hrs. of 15.06.2022
f) Last date and Time of online submission of Tender on website <a href="http://ireps.gov.in">ireps.gov.in</a>	15:00 Hrs. of 15.06.2022
g) Date and Time of Opening of Tender	15:30 Hrs. of 15.06.2022
h) Validity of offer	60 Days from the date of opening of tender.

**NOTE:**

- 1. Tenderer should bear the fact in mind while quoting the rates that GST will be paid by Contractor as per prevailing rate as applicable. Documentary evidence of deposition of GST will be produced by contractor for on account bill.**
- 2. Information as required as per various Forms/Annexures to tender document should be submitted by the tenderers without fail strictly as per formats. Offers submitted without Mandatory documents shall be summarily rejected**

**SCHEDULE OF PRICES & TOTAL PRICES**

**Tender Schedule**

**Name of work:-** Providing Covering on RUB approaches & other associated Works in Madar to New Marwar Section under GM/Coordination Ajmer unit of WDFC

S.N	Item No of DSR 2018	Description of work	Unit	Rate	Qty.	Amount
	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.				
1	2.8.1	All kinds of soil.	Cum	252.3	671.00	169293.30
	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.				
2.	2.9.1	Ordinary rock	Cum	448.15	67.10	30070.87
3.	2.25	Filling available excavated earth (excluding rock) 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	219.65	425.00	93351.25
	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.				
4.	4.6.1	1:1½:3 (1 Cement: 1½ coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	cum	7533.85	365.00	2749855.25
5.	4.1.5	1:3:6 (1 Cement: 3 coarse sand (zone-III) derived from natural sources: 6 graded stone	cum	6259.1	67.00	419359.70

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		aggregate 20 mm nominal size derived from natural sources)				
	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:				
6.	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	7718.25	257.00	1983590.25
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
7.	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	284.85	1312.00	373723.20
	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
8.	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more	Kg	83.5	10912.00	911152.00
	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.				
9.	10.16.1	Hot finished welded type tubes	Kg	143.45	1561833.00	224044943.85
10	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.	Kg	101.75	766010.00	77941517.50
11	10.19	Providing & fixing mild steel round holding down bolts with nut & washer plate complete.	Kg	83.85	145982.00	12240590.70
12	10.20	Providing and fixing bolts including nuts and washers complete.	Kg	128.45	30900.00	3969105.00

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	10.27	Providing and fixing carbon steel galvanised(min coating 5micron) dash fastener of 10mm dia double threaded 6.8 grade(yield strength 480N/mm <sup>2</sup> ) 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.				
13.	10.27.4	10*140 mm	Each	145.65	1556.00	226631.40
14.	10.27.5	10*160 mm	Each	178.9	3112.00	556736.80
15.	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.	Sqm	627.55	72100.00	45246355.00
	13.44	Finishing wall water proofing cement paint of required shade				
16.	13.44.1	New work(Two or more coats applied @3.84kg/Sqm	Sqm	91.25	75688.00	6906530.00
	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
17.	13.61.1	Two or more coats on new work	Sqm	121.55	40357.00	4905393.35
18.	16.11	Dry stone pitching 22.5cm thick incg supply of stones and preparing surface complete	Sqm	730.20	5835.00	4260717.00

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19.	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.	Each	2481.60	918.00	2278108.80
20.	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 fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications	Sqm	607.30	729.00	442721.70
21.	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	Sqm	2525.35	458.00	1156610.30

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		complete as per direction of Engineer-in-Charge.				
22.	DSR Ch.23	Rain water Harvesting & Tubewells(As per DSR-2018 Chapter 23)	Nos	400000.00	5.00	2000000.00
	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.)				
23.	26.35.3	Epoxy injection grout in concrete/RCC work of approved make	Kg	792.3	9174	7268560.20
		<b>SUB. Total</b>				<b>400174917.42</b>
		Misc SOR items to complete the work(Lumpsum)				2500000.00
		<b>Total of Schedule A</b>				<b>402674917.42</b>
		Rate reduced by 25% as per NWR LETTER DATED 06.03.2020				100668729.35
		<b>TOTAL</b>				<b>302006188.06</b>
		Add cost index 4% as the work is executed in Ajmer region				1,20,80,247.52
		<b>Grand total of Schedule A</b>				<b>31,40,86,435.58</b>
<b><u>Item of Schedule-B</u></b>						
1.	NS-1	Proving hole in harden concrete surface by drilling machine up to dia 30mm including all labour ,machinery and material cost	Each	212.16	13600.00	28,85,376.00
2.	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 availablity 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	Vehicle-Month	55900	18.00	10,06,200.00

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		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.	NS-3	Finizh walls with hand painting	Sqm	2260	2400.00	54,24,000.00
4.	NS-4	Convex Mirror for Blind Curve (Circular polycarbonate mirror size 800mm)	Each	8000	10.00	80,000.00
		<b>Total of Schedule B</b>				<b>93,95,576.00</b>
		<b>Grand Total (Schedule A+ Schedule B)</b>				<b>32,34,82,011.58</b>
<b>In Words:-Thirty Two Crore Thirty Four Lakh Eighty Two Thousand Eleven Rupees and Fifty Eight Paise Only</b>						

**Explanatory Notes for BOQ:**

- (i) All CPWD DSR-2018 items contain item nos., if any discrepancy is found in nomenclature, rates, units etc. USSOR will prevail.
- (ii) The rates shall also be inclusive of all taxes (**Including GST**) legally leviable and / or any other taxes, license fee and royalty charges etc. if any.
- (iii) The above quantity is approximate:-The DFCCIL reserve the right to increase / decrease the same.
- (iv) The contractor should adhere to **Anti Profiteering Provisions** as per section 171 of the CGST Act. Where due to change in the rates of GST / Change in law, the contractor gets any credits / benefits, the same shall be passed on to DFCCIL by way of reduction in prices.

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