



**Tender No. TDL-EN- SHED-IMD-IMSD-10**

For

**Name of Work:** Construction of Material Shed at IMD (New KHURJA & New EKDIL), and IMSD at New DAUD KHAN, New Hathras, New TUNDLA, New MAKHANPUR, New BHADAN, New ACHALDA, New KANCHAUSI & New BHAUPUR under CGM TUNDLA .

**E-TENDER DOCUMENT**

**Financial BID**

**(PACKET-B)**

**Open Online E-Tender (Two Packet)**

(PARTICIPATION THROUGH E-TENDER ONLY)

E-tendering site- <https://www.ireps.gov.in> / its link at [www.dfccil.com](http://www.dfccil.com)

(Help desk of IREPS: 011 -23761525)

**Employer:**

**DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA  
LIMITEDA GOVERNMENT OF INDIA (Ministry of Railways)  
ENTERPRISE**

**FIELD OFFICE: -**

Office Of Chief General Manager  
New Tundla Station/EDFC, Village- Bhakti Ghari, Tehsil-Tundla,  
District- Firozabad, (U.P.)-283204

**CORPORATE OFFICE**

DFCCIL, 5TH Floor, Supreme Court Metro Station Building Complex,  
New Delhi-110001

**GENERAL INFORMATION / DATA SHEET**

<b>Tender Notice No.</b>	TDL-EN- SHED-IMD-IMSD-10 21.02.2024
Name of the work	Construction of Material Shed at IMD (New KHURJA & New EKDIL), and IMSD at New DAUD KHAN, New Hathras, New TUNDLA, New MAKHANPUR, New BHADAN, New ACHALDA, New KANCHAUSI & New BHAUPUR under CGM TUNDLA
Employer	Chief General Manager/TDL, DFCCIL, New Tundla Station/EDFC, Village- Bhakti Ghari, Tehsil Tundla, District- Firozabad, (U.P.)-283204
Engineer	Employer/Employer's authorized Representative
Type of Tender	Open E-Tender (Two Packet)
Type of Contract	Works Contracts
Estimated Cost	Rs. 19,47,51,998.94/-including GST
Period of Contract/Completion Period	<b>12 Month</b>
Bid Security	Rs. 1123800/- The Bid Security shall be submitted in favour of DFCCIL in the form as detailed in Para 1.3.8 of Preamble & General Instructions to Tenderers (Part-I, Chapter-III).
Cost of Tender Document	Rs. 10,000/- + 18% GST
E-tendering website	<b><a href="http://www.ireps.gov.in">http://www.ireps.gov.in</a></b> For any help, please contact IREPS Helpdesk at 011-23761525
Date of uploading of NIT & Bid documents (online publishing date)	<b>On Date 21.02.2024 at 15-00 Hrs</b>
Date of document download/Sale (Online)	<b>From Date 22.02.2024 from 10.00Hrs</b>
Issue of Corrigendum, if any	<b>Up to three days prior</b> to the last date of submission of Bid (on websites <a href="http://www.ireps.gov.in">http://www.ireps.gov.in</a> and <a href="http://www.dfccil.com">www.dfccil.com</a> )
Pre-Bid Meeting	Not applicable
Date & Time of Submission of Tender	On or before date <b><u>15.03.2024 and time up to 15:00 hrs</u></b>
Date and Time of Opening of Tender (Technical bids -PacketA) online as well as tender box	<b><u>Date 15.03.2024 at 15.30hrs</u></b> Opening date of Financial Bid (Packet-B) will be notified later
Validity of offer	120 days from the date of opening of the Technical Bid of the Tender
Security Deposit	5% of Contract value
Performance Bank Guarantee	Performance Guarantee (PG) have to be submitted within 21 (twenty-one) days from the date of issue of Letter of Acceptance (LOA), amounting to 3% of the contract value in the form as given in clause 16.4 of GCC
Defect Liability Period	12 Months

**SUMMARY OF PRICES**

**Name of work:** - Construction of Material Shed at IMD (New KHURJA & New EKDIL), and IMSD at New DAUD KHAN, New TUNDLA, New MAKHANPUR, New BHADAN, New ACHALDA, New KANCHAUSI & New BHAUPUR under CGM TUNDLA .

Sl. No.	Description of works	DFCCIL updated cost in Rs (including GST)	Rates to be quoted in figures & words (Clearly mention above / below / at par on updated DFCCIL Rate / cost given in column 3)
1	2	3	4
1.	Execution of all works as per Schedule "A" ( DSR 2021)	10,32,29,970.94	..... % age (in figures) ..... (In words)
2.	Execution of all works as per Schedule "B" (NS -Item)	9,15,22,016.00	..... % age (in figures) ..... (In words)
	Grand Total	19,47,51,986.94/-	

**Notes:**

- 1) The above prices are inclusive of GST as prevailing.
- 2) The tenderer should quote single percentage above/ par/below for each schedule.
- 3) If the uniform percentage quoted by the Tenderer does not clearly indicate whether the rates are above/at par/below the estimated rates then through sign convention it will be considered to be on plus side and evaluated accordingly.
- 4) If the contractor quotes different percentage (%) above /below against each items of any schedule (i.e. A,&B) then his offer will be summarily rejected.
- 5) Rate of item payable to contractor shall be as per following example:-

- (a) If percentage quoted by the contractor is 5 % above (+5%), Rate payable to contractor =  $(X) \times 1.05$
- (b) If percentage quoted by the contractor is 5 % below (-5%), Rate payable to contractor =  $(X) \times 0.95$
- (c) If percentage quoted by the contractor is at par, Rate payable to contractor =  $(X) \times 1.0$

**SCHEDULE OF PRICES & TOTAL PRICES**

Schedule A (DSR Item)						
Sr No	DRS 2021 Items No.	Description Of Item	QTY.	UNIT	RATE	AMOUNT
1	2.25	(a) 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.	14800	CUM	411.23	6086204
2	2.27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	32.65	CUM	2410.82	78713.273
3	2.28.1	Surface dressing of the ground including removing vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. All kinds of Soil.	14800	SQM	31.4	464720
4	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	32.65	CUM	7622.66	248879.849
5	4.11	Providing and laying <b>damp-proof course 50mm</b> thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	16.32	SQM	504.48	8233.1136
6	5.1.2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering,	27.21	CUM	9330.27	253876.6467

Signature of Tenderer's with Seal

Page 5 of 13

		finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)				
7	5.2.2	Reinforced cement concrete work in <b>walls</b> (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, <b>columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level</b> , excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	217.65	CUM	11361.42	2472813.063
8	5.9.1	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	870.59	SQM	343.52	299065.0768
9	5.9.3	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended <b>floors, Roofs</b> , landings, balconies and access platform	870.59	SQM	855.09	744432.8031
10	5.9.5	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, <b>beams</b> , plinth beams, girders, bressumers and cantilevers	870.59	SQM	678.61	590791.0799
11	5.9.6	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Strut	2611.76	SQM	897.14	2343114.366
12	5.22.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	435294	KG	100	43529400

		Thermo-Mechanically Treated bars of grade Fe-500D or more				
13	6.1.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	440.74	CUM	7676.87	3383503.684
14	6.4.1	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 : Cement mortar 1:4 (1 cement : 4 coarse sand)	617.03	CUM	9495.25	5858854.108
15	10.5.1	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces	21.76	SQM	5333.37	116054.1312
16	10.13.1	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size).	435.29	KG	127.89	55669.2381
17	11.1.1	Brick on edge flooring with bricks of class designation 7.5 on a bed of 12 mm cement mortar, including filling the joints with same mortar, with common	14800	SQM	1045.22	15469256

		burnt clay non modular bricks: 1:4 (1 cement : 4 coarse sand)				
18	11.4	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	14800	SQM	954.76	14130448
19	13.4.1	12 mm cement plaster of mix 1:4 (1 cement: 4 coarse sand)	5484.71	SQM	342.74	1879829.505
20	13.42.1	Distempering with 1st quality acrylic distemper ( ready mixed) having VOC content less than 50 gms/ litre, of approved manufacturer, of required shade and colour complete, as per manufacture specification. Two or more coats on new work.	2742.35	SQM	103.46	283723.531
21	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement promoter	2742.35	SQM	71.89	197147.5415
22	13.45.1	Finishing walls with textured exterior paint of required shade : New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	2742.35	SQM	273.3	749484.255



23	<b>13.46.1</b>	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	2742.35	SQM	186.12	510406.182
24	<b>13.48.1</b>	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm	2742.35	SQM	177.31	486246.0785
25	<b>13.48.3</b>	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture	130.59	SQM	156.23	20402.0757
26	<b>13.80</b>	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	5484.71	SQM	138.15	757712.6865
27	<b>13.83.2</b>	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour: Two coats	5484.71	SQM	135.59	743671.8289
28	<b>16.18.1</b>	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15 th post , last but one end post and corner post shall be strutted on both sides and end post on one side	6529.41	MTR	21.86	142732.9026

		only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. ( Cost of posts, struts, earth work and concrete work to be paid for separately ). payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire				
29	<b>16.19</b>	Supplying at site Angle iron post & strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete	870.59	Kg	111.49	97062.0791
30	<b>16.91</b>	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.				

31	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	1088.24	SQM	1127.99	1227523.838
<b>Total schedule A</b>						<b>Rs. 10,32,29,970.9</b>
Schedule B (NS Item)						
32	NS-1	<p>Providing Fabricating and Laying of colour coated Galvalume (Proflex System roofing ) metrail for self Supported roofing system (Technology Similar to Proflex System Provided by M &amp; B Engineering Pvt Ltd Ahamedabad) Meterial shall be of following Specification BMT 1.10mm to 1.6mm APT 1.15mm (tolerance +/-0.02mm).including supply ing Loading transporting unloading and staking at site fabricating and laying with all contractors tools machineries materials and fixtures labours including all lead and lift and laps/wastage if any etc. complete. The colour of sheet will be decided by Railway. the rate is also inclusive of designing of roofing of roofing system ,proof checking and providing Execcution drawing .fabrication and installation of self-supported roofing technology similar to proflex Roof System should also have necessary provision for fixing of solor System panels on roof as required by Railway and necessary fitings for hanging of electrical items (viz,Lights,Fans,etc)</p>				
		A) Length greater than 25.0m and up to 33m or as per site requirement	14800	SQM	6183.92	91522016
		Note:-The roofing system should be self supported roofing system i.e without trusses purlin				

	<p>or any ancillary supports shall be designed by contractor through the consultant and got duly proof checked from IIT.any other GOVT agenies .Design and drawing will be approved by DFCCIL For design of roofing system relevant load parameters of is code of practice to be adopted. The cost of designing and proof checking of design and drawing will not be paid separately and these charges are deemed to be inclusive of preparation of necessary auto cad drawing required for execution of roofing system. the details of arch may be changed as per the design with approval of DFCCIL. The roofing system should be 100% leak proof resistant to corrosion and maintenance free. work will be done under proper supervision of approved manufacturer whose supervisor must remain at site during the execution of work. The rate is inclusive of cost of supervisor also. The rate is inclusive of cutting sheet or for polycarbonate sheets for roof lighting fixing turbo ventilators as made available through item no. 1 of this schedule (Note 2 below) as per direction of DFCCIL. No deduction for opening in sheet upto 3 Sqm. Payment will be made for normal proflex roof sheeting payment shall be made by measuring length and width at bottom corrugation of built up proflex roof sheeting</p>				
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<b>Total of schedule B</b>	<b>Rs. 9,15,22,016</b>
<b>Total cost of work schedule (A+B)</b>	<b>Rs. 19,47,51,998.94</b>

**Explanatory Notes for BOQ:**

- (i) Contractor shall quote rates of shuttering and curing for all heights.
- (ii) The rates of reinforcement item mentioned in the above schedule include placing of reinforcement .
- (iii) All DSR -2021 items contain item nos. if any discrepancy is found in nomenclature, schedule nomenclature will prevail.
- (iv) Tenderer must quote their rates for supply and Use of own material including loading, transportation and unloading at site. DFCCIL shall not provide any assistance for procurement of raw material.
- (v) The rates shall also be inclusive of all taxes legally livable and / or any other taxes, license fee and royalty charges etc. if any.
- (vi) The above quantity is approximate:-The DFCCIL reserves the right to increase / decrease the same.