

**EDFC FIELD UNIT-TUNDLA-CIVIL/EDFC
TENDER DOCUMENT**

Tender No: TDL-EN-SHED-IMD-IMSD-10

Closing Date/Time: 15/03/2024 15:00

CGM/DFCCIL/TDL acting for and on behalf of The President of India invites E-Tenders against Tender No **TDL-EN-SHED-IMD-IMSD-10** Closing Date/Time 15/03/2024 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	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		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	15/03/2024 15:00	Date Time Of Uploading Tender	21/02/2024 18:06
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	194751998.10	Tendering Section	CIVIL
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	1123800.00	Validity of Offer (Days)	120
Tender Doc. Cost (Rs.)	11800.00	Period of Completion	12 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	01/03/2024	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-DSR 2021 item							103229982.10	Above/ Below/Par
1	225	14800.00	cum	411.23	6086204.00	AT Par	6086204.00	
	Description:- DSR 2021 item no 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.							
2	227	32.65	cum	2410.82	78713.27	AT Par	78713.27	
	Description:- DSL 2021 item no. 2.27 Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.							
3	2281	14800.00	Sqm	31.40	464720.00	AT Par	464720.00	
	Description:- DLS 2021 item no. 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.							
4	415	32.65	cum	7622.66	248879.85	AT Par	248879.85	
	Description:- DLS 2021 item no.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)							
5	411	16.32	Sqm	504.48	8233.11	AT Par	8233.11	
	Description:- DLS 2021 item no. 4.11 Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).							
6	512	27.21	cum	9330.27	253876.65	AT Par	253876.65	
	Description:- DRS 2021 item no. 5.1.2 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 : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)							
7	522	217.65	cum	11361.42	2472813.06	AT Par	2472813.06	
	Description:- DRS 2021 item no. Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, 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)							

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8	591	870.59	Sqm	343.52	299065.08	AT Par	299065.08
	Description:- DRS 2021 item no. Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete						
9	593	870.59	Sqm	855.09	744432.80	AT Par	744432.80
	Description:- DRS 2021 item no.5.9.3 Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors,roofs, landings, balconies and access platform						
10	595	870.59	Sqm	678.61	590791.08	AT Par	590791.08
	Description:- DRS 2021 item no. 5.9.5 Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers						
11	596	2611.76	Sqm	897.14	2343114.37	AT Par	2343114.37
	Description:- DRS 2021 item no. 5.9.6 Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Strut						
12	5226	435294.00	Kg	100.00	43529400.00	AT Par	43529400.00
	Description:- DRS 2021 item no. 5.22.6 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						
13	611	440.74	cum	7676.87	3383503.68	AT Par	3383503.68
	Description:- DRS 2021 item no. 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)						
14	641	617.03	cum	9495.25	5858854.11	AT Par	5858854.11
	Description:- DRS 2021 item no. 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)						
15	1051	21.76	Sqm	5333.37	116054.13	AT Par	116054.13
	Description:- DRS 2021 item no. 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						
16	10131	435.29	Kg	127.89	55669.24	AT Par	55669.24
	Description:- DRS 2021 item no. 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).						
17	1111	14800.00	Sqm	1045.22	15469256.00	AT Par	15469256.00
	Description:- DRS 2021 item no. 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 burnt clay non modular bricks: 1:4 (1 cement : 4 coarse sand)						
18	114	14800.00	Sqm	954.76	14130448.00	AT Par	14130448.00
	Description:- DRS 2021 item no. 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.						
19	1341	5484.71	Sqm	342.74	1879829.51	AT Par	1879829.51
	Description:- DRS 2021 item no.13.4.1 12 mm cement plaster of mix 1:4 (1 cement: 4 coarse sand)						
20	13421	2742.35	Sqm	103.46	283723.53	AT Par	283723.53
	Description:- DRS 2021 item no . 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.						
21	13431	2742.35	Sqm	71.89	197147.54	AT Par	197147.54
	Description:- DRS 2021 item no. 13.43.1 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement promer						
22	13451	2742.35	Sqm	273.30	749484.26	AT Par	749484.26
	Description:- DRS 2021 item no. 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						
	13461	2742.35	Sqm	186.12	510406.18	AT Par	510406.18

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23	Description:- DRS 2021 item no. 13.46.1 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)						
	13481	2742.35	Sqm	177.31	486246.08	AT Par	486246.08
24	Description:- DRS 2021 item no. 13.48.1 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						
	13483	130.59	Sqm	156.23	20402.08	AT Par	20402.08
25	Description:- DRS 2021 item no. 13.48.3 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						
	1380	5484.71	Sqm	138.15	757712.69	AT Par	757712.69
26	Description:- DRS 2021 item no. 13.80 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.						
	13832	5484.71	Sqm	135.59	743671.83	AT Par	743671.83
27	Description:- DRS 2021 item no. 13.83.2 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						
	16181	6529.41	Metre	21.86	142732.90	AT Par	142732.90
28	Description:- DRS 2021 item no. 16.18.1 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 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						
	1619	870.69	Kg	111.49	97073.23	AT Par	97073.23
29	Description:- DRS 2021 item no. 16.19 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						
	Please see Item Breakup for details.				1227523.84	AT Par	1227523.84
30	Description:- DRS 2021 item no. 16.91 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.						

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule B-Ns Item							91522016.00	Above/ Below/Par
	Please see Item Breakup for details.				91522016.00	AT Par	91522016.00	
1	Description:- 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 & B Engineering Pvt Ltd Ahamedabad) Material 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 Execuction drawing .fabrication and installation of self-supported roofing technology similar to proflex Roof System should also have necessary provision for fixing of solar System panels on roof as required by Railway and necessary fittings for hanging of electrical items (viz,Lights,Fans,etc)							

3. ITEM BREAKUP

Schedule	Schedule A-DSR 2021 item
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Item- 30	DRS 2021 item no. 16.91 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.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	16.91.2	80 mm thick C.C. paver block of M-30 grade with approved color design and pattern.	Sqm	1088.24	1127.99	1227523.84
					Total	1227523.84
Schedule	Schedule B-Ns Item					
Item- 1	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 & 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 Execuction 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 fittings for hanging of electrical items (viz,Lights,Fans,etc)					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1	A) Length greater than 25.0m and up to 33m or as per site requirement Note:-The roofing system should be self supported roofing system i.e without trusses purlin 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% leack 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	Sqm	14800.00	6183.92	91522016.00
					Total	91522016.00

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

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
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1	As per bid documents	No	No	Not Allowed
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Commercial-Compliance

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per bid documents	No	No	Allowed (Mandatory)
2	As per bid documents	No	No	Allowed (Mandatory)
3	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 per bid documents	No	No	Not Allowed

Special Conditions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per bid documents	No	No	Not Allowed

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	As per bid documents	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	technicalbidshed.pdf	Technical bid
2	financialbidshed.pdf	financial bid

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Induswww 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: SHUBH KANT PANDEY

Designation : DYPM/Civil