

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH. DHANBAD  
(Council of Scientific & Industrial Research)

NOTICE INVITING TENDER  
(Displaying in Notice Boards)

No. 23(331,332 & 333)2008-GA/

Dated : 27/06/2008

Sealed tenders are hereby invited from bonafide govt. contractors, registered with CPWD, State, PWD, MES, Post and Telegraphs, Railway, Defence and other Govt. Department, CSIR or any of its laboratories, who have successfully completed at least 3 (three) similar type (equal to 40% of the estimated value) or 2 (two) similar type (equal to 50% of the estimated value) or 1 (one) similar type (equal to 80% of the estimated value) in last (5) five years.

Sl.	Description of work	Estimated Amount (Rs.)	Earnest money	Time of completion	Cost of Tender Documents
1.	Isolation of CIMFR, Dhanbad Colony Campus from Office area in view of Security purpose.	1,99,520.00	4000.00	1 Month	500.00
2.	Erection of Store Shade for keeping of testing equipment, Guard room, Gate pillar at Mine Fire Model Gallery.	1,85,348.00	3710.00	2 Months	500.00
3.	Replacement of asbestos cement roofing sheet at Bay no. 1 to Bay no. 8 of Technological Block.	39,372.00	800.00	20 Days	150.00

The following proof of documents in original or duly attested to be produced at the time of issuing tender paper and also to be submitted alongwith submission of tender for verification.

1. Xerox copy of PAN card.
2. Valid Jharkhand Sales Tax, Registration No. and Clearance certificates.
3. Completion certificate along with payment received of three similar works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned Department.

Tenders to be submitted in 2 Bid System

1. Part-I  
(Technical Bid)

Consists of following documents

- a) Proof of documents as mentioned above (1-3)
- b) Earnest Money
- c) Cost of Tender documents (In case of tender document down loading from CIMFR Web site.)

2. Part-II

Consists of following documents

- a) Costing alongwith full specifications of the items involved in the work including all Taxes & Levies as per different laws.

Tender paper will be on sale from 02/07/2008 to 14/07/2008 on payment basis (Non refundable) on all working days of CIMFR up to 3:00 P.M. and will be also available in CIMFR website [www.cmriindia.nic.in](http://www.cmriindia.nic.in), that can be downloaded for submission. Those parties who submit their tenders after down loading, shall be required to pay the above mentioned amount (Cost of Tender Documents) in the form of Account Payee D.D. drawn in favour of Director, CIMFR, Dhanbad payable at SBI, Hirapur, alongwith their Technical Bid.

The Part-I & Part-II are to be individually sealed in separate envelopes and are to be put in a 3<sup>rd</sup> envelope which shall also be sealed and superscribed with the name of work in bold letters, address of the depositors and to be dropped in the Tender Box kept in the Office of the Administrative Officer, CIMFR, Dhanbad, after obtaining date, signature of Administrative Officer / Section Officer on or before 16/07/2008 at 3:00 P.M. and will be opened on the same day at 3:30 P.M., in presence of the intending tenderers or their authorized representatives whoever present themselves at the time of opening of tenders.

- Ø IT IS REQUIRED TO SUBMIT THE COST OF TENDER DOCUMENTS ALONG WITH TECHNICAL BID AS MENTIONED ABOVE.
- Ø EARNEST MONEY SHOULD BE DEPOSITED IN THE FORM OF ACCOUNT PAYEE DEMAND DRAFT PAYABLE AT SBI, HIRAPUR (CODE-1670) DHANBAD IN FAVOUR OF DIRECTOR, CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD.
- Ø INCOMPLETE TENDERS, LATE / DELAYED TENDERS AS WELL AS TENDERS WITHOUT EARNEST MONEY SHALL BE SUMMARILY REJECTED.
- Ø DIRECTOR, CIMFR, RESERVES THE RIGHT OF ACCEPTING ANY TENDER IN PART OR FULL OR REJECTING ALL WITHOUT ASSIGNING ANY REASON.
- Ø LOWEST QUOTING FIRM HAS TO BE SUBMITTED PERFORMANCE GUARANTEE AS PER RULE BEFORE AWARDING THE JOB.

-Sd-  
HOD (Civil)

-Sd-  
Administrative Officer

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**Name of work : Isolation of CIMFR Dhanbad Colony Campus from Office area in view of security purpose**

<i>Sl.</i>	<i>Description of work</i>	<i>Qty.</i>	<i>Rate</i>	<i>Per</i>	<i>Amount</i>
1.	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 in with or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.50m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m. All kinds of soil	9.83		Cum	
2.	P/L flat brick soling including filling of sand in joints and watering etc. complete (1 <sup>st</sup> class brick)	2.26		Sqm	
3.	P/L in position cement concrete of specified grade excluding the cost of centering & shuttering –All work up to plinth level: 1:3:6 (1 cement: 3 coarse sand: 6 grade stone aggregate 40mm nominal size)	0.34		Cum	
	1:2:4 (1 cement: 2 coarse sand: 4 grade stone aggregate 20mm nominal size)	8.77		Cum	
4.	Structural steel work in single section fixed with or without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. If use 65*65*6mm	2131.50		Kg.	
5.	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. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement:1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size)	1.38		Cum	
6.	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete. Cold twisted bars	51.13		Kg	
7.	Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts.	9.20		Sqm	

8.	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15 <sup>th</sup> 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 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 meters cost of total length of barbed wire used. With G.I. barbed wire 18 wire x 350 =	6300.00		R.M.	
9.	Brick work with FPS bricks of class designation 75 in foundation and plinth in: Cement mortar 1:6 (1 cement: 6 coarse sand)	0.32		Cum	
10.	Brick work with FPS bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement: 6 coarse sand)	0.52		Cum	
11.	12 mm cement plaster of mix: 1:6 (1 cement: 6 fine sand)	48.08		Sqm	
12.	Grouting of two M.S. (double shutter) Gate including labour, cement concrete, transporting etc. complete work.	2 Nos.		L.S.	
					(Rs.)

**CENTRAL INSTITUTE OF MINING & FUEL RESEARCH. DHANBAD**

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Name of work: Erection of Store Shade for keeping of testing equipment, Guard room, Gate pillar at Mine Fire Model Gallery.

<i>Sl.</i>	<i>Description of work</i>	<i>Qty.</i>	<i>Rate</i>	<i>Per</i>	<i>Amount</i>
1.	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 disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be leveled and neatly dressed. All kind of soil.	18.00		Cum	
2.	P/L of flat brick flooring with brick of class designation 75 on a bed of 12 mm th. Sand including filling joints of sand etc. Complete work.	30.00		Sqm	
3.	Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: C.M. 1:6 (1 cement: 6 coarse sand)	45.00		Sqm	
4.	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in: Cement Mortar 1:6 (1 cement: 6 coarse sand)	11.00		Cum	
5.	Brick work with machine moulded perforated bricks of class designation 125 conforming to IS: 2222-1991 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement: 6 coarse sand): With F.P.S. bricks.	5.00		Cum	
6.	Providing corrugated G.S. sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead and including a coat of approved paint on overlapping of sheets complete (up to 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.0.80 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	70.00		Sqm	
7.	Providing ridges or hips of width 60 cm over all width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia. G.I. limpet and bitumen washers complete. 0.80 mm thick with zinc coating not less than 275 gm/ m <sup>2</sup>	5.00		R.M.	
8.	Providing half brick work of class designation 75 in cement mortar 1:3 (1 cement:3 coarse sand) in superstructure.	29.00		Sqm	

9.	P/L in position cement concrete of specified grade excluding the cost centering and shuttering – All work up to plinth level. 1:5:10 (1 cement: 5 coarse sand: 10 graded stone aggregate 40 mm nominal size)	1.00		Cum	
10.	Reinforced cement concrete work in beans, suspended floors, roofs having slope up to 15 <sup>0</sup> landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing ad reinforcement with 1: 2: 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size).	2.00		Cum	
11.	Centering and shuttering including strutting, propping etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform.	20.00		Sqm	
12.	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete. Mild steel and Medium Tensile steel bars.	184.00		Kg.	
13.	Steel work in build up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete. Hot finished welded type tubes.	500.00		Kg.	
14.	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.	100.00		Kg.	
15.	P/F expanded metal 20x60 mm strands 3.25 mm wide and 1.60 mm thick for windows etc. including 62x19mm beading of 2 <sup>nd</sup> class teak wood.	24.64		Sqm	
16.	15 mm cement plaster of mix.1:6 (1 cement:6 fine sand)	149.00		Sqm	
17.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	49.64		Sqm	
18.	White washing with lime to give an even shade: New work (three or more coats)	149.00		Sqm	
19.	Finishing walls with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg./10 sqm).	50.00		sqm	
20.	Providing and fixing ISI marked oxidized M.S. sliding door bolts with nuts and screws etc. complete: 300x16 mm	3 Nos.		Each	
21.	Providing and fixing ISI marked oxidized M.S. handles conforming to IS: 4992 with necessary screws etc. complete: 125 mm	3 Nos.		Each	
				(Rs.)	

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Name of work: Replacement of asbestos cement roofing sheet at Bay no. 1 to Bay no. 8 of Technological Block.

<i>Sl.</i>	<i>Description of work</i>	<i>Qty.</i>	<i>Per</i>	<i>Rate</i>	<i>Amount</i>
1.	Dismantling cement asbestos sheet including stacking of serviceable materials and disposal of unserviceable materials within 50m lead including removing of existing tarfelt & staging as per site condition etc. complete.	312.00	Sqm		
2.	Providing and fixing asbestos cement roofing accessories with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete.	240.00	Sqm		
(Rs.)					