

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD

(Council of Scientific & Industrial Research)

Barwa Road, Dhanbad- 826 015 (Jharkhand) INDIA

CIVIL ENGINEERING SECTION

Tenders Documents

for

Execution of

Renovation of IT Centre, Security officer room, room no. 26, 36, 46, 65, 76, 81, 86 at Main building, Library, Ventilation division (TF-5), Calibration cell by providing and fixing of false ceiling, aluminium partition, working table.

In

CIMFR Dhanbad.

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NIT NO.:

Phone: 0091-326-2296023/; Fax : 0091-326-229-6025

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD
(Council of Scientific & Industrial Research)
NOTICE INVITING TENDER

No. 23(367, 368, 369, 370)/2009-GA & QP/GE/01/Civ/P-06/09-10/

Dated: /04/2009

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 cost	Earnest money	Time of completion	Cost of Tender Documents
1.	Renovation of IT Centre, Security officer room, room no. 26, 36, 46, 65, 76, 81, 86 at Main building, Library, Ventilation division (TF-5), Calibration cell by providing and fixing of false ceiling, aluminium partition, working table.	21,08,454=20	42,170=00	4 Months	500=00
2.	Exterior treatment of Staff qtrs. type-I, II, III, IV (Except IV/25 to 32) and Girls Hostel at CIMFR HQ, Barwa Road, Dhanbad.	11,47,694=73	22,955=00	4 Months	500=00
3.	Interior and exterior maintenance along with sanitary, water supply fitting & drainage work at DJH CIMFR (HQ), Dhanbad.	3,50,395=25	7,010=00	45 Days	500=00
4.	Repairing work of CIMFR, Dhanbad at staff qtrs. no. IV/32, V/6, IV/46, 36, 10, III/1, 38, 26C, 21, 20, II/50A, 49B, 48A, 46C, 37, 36, 34, 32, 11, I/30, 24, 10, 8, 2, 1, II/46A, 26, I/19, II/9, SA-II/40, II/2, Electrical (M) Sec., Security Sec., Sub-Post Office, Community Girls Hostel, IV/33, 45	3,58,032=35	7,161=00	45 Days	500=00
5	Renovation of Combustion Section at CIMFR Digwadih Campus	2,08,110=00	4165=00	45 Days	500=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. Valid sales tax, Registration no. & Clearance certificate.
2. Completion certificate alongwith payment received of the 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

(Techno-Commercial Bid)

Consists of following documents

- a) Proof of documents as mentioned above (1-2)
- b) Earnest Money
- c) Cost of Tender documents (In case of tender document down loading from CIMFR Web site.)

2. Part-II

(Price Bid)

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 04/05/2009 to 20/05/2009 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.cimfrindia.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 form of Account Payee D.D. drawn in favour of Director, CIMFR, Dhanbad payable at SBI, Hirapur, alongwith their Technical Bid.

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For Sl no. 5 Tender paper will be available from Civil Engg. Section CIMFR Digwadih Campus and the same will be opened at Administrative Office, CIMFR, Digwadih Campus on the date mentioned above.

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Sd/-
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Sl.	Description of work	Quantity	Unit	Rate (in figure & words)	Amount
1.	Providing and fixing at all height false ceiling including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating of grade 350 as per IS : 277 and consisting of angle cleats of size 25mm wide x 1.6mm thick with flanges of 22mm and 37mm at 1200mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm dia x 40mm long with 6mm dia bolts to the angle hangers of 25x25x0.55mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I. channels 45x15x0.9mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick button wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64mm dia x 230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the board with recommended filler, jointing tapes, finisher and two coats of primer suitable for board as per manufactures specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed all complete as per drawing and specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum board conforming to IS: 2095- Part I.	685.00	Sqm		
2.	Providing and laying polished vitrified floor tiles in different sizes of size 60x60 cm to be specified by the manufacture with water absorption's less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades and fixing of vitrified floor tiles with cement based high polymer modified quick-set tiles adhesive (water based) conforming to IS: 15477, 5kg adhesive per Sqm of tile area in all 3 mm thickness.	102.00	Sqm		

3.	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and paneling to be paid for separately) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15).	850.00	Kg		
4.	Brick work with F.P.S. 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)	5.00	Cum		
5.	12 mm thick cement plaster in cm 1:4 (1 cement : 4 fine sand)	41.00	Sqm		
6.	Providing and fixing 12mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side.	250.00	Sqm		
7.	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) : With float glass panes of 4.0 mm thickness.	85.00	Sqm		
8.	Providing and fixing flat pressed 3 layer particle board medium density exterior grade –I or graded wood particle board IS : 3087 marked to frame backing or studing with screws etc completework.				
a)	12 mm thick	250.00	Sqm		
b)	18 mm thick	150.00	Sqm		
9.	Providing and fixing 25 mm thick shutters for cupboards etc. including ISI marked black enamelled M.S. butt hinges with necessary screws: Second class teak wood	150.00	Sqm		

10.	Labour charge and carpenter charge for dismantling of wooden and ply board of partition structure including stacking of serviceable material near side and same material by making of working table and cupboard shutter work and providing and fixing of marked block enameled M.S. butt hinges with necessary screws etc. complete work.	60.00	Sqm		
11.	Providing and fixing plywood 4 mm thick one side decorative veneer conforming to IS: 1328 (type-1) for plain lining / cladding with necessary screws, priming coat on unexposed surface with: Decorative veneer facings of approved manufacture.	225.00	Sqm		
12.	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : 75 mm	120 nos.	Each		
13.	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : 100x10 mm	120 nos.	Each		
14.	Providing and fixing bright finished brass 100 mm martic latch and lock with 6 levers and a pair of lever handles with necessary screws etc. complete work quality, approved by Civil in-charge including wardrobe knob with necessary screws (best make of approved quality) etc. complete :	120 nos.	Each		
15.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	1750.00	Sqm		
16.	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : Old work (one or more coats).	1750.00	Sqm		
17.	Applying one coat of cement primer of approved brand and manufacture on wall surface : Cement primer.	1750.00	Sqm		
18.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work.	625.00	Sqm		
19.	Providing and applying plaster of paris putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete.	175.00	Sqm		
20.	Providing & fixing homogeneous Polyvinyl chloride sheet / tile in flooring and skirting in approved pattern on a smooth and damp proof base using rubber based adhesives of approved quality and manufacturer like Dunlop S-758, Fevicol SR 998 or equivalent including rolling with light wooden roller weighing about 5 kg. all complete as direct ed by Engineer-in-charge, in approved colour and shade.	475.00	Sqm		

21.	Providing and fixing 4 mm thick plywood plain lining with necessary screws, priming coat on unexposed surface etc. complete with : Teak ply facings of approved manufacture.	75.00	Sqm		
22.	Providing and fixing 15 cm high drawer of the cupboard with 12mm thick base and side planks with wooden handle and 20x25mm runners fixed with screws complete including painting or polishing. Note : Overall plan area of the drawer shall be measured. Second class kail wood	65.00	Sqm		
Total (Rs.)					

Signature of Contractor

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Sl.	Description of work	Quantity	Unit	Rate (in figure & words)	Amount
1.	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	34200.71	Sqm		
2.	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	3985.96	Sqm		
3.	12 mm cement plaster of mix : 1:6 (1 cement : 6 fine sand)	3985.96	Sqm		
4.	Colour washing such as green, blue or buff to give an even shade : New work (two or more coats) with a base coat of white washing with lime.	1819.33	Sqm		
5.	Colour washing such as green blue or buff to give an even shade : Old work (two or more coats) with lime.	8197.83	Sqm		
6.	White washing with lime to give an even shade : Old work (two or more coats)	4098.91	Sqm		
7.	Finishing walls with water proofing cement paint of required shade : New work (two or more coats applied @ 3.84 kg/10 Sqm)	20084.64	Sqm		
8.	Labour charge for uprooting of small papal or unwanted tree on exposed portion of wall including good making of wall etc. complete work.	100 nos.	Each		
9.	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	657.37	Sqm		
Total (Rs.)					

Signature of Contractor

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Name of work: Interior and exterior maintenance along with sanitary, water supply fitting & drainage work at DJH CIMFR (HQ), Dhanbad.

Sl.	Description of work	Quantity	Unit	Rate (in figure & words)	Amount
1.	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	2852.30	Sqm		
2.	Removing of water proofing cement paint by scrapping the surface smooth including necessary repairs to scratches etc.	1310.16	Sqm		
3.	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade one or more coats on old work	843.30	Sqm		
4.	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade one or more coats on old work.	260.08	Sqm		
5.	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. meters and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50metres lead : With cement mortar 1:4 (1 cement : 4 fine sand)	130.00	Sqm		
6.	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	35.00	R.M.		
7.	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. 15 mm dia. nominal bore	130.00	R.M.		
8.	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	16 nos.	Each		
9.	Providing and fixing on wall face un plasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.(i) Single socketed pipes. 75 mm diameter	52.00	R.M.		

10.	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality. Rectangular shape 600x450mm internal dimensions	10 nos.	Each		
11.	Trimming of tree branches including disposal of unserviceable material within 50m lead.	10 nos.	Each		
12.	Providing and laying of flat brick soling with jointing and bed of sand etc. complete work.	6.00	Sqm		
13.	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	34.00	Sqm		
14.	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	0.10	Cum		
15.	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	18 nos.	Each		
16.	Floor polishing on masonry or concrete floors with wax polish of approved brand and manufacture.	350.00	Sqm		
17.	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	5 nos.	Each		
18.	P/F Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required : 460x915 mm bowl depth 178mm	2 nos.	Each		
19.	Providing and fixing white vitreous china water closet squatting pan (Indian type) Long pattern W.C. pan of size 580 mm	5 nos.	Each		
20.	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: 250x130x30 mm	5 Pair	Each		
21.	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. 10 litre capacity – White	8 nos.	Each		

22.	Making and cutting of brick wall 9" thick with necessary cement plaster in cm 1:4 including installation of exhaust fan with grouting of M.S. nut bolt in brick wall in C.C. 1:1½ :3 etc. complete work.	2 nos.	Each		
23.	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	104.00	Sqm		
24.	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade: New work (two or more coats) over and including priming coat with cement primer.	2852.30	Sqm		
25.	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm).	1310.16	Sqm		
26.	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS:8931 and weight not less than 690 gm : 15 mm nominal bore.	16 nos.	Each		
27.	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore.	32 nos.	Each		
28.	Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length: 15 mm nominal bore.	32 nos.	Each		
29.	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	200.00	Sqm		
Total (Rs.)					

Signature of Contractor

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD

(Council of Scientific & Industrial Research)

Barwa Road, Dhanbad- 826 015 (Jharkhand) INDIA

CIVIL ENGINEERING SECTION

Tenders Documents

for

Execution of

Repairing work of CIMFR, Dhanbad at staff qtrs. no. IV/32, V/6, IV/46, 36, 10, III/1, 38, 26C, 21, 20, II/50A, 49B, 48A, 46C, 37, 36, 34, 32, 11, I/30, 24, 10, 8, 2, 1, II/46A, 26, I/19, II/9, SA-II/40, II/2, Electrical (M) Sec., Security Sec., Sub-Post Office, Community Girls Hostel, IV/33, 45.

In

CIMFR Dhanbad.

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NIT NO.:

Phone: 0091-326-2296023/; Fax : 0091-326-229-6025

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD

(Council of Scientific & Industrial Research)

NOTICE INVITING TENDER

No. 23(367,368,369,370)/2009-GA & QP/GE/01/Civ/P-06/09-10/

Dated: /04/2009

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 cost	Earnest money	Time of completion	Cost of Tender Documents
1.	Renovation of IT Centre, Security officer room, room no. 26, 36, 46, 65, 76, 81, 86 at Main building, Library, Ventilation division (TF-5), Calibration cell by providing and fixing of false ceiling, aluminium partition, working table.	21,08,454=20	42,170=00	4 Months	500=00
2.	Exterior treatment of Staff qtrs. type-I, II, III, IV (Except IV/25 to 32) and Girls Hostel at CIMFR HQ, Barwa Road, Dhanbad.	11,47,694=73	22,955=00	4 Months	500=00
3.	Interior and exterior maintenance along with sanitary, water supply fitting & drainage work at DJH CIMFR (HQ), Dhanbad.	3,50,395=25	7,010=00	45 Days	500=00
4.	Repairing work of CIMFR, Dhanbad at staff qtrs. no. IV/32, V/6, IV/46, 36, 10, III/1, 38, 26C, 21, 20, II/50A, 49B, 48A, 46C, 37, 36, 34, 32, 11, I/30, 24, 10, 8, 2, 1, II/46A, 26, I/19, II/9, SA-II/40, II/2, Electrical (M) Sec., Security Sec., Sub-Post Office, Community Girls Hostel, IV/33, 45	3,58,032=35	7,161=00	45 Days	500=00
5	Renovation of Combustion Section at CIMFR Digwadih Campus	2,08,110=00	4165=00	45 Days	500=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.

- Valid sales tax, Registration no. & Clearance certificate.
- Completion certificate alongwith payment received of the 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

(Techno-Commercial Bid)

Consists of following documents

- Proof of documents as mentioned above (1-2)
- Earnest Money
- Cost of Tender documents (In case of tender document down loading from CIMFR Web site.)

2. Part-II

(Price Bid)

Consists of following documents

- 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 04/05/2009 to 20/05/2009 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.cimfrindia.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 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 3rd 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 26/05/2009 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.

For Sl no. 5 Tender paper will be available from Civil Engg. Section CIMFR Digwadih Campus and the same will be opened at Administrative Office, CIMFR, Digwadih Campus on the date mentioned above.

- **IT IS REQUIRED TO SUBMIT THE COST OF TENDER DOCUMENTS ALONG WITH TECHNICAL BID AS MENTIONED ABOVE.**
- **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.**
- **INCOMPLETE TENDERS, LATE / DELAYED TENDERS AS WELL AS TENDERS WITHOUT EARNEST MONEY SHALL BE SUMMARILY REJECTED.**
- **DIRECTOR, CIMFR, RESERVES THE RIGHT OF ACCEPTING ANY TENDER IN PART OR FULL OR REJECTING ALL WITHOUT ASSIGNING ANY REASON.**
- **LOWEST QUOTING FIRM HAS TO BE SUBMITTED PERFORMANCE GUARANTEE AS PER RULE BEFORE AWARDING THE JOB.**
- **ESTIMATE BASED ON DSR-2007 & Local market.**

D/CIMFR may kindly approve for press, advertisement through the following agency in approved rate DAVP as applicable to Govt. Deptt.

- The Telegraph, Kolkata Publication (English daily)
- Times of India, New Delhi
- Hindustan, Dhanbad Edition (Hindi Local) - Pointer advertisement

Name of Media - M/s. Union Publicity Bureau,

34B, Ballygunge Gardens, Golpark, Kolkata - 700 019.

Sd/-
Head, Civil

Sd/-
Co-ordinator, Civil

Sd/-
A.O.

D/CIMFR

CENTAL INSTITUTE OF MINING & FUEL RESEARCH, DHANBAD

(Council of Scientific & Industrial Research)

Name of work: Repairing work of CIMFR, Dhanbad at staff qtrs. no. IV/32, V/6, IV/46, 36, 10, III/1, 38, 26C, 21, 20, II/50A, 49B, 48A, 46C, 37, 36, 34, 32, 11, I/30, 24, 10, 8, 2, 1, II/46A, 26, I/19, II/9, SA-II/40, II/2, Electrical (M) Sec., Security Sec., Sub-Post Office, Community Girls Hostel, IV/33, 45.

Sl.	Description of work	Quantity	Unit	Rate (in figure & words)	Amount
1.	Excavation work 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 soils as directed, within a lead of 50m. Ordinary rock	14.444	Cum		
2.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
a)	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	0.168	Cum		
b)	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size).	6.420	Cum		
c)	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	1.260	Cum		
d)	1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size).	1.053	Cum		
3.	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° 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 and reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	2.183	Cum		
4.	Centering and shuttering including strutting, propping etc. and removal of form for : Shelves (Cast in situ).	26.26	Sqm		
5.	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. Cold twisted bars	324.96	Kg		
6.	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)	1.863	Cum		
7.	Brick work with F.P.S. 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).	14.272	Cum		

8.	Half brick masonry with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand).	13.61	Sqm		
9.	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.	608.28	Sqm		
10.	12 mm cement plaster of mix 1:4 (1 cement : 4 coarse sand)	438.28	Sqm		
11.	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement : 4 fine sand)	165.09	Sqm		
12.	6 mm cement plaster of mix : 1:3 (1 cement: 3 fine sand)	19.08	Sqm		
13.	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : In 75x75mm deep chase	56.40	Mtr.		
14.	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. 1:3:6 or richer mix.	17.72	Cum		
15.	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	336.07	Sqm		
16.	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of : R.C.C.	31 nos.	Each		
17.	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	58.70	Kg		
18.	Supplying at site : R.C.C. Standards post/ struts/rails/ pales of mix 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 12.5 mm nominal size) with wooden plugs or 6mm bar nibs wherever required as per direction of Engineer-in-charge including fixing (cost of earth works in excavation, concrete works in foundation to be paid separately).	4.088	Cum		
19.	Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire 9.38 kg per 100 metres (min) between the two	1290.26	Mtr.		

	posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire				
20.	Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th 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 metre cost of total length of barbed wire used. With G.I. barbed wire	56.25	Mtr.		
21.	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.	15.75	Kg		
22.	Providing and laying one brick flat soling including filling the joints with sand	154.40	Sqm		
23.	Providing and fixing glass pieces on the top of boundary wall in cement mortar 1:4 20 mm thick.	12.00	Mtr		
24.	Fixing of M.S. gate in brick pillar including cutting pocket, grouting and finishing with cement plaster				
a)	Single leaf	1 no.	Each		
b)	Double leaf	2 nos.	Each		
Total (Rs.)					

Signature of Contractor

INSTRUCTION TO BIDDER

1. Tenders are hereby invited for the work of 1) Renovation of IT Centre, Security officer room, room no. 26, 36, 46, 65, 76, 81, 86 at Main building, Library, Ventilation division (TF-5), Calibration cell by providing and fixing of false ceiling, aluminium partition, working table 2) Exterior treatment of Staff qtrs. type-I, II, III, IV (Except IV/25 to 32) and Girls Hostel at CIMFR HQ, Barwa Road, Dhanbad. 3) Interior and exterior maintenance along with sanitary, water supply fitting & drainage work at DJH CIMFR (HQ), Dhanbad. 4) Repairing work of CIMFR, Dhanbad at staff qtrs. no. IV/32, V/6, IV/46, 36, 10, III/1, 38, 26C, 21, 20, II/50A, 49B, 48A, 46C, 37, 36, 34, 32, 11, I/30, 24, 10, 8, 2, 1, II/46A, 26, I/19, II/9, SA-II/40, II/2, Electrical (M) Sec., Security Sec., Sub-Post Office, Community Girls Hostel, IV/33, 45. 5) Renovation of Combustion Section at CIMFR Digwadih Campus from contractors of appropriate class of CPWD, State, PWD, Railways, MES, Post & Telegraph Department, Defence and/ or from those who have carried, out similar, works for CSIR and Semi-Govt. Organisations 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 the last 5 (five) years. The tenders are required to produce proof of fulfilling these conditions alongwith latest Income Tax Clearance Certificate while making request for issue to Tender documents.
2. Estimated cost is Rs. . 1) 21,08,454=20 (Rupees twenty one lakhs eight thousand four hundred fifty four & paise twenty only) 2) 11,47,694=73 (Rupees eleven lakhs forty seven thousand six hundred ninety four & paise seventy three only), 3) 3,50,395=25 (three lakhs fifty thousand three hundred ninety five & paise twenty five only) 4) 3,58,032=35 (three lakhs fifty eight thousand thirty two & paise thirty five only). 5) 2,08,110=00 (Two lakhs eight thousand one hundred & ten only).
3. Time for carrying out the work will be (04) four months each for Sl. no. 1 & 2, (45) Forty five days each for Sl no. 3, Sl.no . 4 & Sl. no. 5 and the date of commencement shall be reckoned from the tenth day of issue of award letter.
4. Complete Contract documents to be compiled with by the tenderer whose tender may be accepted can be seen at the office of Civil Engineering Section, CIMFR, Dhanbad, for Sl. no. 1to 4 and Civil Engineering Section, CIMFR, Digwadih Campus for Sl. no. 5.
5. Tenders should be on the specified form (Non-transferable) which may be obtained from the office of Administrative Officer, CIMFR, Dhanbad for Sl. no. 1to 4 and Administrative Officer, CIMFR, Digwadih for Sl. no. 5 during office hours on payment of Rs. 500/- each. In case (non-refundable) and will be also available in CIMFR website www.cmriindia.nic.in, (*except sl no. 5*) 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. Sale of tenders shall be stopped two days before the date of opening of tenders.
6. Tenders should be submitted in double sealed covers superscribed with the name of the work, date and time of opening written both on the inner and outer envelopes. They will be received upto 3.00 P.M. on 26/05/2009 and will be opened at 3.30 P.M. on same day in the office of Administrative Officer, CIMFR, Dhanbad & Administrative Officer, CIMFR, Digwadih Tenders should be dropped in the tender box before the closing date and time indicated. CIMFR will not be held responsible for delay, loss or non-receipt of application or tender document of either side if sent by post and will not entertain any correspondence in this regard. (Tenders sent by Telex/Telegram/Fax/E-mail/Post).
7. The Earnest Money amounting to Rs. 1) 42,170=00 (Rupees forty two thousand one hundred & seventy only) 2) 22,955=00 (Rupees twenty two thousand nine hundred fifty five only), 3) 7,010=00 (Rupees seven thousand ten only) 4) 7,161=00 (Rupees seven thousand one hundred & sixty one only). 5) 4,165=00 (Rupees four thousand one hundred & sixty five only). as demand draft or pay order of a schedule band and drawn in favour of Director CIMFR, Dhanbad should accompany the tender. Tenders received without earnest money will be invalid.
8. The employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tenderer shall be bound to perform the same at the rates quoted.
9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tender shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in grade between Controlled of Administration and Junior Engineer, (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.

NOTE : *A person shall be deemed to be a relative of another if, and only if, (a) they are members of a Hindu undivided family or (b) they are husband and wife or (c) the one is related to the other in the following manner : father's, mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), father's father, son's son, Son's son's wife, son's daughter husband, Daughter's husband, Daughter's son. Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.*

11. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.
12. The tenderer shall quote rates both in figures and words. He shall also work-out the amount for each item or work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him the following procedure shall be followed :
 - i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.
 - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - iii) When the rate quoted by tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
13. The tenderer should see drawings and in case of doubt obtain required particulars, which may in any way influence his tender from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.
14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, Installations of tools and plants (T & P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.
15. Earnest money will be forfeited if the contractor falls to commence the work as per letter of award.
16. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted alongwith the tender.
17. Some of the provisions of General Conditions of Contract are given below. Interpretation how ever shall be as given in the General Conditions of Contract.
 - a) DEFECTS LIABILITY PERIOD: TWELVE months from the date of completion as certified by the Employer.
 - b) MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE: Rs.----- (Rupees -----). Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.
 - c) SECURITY DEPOSIT : Security deposit shall be deducted from the running bills of 10% of the gross value of work done and measured inclusive of Earnest Money subject to a maximum of Rs. ----- (Rupees -----)
 - d) COMPENSATION : Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of the whole work shown in the agreement, for every week that the work remains uncommenced or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of work as showing in the agreement.
18. Schedule showing approximate quantity of materials to be supplied by the Employer under Clause : 6 of the General conditions of contract for works contracted to be executed and the rates at which they are to be charged for :

Particulars of materials	Approx. Qty.	Rates at which the material will be charged to the contractor			Place of delivery
		Unit	(Rs.) (Figure)	Rupees (Words)	

NOTE : The Tenderer shall ensure that particulars in the above form are filled in by the Engineer before he submits the tender.

19. For all specialist jobs e.g. lights for conditioning, Public address, fire protection, security surveillance and building management systems, technical (covering also general conditions and commercial terms) and financial offers will be given separately in two sealed covers.

20 a) Issue of cement and steel are subjected to availability in CIMFR Stores and the recovery of materials will be made as stated in SI No. 18 of BOQ, in case issue is made from CIMFR Stores.

b) In case of non-availability of materials i.e. cement and steel in CIMFR Store, the agency has to procure the same after obtaining due authorization from the department and the materials to be got approved by the Engineer-in-Charge and materials brought to site are to be entered in store's ledger before using the same to work. No extra carrying cost for transportation of materials will be paid by the department.

Cement to be used - Fresh Portland cement of 15 specification IS-1911-1967.

Steel to be used - Top steel of required section drawn from SAIL, Billets of ISI specifications.