

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

Repair & Maintenance of Masonry work at Office Area

In

CIMFR Dhanbad.

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NIT NO.:

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

E-mail : dcmrips@yahoo.co.in

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

NOTICE INVITING TENDER
(*Displaying in Notice Boards*)

No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.
- Ø GENERAL CONDITIONS OF CONTRACT OF CIMFR/CSIR WILL BE FOLLOWED DURING EXECUTION OF THE AGREEMENT AND IT WILL BE AVAILABLE AT CIVIL ENGG. SECTION.

-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

1. The Telegraph, Kolkata Publication (English daily)
2. Hindustan Times, New Delhi Publication (English National)
3. Hindustan, Dhanbad Edition (Hindi Local) – Pointer advertisement

Name of Media – Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata – 700 019.

A.O.
Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for masonry work at Office area**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|--|---------|---------|------|--------|
| 1. | Earth work in excavation over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed | | | | |
| a | All kinds of soil | 20.00 | Cum | | |
| 2. | Earth work in excavation 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 | | | | |
| a | All kinds of soil | 20.00 | Cum | | |
| 3. | Filling available excavated earth (excluding rock) in 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 up to 1.5 m. | 25.00 | Cum | | |
| 4. | Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5m : | | | | |
| a | All kinds of soil. | 2000.00 | 100 sqm | | |
| 5. | Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30 cm measured at a height of 1 m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared. | 2500.00 | 100 sqm | | |
| 6. | Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared. | 1500.00 | 100 sqm | | |
| 7. | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level | | | | |
| a | 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) | 5.00 | Cum | | |
| b | 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) | 5.00 | Cum | | |
| c | 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) | 5.00 | Cum | | |
| 8. | Providing and fixing upto floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases etc. including hoisting and setting in position with cement mortar 1:3 (1 cement: 3 coarse sand), cost of required centering, shuttering and finishing smooth 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete: | | | | |
| a | 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) | 1.00 | Cum | | |
| 9. | Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto 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 20mm nominal size) upto floor five level. | 3.00 | Cum | | |
| 10. | Centering and shuttering including strutting, propping etc. and removal of form for: removal of form for: | | | | |

| | | | | | |
|-----|--|--------|-------|--|--|
| | Lintels, beams, plinth beams, girders, bressumers and cantilevers. | 20.00 | Sqm | | |
| | Columns, Pillars, Piers, Abutments, Posts and Struts | 10.00 | Sqm | | |
| 11 | Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering, finishing smooth with 6 mm thick cement plaster 1:3 (1 cement: 3 fine sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement: 2 coarse sand; 4 graded stone aggregate 20 mm nominal size) | 1.00 | Cum | | |
| 12. | Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete . | | | | |
| a | Mild steel and Medium Tensile steel bars | 500.00 | Kg. | | |
| 13. | Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in : | | | | |
| a | Cement mortar 1:6 (1 cement : 6 coarse sand) | 5.00 | Cum | | |
| 14. | 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 : | | | | |
| a | Cement mortar 1:6 (1 cement : 6 coarse sand) | 10.00 | Cum | | |
| 15. | Half brick masonry with bricks of class designation 75 in foundations and plinth in : | | | | |
| a | Cement mortar 1:4 (1 Cement : 4 coarse sand) | 10.00 | sqm | | |
| 16. | Half brick masonry with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level. and plinth in. | | | | |
| a | Cement mortar 1:4 (1 Cement : 4 coarse sand) | 15.00 | sqm | | |
| 17. | Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: | | | | |
| a | 1:6 (1cement : 6 coarse sand) | 10.00 | sqm | | |
| 18. | 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. | | | | |
| a | 40mm thick with 20mm nominal size stone aggregate | 350.00 | sqm | | |
| 19. | Cement plaster skirting (upto 30 cm height) with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement. | | | | |
| a | 18 mm thick | 20.00 | sqm | | |
| 20. | Providing corrugated G.S. sheet roofing including vertical/curved 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 steel primer and two coats of approved paint on overlapping of sheets 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. | | | | |
| a | 1.00mm thick with zinc coating not less than 275gm/m ² | 100.00 | sqm | | |
| 21. | Providing gola 75 x 75mm 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 : | | | | |
| a | In 75x75mm deep chase | 150.00 | metre | | |
| 22. | 12 mm cement plaster of mix : | | | | |
| a | 1:4 (1 cement : 4 fine sand) | 300.00 | sqm | | |
| 23. | 12 mm cement plaster finished with a floating coat of neat cement of mix : | | | | |

| | | | | | |
|-------|--|--------|-------|--|-------|
| a | 1:4 (1 cement : 4 fine sand) | 200.00 | sqm | | |
| 24. | 6mm cement plaster to ceiling of mix: | | | | |
| a | 1:3 (1 cement : 3 fine sand) | 100.00 | sqm | | |
| 25. | Demolishing cement concrete including disposal of material within 50 metres lead : | | | | |
| a | 1:3:6 or richer mix | 20.00 | cum | | |
| 26. | Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead: as per direction of Engineer-in-charge: In cement mortar | 10.00 | cum | | |
| 27. | 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. | 50.00 | each | | |
| 28. | Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead. | 150 | kg. | | |
| 29. | 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 6 mm 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) | 2.00 | cum | | |
| 30. | Fencing with R.C.C. 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 one side only, provided with horizontal lines and two diagonals of barbed wire 9.38 kg per 100 metres (min) between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar bibs 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. | | | | |
| a | With G. I. barbed wire. | 600.00 | metre | | |
| 31. | Providing and laying four courses water proofing treatment with bitumen felt over roofs consisting of first and third courses of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45 Kg per square metre of area for each course, second course of roofing felt type 3 grade-I (hessian based self finished bitumen felt)and fourth and final course of stone grit 6 mm and down size or pre-sized gravel spread at 6 cubic diameter per square metre including preparation of surface but excluding grading complete with | 100.00 | sqm | | |
| Extra | Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 91 Cement: 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete. | 10.00 | sqm | | |
| Extra | P/L flat brick soling including sand in bed and joint by local sand | 350.00 | sqm | | |
| | | | | | (Rs.) |

Signature of the contractor

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Barwa Road, Dhanbad- 826 015 (Jharkhand) INDIA

CIVIL ENGINEERING SECTION

Tenders Documents

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Execution of

Repair & Maintenance of Finishing work at Office Area

In

CIMFR Dhanbad.

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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.

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- 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.
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-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

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- 3.Hindustan, Dhanbad Edition (Hindi Local) - Pointer advertisement

Name of Media - Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata - 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for finishing work at Office area**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|---|------|-----|------|--------|
| 1. | Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete | 2500 | sqm | | |
| 2. | 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 | 9500 | sqm | | |
| 3. | Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, racking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead | | | | |
| | With cement mortar 1:4 (1 cement : 4 fine sand) | 1000 | sqm | | |
| 4. | Providing and applying plaster of paris putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete | 950 | sqm | | |
| 5. | Applying one coat of cement primer of approved brand and manufacture on wall surface : | | | | |
| | Cement primer | 2500 | sqm | | |
| 6. | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade | | | | |
| | New work (two or more coats) over and excluding priming coat with cement primer | 2150 | Sqm | | |
| 7 | Distemping 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 | 6200 | Sqm | | |
| 8. | Finishing walls with water proofing cement paint of required shade: | | | | |
| | New work (Two or more coats applied @ 3.84 kg/10 sqm) | 8590 | sqm | | |
| | Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat | 6250 | sqm | | |
| 9. | Finishing walls with Acrylic smooth exterior paint of required shade | | | | |
| | Old work (Two or more coat applied @ 1.67 ltr/10sqm) on existing cement paint surface | 150 | Sqm | | |
| | Old work (One or more coat applied @ 0.90 ltr/10sqm) | 50 | Sqm | | |
| 10. | Finishing walls with premium Acrylic smooth exterior paint with Silicone additives of required shade | | | | |
| | Old work (Two or more coats applied @ 1.43 ltr/10sqm) over existing cement paint surface | 125 | Sqm | | |
| | Old work (One or more coats applied @ 0.83 ltr/10sqm) | 100 | Sqm | | |
| 11. | Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade | | | | |
| | One or more coats on old work. | 250 | Sqm | | |
| 12. | Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade | | | | |

| | | | | | |
|-----|---|------|-------|--|-------|
| | Two or more coats on new work. | 150 | Sqm | | |
| 13. | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work. | 650 | Sqm | | |
| 14. | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: | | | | |
| | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture | 200 | Sqm | | |
| 15. | Renewing glass panes, with putty and nails wherever necessary: Float glass panes of thickness 4 mm | 25 | Sqm | | |
| 16. | White washing with lime to give an even shade: Old work (two or more coats) | 1875 | sqm | | |
| 17. | Colour washing such as green, blue or buff to give an even shade : Old work (two or more coats) with lime | 750 | sqm | | |
| 18. | Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade Old work (one or more coats) | 1500 | sqm | | |
| 19. | 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. | 2500 | sqm | | |
| 20. | Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with black anticorrosive bitumestic paint of approved brand and manufacture on old work | | | | |
| | 75 mm diameter pipes | 50 | metre | | |
| | 100 mm diameter pipes | 100 | metre | | |
| | 150 mm diameter pipes | 75 | metre | | |
| 21. | Painting with aluminium paint of approved brand and manufacture to give an even shade: | | | | |
| | One or more coats on old work. | 750 | sqm | | |
| 22. | Polishing on wood work with ready made wax polish of approved brand and manufacture. Old work. | 525 | Sqm | | |
| 23. | Floor polishing on masonry or concrete floors with wax polish of approved brand and manufacture. | 1500 | sqm | | |
| | | | | | (Rs.) |

Signature of the 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

Repair & Maintenance of Masonry work at Colony Area

In

CIMFR Dhanbad.

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NIT NO.:

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

E-mail : dcmrips@yahoo.co.in

NOTICE INVITING TENDER
(Displaying in Notice Boards)

No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.
- Ø GENERAL CONDITIONS OF CONTRACT OF CIMFR/CSIR WILL BE FOLLOWED DURING EXECUTION OF THE AGREEMENT AND IT WILL BE AVAILABLE AT CIVIL ENGG. SECTION.

-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

- 1.The Telegraph, Kolkata Publication (English daily)
- 2.Hindustan Times, New Delhi Publication (English National)
- 3.Hindustan, Dhanbad Edition (Hindi Local) – Pointer advertisement

Name of Media – Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata – 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : AMC for masonry work at Colony area

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|---|---------|--------|------|--------|
| 1. | Earth work in excavation over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m; disposed earth to be levelled and neatly dressed | | | | |
| a | Ordinary rock | 15.00 | cum | | |
| 2. | Earth work in excavation 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 | | | | |
| a | All kinds of soil. | 45.00 | cum | | |
| 3. | Filling available excavated earth (excluding rock) in 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 up to 1.5 m. | 20.00 | cum | | |
| 4. | Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5m : | | | | |
| a | All kinds of soil. | 2000.00 | 100sqm | | |
| 5. | Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared | 1500.00 | 100sqm | | |
| 6. | Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level | | | | |
| a | 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) | 10.00 | cum | | |
| b | 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) | 7.50 | cum | | |
| c | 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) | 5.00 | cum | | |
| 7. | Providing and fixing upto floor five level precast cement concrete string or lacing courses, copings, bed plates, anchor blocks, plain window sills, shelves, louvers, steps, stair cases, etc. including hoisting and setting in position with cement mortar 1:3 (1 cement:3 coarse sand), cost of required centering, shuttering and finishin smooth with 6 mm thick cement plaster 1:3 (1 cement: 3 fine sand) on exposed surfaces complete. | | | | |
| a | 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) | 1.00 | cum | | |
| 8. | Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15°, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement with 1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) | 8.00 | cum | | |
| 9. | Centring and shuttering including strutting, propping etc. and removal of form for: | | | | |
| a | Lintels, beams, plinth beams, girders, bressumers and cantilevers. | 75.00 | sqm | | |

| | | | | | |
|-----|--|--------|-----|--|--|
| b | Columns, Pillars, Piers, Abutments, Posts and Struts | 50.00 | sqm | | |
| 10. | Providing, hoisting and fixing upto floor five level precast reinforced cement concrete in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering, finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size.) | 1.00 | cum | | |
| 11. | Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete . | | | | |
| a | Mild steel and Medium Tensile steel bars | 750.00 | kg. | | |
| 12. | Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in : | | | | |
| a | Cement mortar 1:6 (1 cement : 6 coarse sand) | 15.00 | Kg. | | |
| 13. | 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 : | | | | |
| a | Cement mortar 1:6 (1 cement : 6 coarse sand) | 25.00 | Cum | | |
| 14. | Half brick masonry with bricks of class designation 75 in foundations and plinth in : | | | | |
| a | Cement mortar 1:4 (1 Cement : 4 coarse sand) | 15.00 | Sqm | | |
| 15. | Half brick masonry with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level. and plinth in. | | | | |
| a | Cement mortar 1:4 (1 Cement : 4 coarse sand) | 50.00 | Sqm | | |
| 16. | Brick on edge flooring with bricks of class designation 75 including cement slurry etc. complete in cement mortar with F.P.S. bricks: | | | | |
| a | 1:6 (1 cement : 6 coarse sand) | 45.00 | Sqm | | |
| 17. | 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. | | | | |
| b | 40mm thick with 20mm nominal size stone aggregate | 800.00 | Sqm | | |
| 18. | Cement plaster skirting (upto 30 cm height) with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement. | | | | |
| a | 18 mm thick | 12.00 | sqm | | |
| 19. | 40mm thick marble chips flooring rubbed and polished to granolithic finish, under layer 34mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size) and top layer 6mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume including cement slurry etc. complete : | | | | |
| a | Light shade pigment with white cement | 50.00 | sqm | | |
| 20. | Marble chips skirting (upto 30 cm height) rubbed and polished to granolithic finish, top layer 6mm thick with white, black, chocolate, grey, yellow or green marble chips of sizes from smallest to 4 mm nominal size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 marble chips) by volume : | | | | |
| | 18 mm thick with under layer 12 mm thick in cement plaster 1:3 (1 cement : 3 coarse sand)- | | | | |
| a | Light shade pigment with white cement. | 25.00 | sqm | | |

| | | | | | |
|-----|--|--------|-------|--|--|
| 21. | Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture) of approved make in all colour, shades except burgunday, bottle green, black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12 mm thick bed od cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete | 40.00 | sqm | | |
| 22. | Providing corrugated G.S. sheet roofing including vertical/curved 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 steel primer and two coats of approved paint on overlapping of sheets 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. | | | | |
| a | 1.00mm thick with zinc coating not less than 275gm/m ² | 50.00 | sqm | | |
| 23. | Providing asbestos cement 6 mm thick corrugated sheets roofing and fixing with polymer coated J, or L hooks, bolts and nuts 8mm dia. G.I. plain and bitumen washers complete excluding the cost of purlins, rafters and trusses: corrugated sheets | | | | |
| a | Upto 60 degrees pitch | 35.00 | sqm | | |
| 24. | Providing gola 75 x 75mm 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 : | | | | |
| a | In 75x75mm deep chase | 300.00 | metre | | |
| 25. | 12 mm cement plaster of mix : | | | | |
| a | 1:4 (1 cement : 4 fine sand) | 800.00 | sqm | | |
| 26. | 12 mm cement plaster finished with a floating coat of neat cement of mix : | | | | |
| a | 1:4 (1 cement : 4 fine sand) | 400.00 | Sqm | | |
| 27. | 6mm cement plaster to ceiling of mix: | | | | |
| a | 1:3 (1 cement : 3 fine sand) | 250.00 | Sqm | | |
| 28. | Demolishing cement concrete including disposal of material within 50 metres lead : | | | | |
| a | 1:3:6 or richer mix | 25.00 | Cum | | |
| 29. | Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead: as per direction of Engineer-in-charge | | | | |
| | In cement mortar | 15.00 | Cum | | |
| 30. | Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of : | | | | |
| a | R.C.C. | 100.00 | Each | | |
| 31. | Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead | 200.00 | Kg. | | |
| 32. | 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 aggregatte 12.5 mm nominal size) with wooden plugs or 6 mm bar nibs wherever required as per durement of Engineer-in-charge including fixing (cost of earth works in excavation, concrete works in foundation to be paid separately). | 2.50 | Cum | | |

| | | | | | |
|-------|---|---------|-------|--|-------|
| 33. | Fencing with R.C.C. post placed at required distance, embedded in cemen concree blocks, every 15 th 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 posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar bibs fixed while casting the post (cost of R.C.C. psts, struts, earth work and concrete to be paid for separately):- Payment to be made per metre cost of total length of barbed wire used. | | | | |
| a | With G. I. barbed wire. | 1000.00 | metre | | |
| 34. | Providing and laying four courses water proofing treatment with bitumen felt over roofs consisting of first and third courses of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45 Kg per square metre of area for each course, second course of roofing felt type 3 grade-I (hessian based self finished bitumen felt)and fourth and final course of stone grit 6 mm and down size or pra-sized gravel spread at 6 cubic diameter per square metre including preparation of surface but excluding grading complete with | | | | |
| a | With G.I. barbed wire | 100.00 | Sqm | | |
| Extra | P/L flat brick soling including sand in bed and joint by local sand | 250.00 | sqm | | |
| | | | | | (Rs.) |

Signature of the 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

Repair & Maintenance of Finishing work at Colony Area

In

CIMFR Dhanbad.

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NOTICE INVITING TENDER
(*Displaying in Notice Boards*)

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(Technical Bid)

Consists of following documents

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A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for finishing work at Colony area.**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|---|-------|-----|------|--------|
| 1. | Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete | 6250 | sqm | | |
| 2. | 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 | 8000 | sqm | | |
| 3. | Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, racking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dumping ground within 50 metres lead | | | | |
| | With cement mortar 1:4 (1 cement : 4 fine sand) | 1000 | sqm | | |
| 4. | Providing and applying plaster of paris putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete | 500 | sqm | | |
| 5. | Applying one coat of cement primer of approved brand and manufacture on wall surface : | | | | |
| | Cement primer | 3000 | sqm | | |
| 6. | Distemping with dry distemper of approved brand and manufacture (two or more coats) and of required shade on new work, over and including priming coat of whitening to give an even shade. | 1000 | sqm | | |
| 7. | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade | | | | |
| | On existing surface (two or more coats) over and excluding priming coat with cement primer | 10000 | sqm | | |
| 8. | Finishing walls with water proofing cement paint of required shade: | | | | |
| | Old work (one or more coats applied @ 2.20 kg/10 sqm) over priming coat of primer applied @ 0.80 litres/10 sqm complete including cost of Priming coat | 875 | sqm | | |
| 9. | Renewing glass panes, with putty and nails wherever necessary: Float glass panes of thickness 4 mm | 15 | Sqm | | |
| 10. | White washing with lime to give an even shade: Old work (two or more coats) | 4000 | sqm | | |
| 11. | Colour washing such as green, blue or buff to give an even shade: Old work (two or more coats) with lime | 2500 | sqm | | |
| 12. | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade Old work (one or more coats) | 1500 | sqm | | |
| 13. | 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. | 8500 | sqm | | |

| | | | | | |
|-----|---|------|-------|--|-------|
| 14. | Painting (one or more coats) on rain water, soil, waste and vent pipes and fittings with black anticorrosive bitumestic paint of approved brand and manufacture on old work | | | | |
| | 75 mm diameter pipes | 50 | metre | | |
| | 100 mm diameter pipes | 100 | metre | | |
| | 150 mm diameter pipes | 75 | metre | | |
| 15. | Painting with aluminium paint of approved brand and manufacture to give an even shade: | | | | |
| | One or more coats on old work. | 500 | sqm | | |
| 16. | Floor polishing on masonry or concrete floors with wax polish of approved brand and manufacture. | 1500 | sqm | | |
| | | | | | (Rs.) |

Signature of the 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

Repair & Maint. of Sanitary, Water Supply & Drainage work at Office Area

In

CIMFR Dhanbad.

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No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.
- Ø GENERAL CONDITIONS OF CONTRACT OF CIMFR/CSIR WILL BE FOLLOWED DURING EXECUTION OF THE AGREEMENT AND IT WILL BE AVAILABLE AT CIVIL ENGG. SECTION.

-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

1. The Telegraph, Kolkata Publication (English daily)
2. Hindustan Times, New Delhi Publication (English National)
3. Hindustan, Dhanbad Edition (Hindi Local) – Pointer advertisement

Name of Media – Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata – 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for Sanitary water supply, drainage work at Office area**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|--|------|-------|------|--------|
| 1. | Providing and fixing on wall face unplasticised - 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 including dismantling of the existing one if applicable. | | | | |
| a | 75 mm diameter | 60 | metre | | |
| b | 110 mm diameter | 50 | Metre | | |
| 2 | Providing and fixing water closet squatting pan (Indian type W.C. Pan) with 100 mm sand cast iron P or s trap, 10 litre low level white P.V.C. flushing cistern with manually controlled device (handle leve) conforming to IS : 7231 , with all fittings and fixtures complete including cutting and making good the walls and floors wherever required: including dismantling of the existing one if applicable. | | | | |
| a | White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests. including dismantling of the existing one if applicable. | 2 | Each | | |
| 3 | Providing and fixing white vitreous china pedestal type water colset (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern with manually controlled devide (handle leve), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required: including dismantling of the existing one if applicable. | | | | |
| | W.C. pan with ISI marked white solid plastic seat and lid | 2 | Each | | |
| 4 | Providing and fixing white vitreous china flat back half stall urinal of size580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass including painting of fittings and cutting and making good the walls and floors wherever required: including dismantling of the existing one if applicable. | | | | |
| a | Single half stall urinal with 5 liter P.V.C. automatic flushing cistern. | 5 | each | | |
| b | Range of two half stall urinals with 5 litre P.V.C. Automatic flushing cistern. | 4 | each | | |
| c | Range of three half stall urinals with 10 litre P.V.C. automatic flushing cistern. | 4 | each | | |
| d | Range of four half stall urinals with 10 litre P.V.C. automatic flushing cistern. | 2 | each | | |
| 5 | 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 : including dismantling of the existing one if applicable. | | | | |
| a | White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps. | 4 | each | | |
| b | White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap | 4 | each | | |
| c | White Vitreous China Wash basin size 550x400 mm with a pair 15 mm C.P. brass pillar taps. | 6 | each | | |
| d | White Vitreous China flate back Wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap. | 4 | each | | |
| e | White Vitreous China Angle back wash basin size 600x480 mm with single 15 mm C.P. brass pillar tap. | 4 | each | | |
| 6 | Providing and fixin white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. | 10 | each | | |

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| 7 | Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required. including dismantling of the existing one if applicable. | | | | |
| | White glazed fire clay kitchen sink of size 600x450x250 mm | 10 | each | | |
| 8 | Providing and fixing 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: including dismantling of the existing one if applicable. | | | | |
| | Kitchen sink with drain board | | | | |
| a | 510x1040 mm bowl depth 250 mm | 2 | each | | |
| b | 510x1040 mm bowl depth 225 mm | 2 | each | | |
| 9 | Providing and fixing white vitreous laboratory sink with C.I. Brackets, C.P. brass chain with rubber plug 40 mm C.P. brass waste and 40 mm C.P. brass trap with necessary C.P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required: including dismantling of the existing one if applicable. | | | | |
| a | Size 450x300x150 mm | 8 | each | | |
| b | Size 600x450x200 mm | 5 | each | | |
| 10 | Providing and fixing white vitreous china water closet squatting pan (Indian type) including dismantling of the existing one if applicable. | | | | |
| | Long pattern W.C. pan of size 580 mm | 5 | each | | |
| | Orissa pattern W.C. pan of size 580x 440 mm | 8 | each | | |
| 11 | Extra for using coloured W.C. pan instead of white W. C. pan including dismantling of the existing one if applicable. | | | | |
| | Orissa pattern W.C. pan 580x440 mm | 5 | each | | |
| 12 | Providing and fixing white vitreous china pedestal type (European type/wash down type) water closet pan. including dismantling of the existing one if applicable. | 10 | each | | |
| 13 | Extra for using coloured pedestal type W.C. pan (European type) with low level cistern of same colour instead of white vitreous china W.C.pan and cistern. | 3 | each | | |
| 14 | Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: including dismantling of the existing one if applicable. | | | | |
| | 250x130x30 mm | 5 | each pair | | |
| 15 | 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. including dismantling of the existing one if applicable. | | | | |
| | 10 litre capacity - White | 15 | each | | |
| | 10 litre capacity - Coloured | 10 | each | | |
| 16 | Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete. including dismantling of the existing one if applicable. | | | | |
| | 10 litre (full flush) capacity-white | 8 | each | | |
| | 10 litre (full flush) capacity-coloured | 5 | each | | |
| 17 | Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete including dismantling of the existing one if applicable. | | | | |
| | White solid plastic seat with lid | 10 | each | | |
| | Black solid plastic seat with lid | 10 | each | | |

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| 18 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. including dismantling of the existing one if applicable. | | | | |
| | Flexible pipe | | | | |
| a | 32 mm dia | 20 | each | | |
| b | 40 mm dia | 20 | each | | |
| 19 | Providing and fixing 100mm sand cast Iron grating for gully trap. including dismantling of the existing one if applicable. | 20 | each | | |
| 20 | Providing and fixing 600x450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. including dismantling of the existing one if applicable. | 15 | each | | |
| 21 | Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing including dismantling of the existing one if applicable. | | | | |
| 22 | Circular shape 450 mm dia. including dismantling of the existing one if applicable. | 10 | each | | |
| 23 | Rectangular shape 453x357 mm including dismantling of the existing one if applicable. | 5 | each | | |
| | Oval shape 450x350mm (outer dimensions) | 5 | each | | |
| | Rectangular shape 1500x450 mm | 5 | each | | |
| 24 | 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 40mm long screws, rawl plugs etc., complete including dismantling of the existing one if applicable. | 20 | each | | |
| 25 | Providing and fixing toilet paper holder: including dismantling of the existing one if applicable. | | | | |
| | C.P. brass | 10 | each | | |
| 26 | Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : including dismantling of the existing one if applicable. | | | | |
| a | 100 mm inlet and 100 mm outlet | | | | |
| | Sand cast iron S & S as per IS:3989 | 5 | each | | |
| | Sand cast iron S & S as per IS:1729 | 5 | each | | |
| b | 100 mm inlet and 75 mm outlet | | | | |
| | Sand cast iron S & S as per IS:3989 | 4 | each | | |
| | Sand cast iron S & S as per IS:1729 | 4 | each | | |
| 27 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour. including dismantling of the existing one if applicable. | | | | |
| | 450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88mm, weighing not less than 170gms | 20 | each | | |
| 28 | Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes. Weighing not less than 60 gms. including dismantling of the existing one if applicable. | 80 | each | | |
| 29 | Providing and fixing PTMT urinal cock of approved quality and colour. including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore, 80 mm long. 42 mm high and 30 mm wide with BSO female threads weighing not less than 48 gms | 20 | each | | |
| 30 | Dismantling of flushing cistern of any size including stacking of useful materials near the site and | 25 | each | | |

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| | disposal of unserviceable materials within 50 metres lead. including dismantling of the existing one if applicable. | | | | |
| 31 | Providing and fixing G.I. Pipes complete with G.I. fittings and clamps,including cutting and making good the walls etc. (internal work) including dismantling of the existing one if applicable. | | | | |
| | Exposed on wall | | | | |
| a | 15mm dia. nominal bore | 60 | metre | | |
| b | 20mm dia. nominal bore | 50 | metre | | |
| c | 25mm dia. nominal bore | 30 | metre | | |
| d | 40mm dia. nominal bore | 20 | metre | | |
| e | 50mm dia. nominal bore | 10 | metre | | |
| 32 | Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall. including dismantling of the existing one if applicable. | | | | |
| | 15 mm dia.nominal bore | 15 | metre | | |
| | 20mm dia. nominal bore | 25 | metre | | |
| 33 | Providing and fixing G.I pipes complete with G.I. fittings including trenching and refilling etc. (external work) including dismantling of the existing one if applicable. | | | | |
| a | 15mm dia. nominal bore | 30 | metre | | |
| b | 20mm dia. nominal bore | 50 | metre | | |
| c | 25mm dia. nominal bore | 75 | metre | | |
| d | 40mm dia. nominal bore | 50 | metre | | |
| e | 50mm dia. nominal bore | 50 | metre | | |
| f | 65mm dia. nominal bore | 50 | metre | | |
| g | 80mm dia. nominal bore | 25 | metre | | |
| 34 | Making connection of G.I. distribution branch with G.I.main of following sizes by providing and fixing tee,including cutting and threading the pipe etc. complete. including dismantling of the existing one if applicable. | | | | |
| a | 25 to 40 mm nominal bore | 10 | each | | |
| b | 50 to 80 mm nominal bore | 5 | each | | |
| 35 | Providing and fixing brass bib cock of approved quality. including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 40 | each | | |
| 36 | Providing and fixing brass stop cock of approved quality including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 30 | each | | |
| 37 | Providing and fixing gun metal gate valve with C.I. wheel of approved quality(screwed end) including dismantling of the existing one if applicable. | | | | |
| a | 25 mm nominal bore | 4 | each | | |
| b | 32 mm nominal bore. | 4 | each | | |
| c | 40 mm nominal bore | 5 | each | | |
| d | 50 mm nominal bore | 6 | each | | |
| e | 65 mm nominal bore | 5 | each | | |
| f | 80 mm nominal bore | 8 | each | | |
| 38 | Providing and fixing ball valve (brass) of approved quality complete including dismantling of the | | | | |

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| | existing one if applicable. | | | | |
| | High or low pressure with plastic floats | | | | |
| | 15 mm nominal bore | 15 | each | | |
| | 20 mm nominal bore | 15 | each | | |
| | 25 mm nominal bore | 10 | each | | |
| 39 | Providing and fixing uplasticised PVC connection pipe with brass unions including dismantling of the existing one if applicable. | | | | |
| | 30 cm length | | | | |
| | 15 mm nominal bore | 25 | each | | |
| | 20 mm nominal bore | 25 | each | | |
| | 45 cm length | | | | |
| | 15 mm nominal bore | 30 | each | | |
| | 20 mm nominal bore | 50 | each | | |
| 40 | Providing and fixing C.P. brass shower rose with 15 or 20mm inlet including dismantling of the existing one if applicable. | | | | |
| a | 100mm diameter | 9 | each | | |
| b | 150 mm diameter | 3 | each | | |
| 41 | Constructing masonry Chamber 30x30x50 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 5 | each | | |
| 42 | Constructing masonry Chamber 60x60x75 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 4 | each | | |
| 43 | Constructing masonry Chamber 90x90x100 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 4 | each | | |
| 44 | Constructing masonry Chamber 120x120x100 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement | | | | |

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| | :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 3 | each | | |
| 45 | Painting G.I. Pipes and fittings with synthetic enamel white paint over a ready mixed priming coat, both of approved quality for new work: including dismantling of the existing one if applicable. | | | | |
| | 15 mm diameter pipe. | 90 | metre | | |
| | 20 mm diameter pipe | 100 | metre | | |
| | 25 mm diameter pipe | 105 | metre | | |
| | 32 mm diameter pipe. | 70 | metre | | |
| | 40 mm diameter pipe. | 60 | metre | | |
| | 50 mm diameter pipe | 10 | metre | | |
| 46 | Repainting G.I. Pipes and fittings with synthetic enamel white paint of approved quality : including dismantling of the existing one if applicable. | | | | |
| | 15 mm diameter pipe. | 15 | metre | | |
| | 20 mm diameter pipe | 20 | metre | | |
| | 25 mm diameter pipe | 25 | metre | | |
| | 32 mm diameter pipe. | 22 | metre | | |
| | 40 mm diameter pipe. | 28 | metre | | |
| | 50 mm diameter pipe | 30 | metre | | |
| 47 | Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work) including dismantling of the existing one if applicable. | | | | |
| a | 15mm nominal bore | 20 | each | | |
| b | 20mm nominal bore | 15 | each | | |
| c | 25mm nominal bore | 8 | each | | |
| d | 40mm nominal bore | 9 | each | | |
| e | 50mm nominal bore | 7 | each | | |
| 48 | Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required. including dismantling of the existing one if applicable. | | | | |
| a | 15 mm nominal bore. | 5 | each | | |
| b | 20 mm nominal bore. | 3 | each | | |
| c | 25 mm nominal bore. | 8 | each | | |
| d | 40 mm nominal bore. | 5 | each | | |
| e | 50 mm nominal bore. | 10 | each | | |
| 49 | Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. including dismantling of the existing one if applicable. | 1000 | per litre capacity | | |
| 50 | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 25 | each | | |

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| 51 | Providing and fixing C.P. brass long bore bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 10 | each | | |
| 52 | Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 10 | each | | |
| 53 | Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS : 8931 including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 15 | each | | |
| 54 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS : 8931 a) 15 mm nominal bore including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 10 | each | | |
| 55 | Providing and fixing PTMT angle stop cock 15 mm nominal bore. Weighing not less than 85 gms. including dismantling of the existing one if applicable. | 10 | each | | |
| 56 | Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. including dismantling of the existing one if applicable. | | | | |
| a | 15 mm nominal bore. Weighing not less than 32 gms | 10 | each | | |
| b | 20 mm nominal bore. Weighing not less than 40 gms | 15 | each | | |
| c | 25 mm nominal bore. Weighing not less than 62 gms | 10 | each | | |
| 57 | Cutting holes up to 30x30 cm in walls including making good the same: including dismantling of the existing one if applicable. | | | | |
| | With F.P.s. bricks | 20 | each | | |
| 58 | Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof. including dismantling of the existing one if applicable. | 20 | each | | |
| 59 | Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete including dismantling of the existing one if applicable. | | | | |
| a | 100 mm diameter | 25 | metre | | |
| b | 150 mm diameter | 25 | metre | | |
| 60 | Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) around S.W. pipes including bed concrete as per standard design : including dismantling of the existing one if applicable. | | | | |
| a | 100 mm diameter S.W. pipe | 25 | metre | | |
| b | 150 mm diameter S.W. pipe | 25 | metre | | |
| 61 | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete. including dismantling of the existing one if applicable. | | | | |
| a | For pipes 100 to 230 mm diameter | 5 | each | | |
| 62 | Constructing brick masonry open surface drain with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 fine sand) including earth excavation, 10 cm thick bed concrete 1:5:10 (1 cement: 5 fine | | | | |

| | | | | | |
|---|---|-----|-------|--|-------|
| | sand : 10 graded stone aggregate 40 mm nominal size) and 25 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) for filling haunches including 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) with a floating coat of neat cement inside the drain, its top and exposed side including disposal of surplus earth complete as per standard design: including dismantling of the existing one if applicable. | | | | |
| a | 10 cm drain 20 cm average depth- With F.P.S. bricks | 15 | metre | | |
| b | 15 cm drain 20 cm average depth- With F.P.S. bricks | 25 | metre | | |
| c | 25 cm drain 30 cm average depth- With F.P.S. bricks | 30 | metre | | |
| 63 | Dismantling G.I. Pipes (external work) including exavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 m lead as per direction of Engineer-in-charge including dismantling of the existing one if applicable. | | | | |
| | 15 mm to 40 mm nominal bore | 425 | metre | | |
| | Above 40 mm nominal bore | 135 | metre | | |
| | | | | | (Rs.) |
| <i>N.B.: Dismantled material should be returned to Civil Engg. Section, by the contractor at his own cost.</i> | | | | | |

Signature of the 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

Repair & Maint.of Sanitary, Water Supply & Drainage work at Colony Area

In

CIMFR Dhanbad.

INDEX

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NIT NO.:

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

E-mail : dcmrips@yahoo.co.in

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

NOTICE INVITING TENDER
(*Displaying in Notice Boards*)

No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.
- Ø GENERAL CONDITIONS OF CONTRACT OF CIMFR/CSIR WILL BE FOLLOWED DURING EXECUTION OF THE AGREEMENT AND IT WILL BE AVAILABLE AT CIVIL ENGG. SECTION.

-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

1. The Telegraph, Kolkata Publication (English daily)
2. Hindustan Times, New Delhi Publication (English National)
3. Hindustan, Dhanbad Edition (Hindi Local) – Pointer advertisement

Name of Media – Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata – 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for Sanitary water supply, drainage work at Colony area**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|--|------|-------|------|--------|
| 1. | Providing and fixing on wall face unplasticised - 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 including dismantling of the existing one if applicable. | | | | |
| a | 75 mm diameter | 100 | metre | | |
| b | 110 mm diameter | 80 | metre | | |
| 2 | 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 : including dismantling of the existing one if applicable. | | | | |
| | White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap | 10 | each | | |
| 3 | Providing and fixing kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required. including dismantling of the existing one if applicable. | | | | |
| | White glazed fire clay kitchen sink of size 600x450x250 mm | 5 | each | | |
| 4 | Providing and fixing white vitreous china water closet squatting pan (Indian type) including dismantling of the existing one if applicable. | | | | |
| | Long pattern W.C. pan of size 580 mm | 25 | each | | |
| 5 | Providing and fixing white vitreous china pedestal type (European type/wash down type) water closet pan. including dismantling of the existing one if applicable. | 8 | each | | |
| 6 | Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: including dismantling of the existing one if applicable. | | | | |
| | 250x130x30 mm | 25 | Pair | | |
| 7 | 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. including dismantling of the existing one if applicable. | | | | |
| | 10 litre capacity - White | 35 | each | | |
| 8 | Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete including dismantling of the existing one if applicable. | | | | |
| | White solid plastic seat with lid | 10 | each | | |
| 9 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. including dismantling of the existing one if applicable. | | | | |
| | Flexible pipe | | | | |
| a | 32 mm dia | 62 | each | | |
| b | 40 mm dia | 58 | each | | |
| 10 | Providing and fixing 100mm sand cast Iron grating for gully trap. | 12 | each | | |

| | | | | | |
|----|--|-----|-------|--|--|
| 11 | Providing and fixing 600x450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. including dismantling of the existing one if applicable. | 25 | each | | |
| 12 | Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing including dismantling of the existing one if applicable. | | | | |
| | Oval shape 450x350mm (outer dimensions) | 20 | each | | |
| 13 | 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 40mm long screws,rawl plugs etc., complete including dismantling of the existing one if applicable. | 40 | each | | |
| 14 | Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : including dismantling of the existing one if applicable. | | | | |
| a | 100 mm inlet and 100 mm outlet | | | | |
| | Sand cast iron S & S as per IS:3989 | 10 | each | | |
| | Sand cast iron S & S as per IS:1729 | 15 | each | | |
| b | 100 mm inlet and 75 mm outlet | | | | |
| | Sand cast iron S & S as per IS:3989 | 6 | each | | |
| | Sand cast iron S & S as per IS:1729 | 8 | each | | |
| 15 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality colour. including dismantling of the existing one if applicable. | | | | |
| | 450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88mm, weighing not less than 170gms. | 50 | each | | |
| 16 | Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead. including dismantling of the existing one if applicable. | 35 | each | | |
| 17 | Providing and fixing G.I. Pipes complete with G.I. fittings and clamps,including cutting and making good the walls etc. (internal work) including dismantling of the existing one if applicable. | | | | |
| | Exposed on wall | | | | |
| a | 15mm dia. nominal bore | 255 | metre | | |
| b | 20mm dia. nominal bore | 165 | metre | | |
| c | 25mm dia. nominal bore | 75 | metre | | |
| d | 40mm dia. nominal bore | 35 | metre | | |
| e | 50mm dia. nominal bore | 35 | metre | | |
| 18 | Providing and fixing G.I pipes complete with G.I. fittings including trenching and refilling etc. (external work) including dismantling of the existing one if applicable. | | | | |
| a | 15mm dia. nominal bore | 30 | metre | | |
| b | 20mm dia. nominal bore | 70 | metre | | |
| c | 25mm dia. nominal bore | 150 | metre | | |
| d | 40mm dia. nominal bore | 125 | metre | | |
| e | 50mm dia. nominal bore | 50 | metre | | |
| f | 65mm dia. nominal bore | 40 | metre | | |
| g | 80mm dia. nominal bore | 30 | metre | | |

| | | | | | |
|----|--|----|------|--|--|
| 19 | Making connection of G.I. distribution branch with G.I.main of following sizes by providing and fixing tee,including cutting and threading the pipe etc. complete. including dismantling of the existing one if applicable. | | | | |
| a | 25 to 40 mm nominal bore | 3 | each | | |
| b | 50 to 80 mm nominal bore | 1 | each | | |
| 20 | Providing and fixing brass bib cock of approved quality. including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 93 | each | | |
| 21 | Providing and fixing brass stop cock of approved quality including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 81 | each | | |
| 22 | Providing and fixing gun metal gate valve with C.I. wheel of approved quality(screwed end) including dismantling of the existing one if applicable. | | | | |
| a | 25 mm nominal bore | 8 | each | | |
| b | 32 mm nominal bore. | 8 | each | | |
| c | 40 mm nominal bore | 5 | each | | |
| d | 50 mm nominal bore | 12 | each | | |
| 23 | Providing and fixing ball valve (brass) of approved quality complete including dismantling of the existing one if applicable. | | | | |
| | High or low pressure with plastic floats | | | | |
| | 15 mm nominal bore | 50 | each | | |
| | 20 mm nominal bore | 60 | each | | |
| | 25 mm nominal bore | 50 | each | | |
| 24 | Providing and fixing uplasticised PVC connection pipe with brass unions including dismantling of the existing one if applicable. | | | | |
| | 30 cm length | | | | |
| | 15 mm nominal bore | 50 | each | | |
| | 20 mm nominal bore | 40 | each | | |
| | 45 cm length | | | | |
| | 15 mm nominal bore | 60 | each | | |
| | 20 mm nominal bore | 75 | each | | |
| 25 | Providing and fixing C.P. brass shower rose with 15 or 20mm inlet including dismantling of the existing one if applicable. | | | | |
| a | 100mm diameter | 9 | each | | |
| b | 150 mm diameter | 3 | each | | |
| 26 | Constructing masonry Chamber 30x30x50 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 20 | each | | |
| 27 | Constructing masonry Chamber 60x60x75 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter | | | | |

| | | | | | |
|----|--|------|--------------------|--|--|
| | and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 10 | each | | |
| 28 | Constructing masonry Chamber 90x90x100 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 8 | each | | |
| 29 | Constructing masonry Chamber 120x120x100 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design. including dismantling of the existing one if applicable. | | | | |
| | With F.P.S. bricks | 5 | each | | |
| 30 | Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work) including dismantling of the existing one if applicable. | | | | |
| a | 15mm nominal bore | 20 | each | | |
| b | 20mm nominal bore | 15 | each | | |
| c | 25mm nominal bore | 8 | each | | |
| d | 40mm nominal bore | 9 | each | | |
| e | 50mm nominal bore | 7 | each | | |
| 31 | Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws including excavation, refilling the earth or cutting of wall and making good the same complete wherever required. including dismantling of the existing one if applicable. | | | | |
| a | 15 mm nominal bore. | 5 | each | | |
| b | 20 mm nominal bore. | 3 | each | | |
| c | 25 mm nominal bore. | 8 | each | | |
| d | 40 mm nominal bore. | 5 | each | | |
| e | 50 mm nominal bore. | 10 | each | | |
| 32 | Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. including dismantling of the existing one if applicable. | 8000 | per litre capacity | | |
| 33 | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 including dismantling of the existing one if applicable. | | | | |
| | 15 mm nominal bore | 50 | each | | |
| 34 | Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. | | | | |

| | | | | | |
|---|---|-----|-------|--|-------|
| | including dismantling of the existing one if applicable. | | | | |
| a | 15 mm nominal bore. Weighing not less than 32 gms | 10 | each | | |
| b | 20 mm nominal bore. Weighing not less than 40 gms | 15 | each | | |
| c | 25 mm nominal bore. Weighing not less than 62 gms | 10 | each | | |
| 35 | Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete including dismantling of the existing one if applicable. | | | | |
| a | 100 mm diameter | 150 | metre | | |
| b | 150 mm diameter | 125 | metre | | |
| 36 | Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) around S.W. pipes including bed concrete as per standard design : including dismantling of the existing one if applicable. | | | | |
| a | 100 mm diameter S.W. pipe | 85 | metre | | |
| b | 150 mm diameter S.W. pipe | 70 | metre | | |
| 37 | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete. including dismantling of the existing one if applicable. | | | | |
| a | For pipes 100 to 230 mm diameter | 10 | each | | |
| 38 | Constructing brick masonry open surface drain with bricks of class designation 75 in cement mortar 1:4 (1 cement : 4 fine sand) including earth excavation, 10 cm thick bed concrete 1:5:10 (1 cement: 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and 25 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) for filling haunches including 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) with a floating coat of neat cement inside the drain, its top and exposed side including disposal of surplus earth complete as per standard design: including dismantling of the existing one if applicable. | | | | |
| a | 10 cm drain 20 cm average depth- With F.P.S. bricks | 15 | metre | | |
| b | 15 cm drain 20 cm average depth- With F.P.S. bricks | 48 | metre | | |
| c | 25 cm drain 30 cm average depth- With F.P.S. bricks | 75 | metre | | |
| 39 | Dismantling G.I. Pipes (external work) including exavation and refilling trenches after taking out the pipes, manually/by mechanical means including stacking of pipes within 50 m lead as per direction of Engineer-in-charge including dismantling of the existing one if applicable. | | | | |
| | 15 mm to 40 mm nominal bore | 695 | metre | | |
| | Above 40 mm nominal bore | 200 | metre | | |
| | | | | | (Rs.) |
| <i>N.B.: Dismantled material should be returned to Civil Engg. Section, by the contractor at his own cost.</i> | | | | | |

Signature of the 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

Repair & Maintenance of Wood & Steel work at Office Area

In

CIMFR Dhanbad.

INDEX

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NIT NO.:

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

E-mail : dcmrips@yahoo.co.in

NOTICE INVITING TENDER
(Displaying in Notice Boards)

No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.
- Ø GENERAL CONDITIONS OF CONTRACT OF CIMFR/CSIR WILL BE FOLLOWED DURING EXECUTION OF THE AGREEMENT AND IT WILL BE AVAILABLE AT CIVIL ENGG. SECTION.

-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

1. The Telegraph, Kolkata Publication (English daily)
2. Hindustan Times, New Delhi Publication (English National)
3. Hindustan, Dhanbad Edition (Hindi Local) - Pointer advertisement

Name of Media - Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata - 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for Wood & Steel work at Office area**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|---|------|------|------|--------|
| 1. | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: | | | | |
| a | Of area 3 sq. metres and below | 20 | each | | |
| b | Of area beyond 3 sq. metres | 20 | each | | |
| 2 | Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: | | | | |
| a | Of area 3 sq. metres and below | 20 | each | | |
| b | Of area beyond 3 sq. metres | 20 | each | | |
| 3 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position : | | | | |
| a | Sal wood | 1.25 | cum | | |
| 4 | Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding, panelling which will be paid for separately. | | | | |
| | Second class teak wood | | | | |
| a | 30 mm thick shutters | 15 | sqm | | |
| b | 35 mm thick shutters | 15 | sqm | | |
| 5 | Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick | | | | |
| | Second class teak wood | 15 | sqm | | |
| 6 | Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. coir veneer board (conforming to IS:014842- 2000) | | | | |
| | 12 mm thick | 15 | sqm | | |
| 7 | Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including black enamelled ISI marked M.S butt hinges with necessary screws. | | | | |
| | Second class teak wood | | | | |
| a | 30mm thick shutters | 10 | sqm | | |
| 8 | Providing and fixing 25 mm thick shutters for cup board etc. | | | | |
| | Panelled or panelled & glazed shutters : | | | | |
| | Second class teak wood including ISI marked anodised aluminium butt hinges with necessary | 10 | sqm | | |

| | | | | | |
|----|---|-----|-------|--|--|
| | screws | | | | |
| | Glazed shutters : | | | | |
| | 1st class teak wood including ISI marked anodised aluminium butt hinges with necessary screws | 5 | sqm | | |
| 9 | Providing and fixing ISI marked flush doors, shutters conforming to IS: 2202 (Part-I) non-decorative type, core or block board construction with frame of first class hard wood and well matched commercial three ply veneering with vertical glazed or cross bend and face veneers on both face of shutters | | | | |
| a | 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 5 | sqm | | |
| b | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 5 | sqm | | |
| c | 25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws. | 8.5 | sqm | | |
| 10 | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete. | | | | |
| | 2nd class teak wood | | | | |
| a | 50x12 mm | 10 | metre | | |
| b | 50x20 mm | 5 | metre | | |
| | Hollock wood | 10 | | | |
| a | 50x12 mm | 5 | metre | | |
| b | 50x20 mm | 35 | metre | | |
| 11 | Providing and fixing 18 mm thick, 150 mm wide pelmet of flat pressed 3 layer or graded wood particle board medium density grade I, IS : 3087 marked including top cover of 6 mm commercial ply wood conforming to IS 303 BWR grade, nickel plated M.S. pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets including fixing with 25x3 mm M.S. flat 10 cm long and rawl plugs 50 mm long (designation 10 no.) etc all complete | 15 | metre | | |
| 12 | Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete : | | | | |
| | 20 mm dia. | 15 | metre | | |
| 13 | Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete. | | | | |
| | Fixed to steel windows by welding | 20 | Kg. | | |
| | Fixed to openings / wooden frames with rawl plugs screws etc. | 30 | Kg. | | |
| 14 | Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6 mix (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) | 120 | each | | |
| 15 | Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete: | | | | |
| | 300x16 mm | 10 | each | | |
| 16 | Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : | | | | |
| | 250x10 mm | 40 | each | | |
| | 150x10 mm | 25 | each | | |
| 17 | Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary | | | | |

| | | | | | |
|----|--|-----|------|--|--|
| | screws etc. complete : | | | | |
| | 125 mm | 40 | each | | |
| | 100 mm | 25 | each | | |
| 18 | Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete. | 50 | each | | |
| 19 | Providing and fixing IS 3564 marked aluminium die cast body tabular type universal hydrolic door closer with necessary accessories and screws etc. complete. | 10 | each | | |
| 20 | Providing and fixing bright finished brass casement window fasteners with necessary screws etc. complete. | 50 | each | | |
| 21 | Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete | | | | |
| | 250 mm weighing not less than 280 gms | 35 | Each | | |
| | 200 mm weighing not less than 240 gms | 40 | each | | |
| 22 | providing and fixing sliding arrangement in racks/ cupboards/ cabinets shutter by P/F stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately) | 15 | Each | | |
| 23 | Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia, steel pulleys complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. | 5 | Sqm | | |
| 24 | providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6mm angle iron and 3mm 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 40x40x6mm for diagonal braces | 10 | Sqm | | |
| | Using flats 30x6mm for diagonal braces and central cross piece | 5 | Sqm | | |
| 25 | Fixing standard steel glazed doors, windows and ventilators in walls with 15x3mm lugs 10 cm long embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregae 20 mm nominal size) or with wooden plugs an screws or rawl plugs and scres or with fixing clips or with bolts and nuts as required, including fixing of floati glass panes with glazing clips and special metal-sash putty of approved make, or metal beading with scres (only steel windows with lugs, glass panes cut to size and glazing clips or metal beading with screws, shall be supplied by department free of cost.) | 30 | Kg | | |
| 26 | Providing and fixing factorymade ISI marked steel glazed doors, windows and ventilators side /top / centre hung with beading and all members such as K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted with 15x3mm lugs, 10 cm long, embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and scres or rawl plugs and scres or with fixing clips or with bolts and butts as required, including providing and fixing of hineges, pivots, float glass panes with glazing clips and special metal sash putty of approved make and a priming coat of approved steel primer excluding the cost of metal beading and other fittings except necessary hinges or pivots complete as per approved design. | 150 | Kg | | |
| 27 | Welding by gas / electric plant including transportation of plant at site etc. complete. | 150 | Cm | | |
| 28 | Steel work welded in built up sections/framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc.as required. | | | | |

| | | | | | |
|--|---|-----|-----|--|-------|
| | In stringers, treads, landings etc. of stair cases including use of chequered plate wherever required ; all complete | 50 | Kg | | |
| | In gratings, frames, guard bar, ladders, railings, brackets, gates & similar works. | 50 | Kg | | |
| 29 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: | | | | |
| | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture | 350 | sqm | | |
| | | | | | (Rs.) |
| <i>N.B.: Dismantled material should be returned to Civil Engg. Section, by the contractor at his own cost.</i> | | | | | |

Signature of the 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

Repair & Maintenance of Wood & Steel work at Colony Area

In

CIMFR Dhanbad.

INDEX

| SECTION | PARTICULARS | PAGE NO. |
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| II | COMMERCIAL BID | 46 - 49 |
| III | INSTRUCTION TO BIDDER | 54 - 56 |

NIT NO.:

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

E-mail : dcmrips@yahoo.co.in

NOTICE INVITING TENDER
(Displaying in Notice Boards)

No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.**
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-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

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Name of Media – Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata – 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **AMC for Wood & Steel work at Colony area**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|---|------|------|------|--------|
| 1 | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: | | | | |
| a | Of area 3 sq. metres and below | 25 | each | | |
| b | Of area beyond 3 sq. metres | 22 | each | | |
| 2 | Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead: | | | | |
| a | Of area 3 sq. metres and below | 30 | each | | |
| b | Of area beyond 3 sq. metres | 20 | each | | |
| 3 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position : | | | | |
| a | Sal wood | 2 | cum | | |
| 4 | Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding, panelling which will be paid for separately. | | | | |
| | Second class teak wood | | | | |
| a | 30 mm thick shutters | 40 | sqm | | |
| b | 35 mm thick shutters | 40 | sqm | | |
| 5 | Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick | | | | |
| | Second class teak wood | 25 | sqm | | |
| 6 | Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. coir veneer board (conforming to IS:014842- 2000) | | | | |
| | 12 mm thick | 15 | sqm | | |
| 7 | Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes including black enamelled ISI marked M.S butt hinges with necessary screws. | | | | |
| | Second class teak wood | | | | |
| a | 30mm thick shutters | 40 | sqm | | |
| 8 | Providing and fixing 25 mm thick shutters for cup board etc. | | | | |
| | Panelled or panelled & glazed shutters : | | | | |
| | Second class teak wood including ISI marked anodised aluminium butt hinges with necessary screws | 10 | sqm | | |

| | | | | | |
|----|---|-----|-------|--|--|
| | Glazed shutters : | | | | |
| | Ind class teak wood including ISI marked anodised aluminium butt hinges with necessary screws | 8 | sqm | | |
| 9 | Providing and fixing ISI marked flush doors, shutters conforming to IS: 2202 (Part-I) non-decorative type, core or block board construction with frame of first class hard wood and well matched commercial three ply verneerig with vertical glazed or cross bend and face veneers on both face of shutters | | | | |
| a | 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 5 | sqm | | |
| b | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 5 | sqm | | |
| c | 25mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. piano hinges with necessary screws. | 8.5 | sqm | | |
| 10 | Providing and fixing 35mm thick wire gauze shutters using galvanised M.S. wire gauze of average width of aperture 1.4mm with wire of dia. 0.63 mm for doors, windows and clerestory windows including ISI marked bright finished or/and black enamelled M.S. butt hinges with necessary screws : | | | | |
| | Second class teak wood. | 15 | sqm | | |
| | Kiln seasoned and chemically treated Hollock wood. | 20 | sqm | | |
| 11 | Providing and fixing 30mm thick wire gauge shutters using galvanised M.S. wire gauge of average width of aperture 1.4mm with wire of dia. 0.63 mm for doors, windows and clerestory windows including ISI marked Stainless Steel butt hinges with necessary screws : | | | | |
| | Second class teak wood | 16 | sqm | | |
| | Kiln seasoned and chemically treated Hollock wood. | 10 | sqm | | |
| 12 | Providing 50x50x50mm 2nd class teak wood plugs including cutting brick work and fixing in cement mortar 1 : 3 (1 cement : 3 fine sand) and making good the walls etc | 15 | each | | |
| 13 | Providing and fixing in wall lining flat pressed three layer (medium density) particle board or graded wood prelaminate one side decorative lamination on other side balancing lamination Grade I, Type II, IS : 12823 marked including priming coat on unexposed surface, with necessary fixing arrangement and screws etc. complete. | | | | |
| | 25 mm thick | 10 | sqm | | |
| 14 | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete. | | | | |
| | 2nd class teak wood | | | | |
| a | 50x12 mm | 75 | metre | | |
| b | 50x20 mm | 50 | metre | | |
| | Hollock wood | | | | |
| a | 50x12 mm | 30 | metre | | |
| b | 50x20 mm | 35 | metre | | |
| 15 | Providing and fixing 18 mm thick, 150 mm wide pelmet of flat pressed 3 layer or graded wood particle board medium density grade I, IS : 3087 marked including top cover of 6 mm commercial ply wood conforming to IS 303 BWR grade, nickel plated M.S. pipe 20 mm dia (heavy type) curtain rod with nickel plated brackets including fixing with 25x3 mm M.S. flat 10 cm long and rawl plugs 50 mm long (designation 10 no.) etc all complete | 13 | metre | | |
| 16 | Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete : | | | | |
| | 20 mm dia. | 45 | metre | | |

| | | | | | |
|----|---|-----|----------|--|--|
| 17 | Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete. | | | | |
| | Fixed to steel windows by welding | 50 | Kg. | | |
| | Fixed to openings / wooden frames with rawl plugs screws etc. | 50 | Kg. | | |
| 18 | Providing and fixing expanded metal 20x60mm strands 3.25mm wide and 1.6mm thick for windows etc. including 62x19mm beading of IInd class teak wood | 90 | sqm | | |
| 19 | Providing and fixing fly proof galvanised M.S. wire gauze to windows and clerestory windows using galvanised M.S. wire gage with average width of aperture 1.4 mm in both directions with wire of dia. 0.63 mm. | | | | |
| | With 2nd class teak wood beading 62x19 mm | 15 | sqm | | |
| 20 | Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embeddings in cement concrete block 30x10x15cm 1:3:6 mix (1cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size) | 250 | each | | |
| 21 | Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete : | | | | |
| | 300x16 mm | 24 | each | | |
| 22 | Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : | | | | |
| | 250x10 mm | 150 | each | | |
| | 150x10 mm | 75 | each | | |
| 23 | Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete : | | | | |
| | 125 mm | 50 | each | | |
| | 100 mm | 40 | each | | |
| 24 | Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete. | 50 | each | | |
| 25 | Providing and fixing bright finished brass casement window fasteners with necessary screws etc. complete. | 50 | each | | |
| 26 | Providing and fixing bright finished brass casement stays (straight peg type) with necessary screws etc. complete | | | | |
| | 250 mm weighing not less than 280 gms | 35 | Each | | |
| | 200 mm weighing not less than 240 gms | 40 | each | | |
| 27 | Structural steel work in single section fixed without connecting plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. | 100 | kilogram | | |
| 28 | Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators side /top / centre hung with beading and all members such as K11 B and K12 B etc. complete | 250 | Kg | | |
| 29 | Welding by gas / electric plant including transportation of plant at site etc. complete. | 250 | Cm | | |
| 30 | Providing and fixing bright finished brass casement window fasteners or pet stays to windows/ ventilators with necessary welding and machine screws etc. complete. | 20 | Kg | | |
| 31 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: | | | | |
| | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture | 600 | sqm | | |
| 32 | Providing and fixing 30mm thick factory made PVC rigid foam panelled door shutters manufactured by M/s. | 50 | sqm | | |

| | | | | | |
|---|---|--|--|--|-------|
| | Rajshri or equivalent made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top and bottom rails, covered with heat moulded PVC "C" channel of 5mm thick sheet and 30x50mm wide to form styles and 5mm thick and 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side and 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panelling of 5mm thick PVC sheet fitted in the M.S. frame welded/sealed to the styles and rails with 5x30mm PVC sheet beading on either side and joined together with solvent cement adhesive etc., complete as per manufacturers specification and direction of Engineer-in-Charge fixed to frames with 4 Nos. M.S. powder coated butt hinges (For W.C. and bathroom shutters) | | | | |
| | | | | | (Rs.) |
| <i>N.B.: Dismantled material should be returned to Civil Engg. Section, by the contractor at his own cost.</i> | | | | | |

Signature of the 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

Renovation of ODB by tiles flooring, aluminium window/door and false roofing.

In

CIMFR Dhanbad.

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NIT NO.:

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

NOTICE INVITING TENDER
(*Displaying in Notice Boards*)

No. 23(299,300,301,302)/07-GA, 23(314,315,316,317,318)/08-GA/

Dated : 28/08/2008

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. | Repair & Maintenance of Masonry work at Office Area | 4,75,504.68 | 9,520.00 | 8 Months | 500.00 |
| 2. | Repair & Maintenance of Finishing work at Office Area | 11,98,200.00 | 23,965.00 | 8 Months | 500.00 |
| 3. | Repair & Maintenance of Masonry work at Colony Area | 8,24,700.00 | 16,495.00 | 8 Months | 500.00 |
| 4. | Repair & Maintenance of Finishing work at Colony Area | 8,67,700.00 | 17,355.00 | 8 Months | 500.00 |
| 5. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Office Area | 7,02,300.00 | 14,050.00 | 8 Months | 500.00 |
| 6. | Repair & Maintenance of Sanitary, Water Supply & Drainage work at Colony Area | 8,39,072.90 | 16,785.00 | 8 Months | 500.00 |
| 7. | Repair & Maintenance of Wood & Steel work at Office Area | 3,04,400.00 | 6,090.00 | 8 Months | 500.00 |
| 8. | Repair & Maintenance of Wood & Steel work at Colony Area | 7,24,100.00 | 14,485.00 | 8 Months | 500.00 |
| 9. | Renovation of ODB by tiles flooring, aluminium window/door and false roofing. | 5,50,484.27 | 11,010.00 | 3 Months | 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. 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 10/09/2008 to 26/09/2008 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, 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 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 01/10/2008 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.
- Ø GENERAL CONDITIONS OF CONTRACT OF CIMFR/CSIR WILL BE FOLLOWED DURING EXECUTION OF THE AGREEMENT AND IT WILL BE AVAILABLE AT CIVIL ENGG. SECTION.

-Sd-

HOD (Civil)

-Sd-

Administrative Officer

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

1. The Telegraph, Kolkata Publication (English daily)
2. Hindustan Times, New Delhi Publication (English National)
3. Hindustan, Dhanbad Edition (Hindi Local) – Pointer advertisement

Name of Media – Union Publicity Bureau, 34B, Ballygunge Gardens, Golpark, Kolkata – 700 019.

A.O.

Director

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **Renovation of ODB by tiles flooring, aluminium window/door and false roofing.**

| Sl. | Description of work | Qty. | Per | Rate | Amount |
|-----|---|--------|------|------|--------|
| 1 | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead: Of area 3 sq.metres and below | 16 | Each | | |
| 2. | Demolishing cement concrete including disposal of material within 50 metres lead: 1:3:6 or richer mix | 7.02 | Cum | | |
| 3. | 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. | 41.46 | Sqm | | |
| 4. | Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 1% and flexural strength not less than 30 N/mm ² , in all colours and shades, laid on 20 mm thick cement mortar 1: 4 (1 cement; 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete. Size of tile 60x60 cm | 201.99 | Sqm | | |
| 5. | Providing and fixing at all height false ceiling of 12.5 mm thick tapered edge gypsum board conforming to IS: 2095 including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanized in accordance with zinc coating 600 as per IS: 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 22 mm and 37 at 1200 mm center to center one flange fixed to the ceiling with dash fastner 12.5 mm dia x 40j mm long with 6 mm dia bolts to the angle hangers of 25x25x5 mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I. channels 45x15x0.9 mm running at the rate of 120 centre to centre to which the ceiling section 0.5 mm thick botton wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges | 77.66 | Sqm | | |
| 6. | Supply and fixing of recess monting 161784 BIMLA01-236 CFL TYPE 3*36 WATs Bajaj make including accessories. | 10 | Each | | |
| 7. | Brick work with F.P.S. bricks of class designation 75 in superstructure. Cement mortar 1:6 (1 cement: 6 coarse sand) | 2.18 | Cum | | |
| 8. | 15 mm cement plaster on the rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand) | 33.71 | Sqm | | |
| 9. | Providing and fixing anodized aluminium work for doors, windows, ventilators and partitions with extruded built up standard tabular and other sections of approved make conforming to IS: 733 and IS: 1285, anodized transparent or dyed to required shade according to IS: 1868., (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners 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.) | | | | |
| | For shutters of doors, windows & ventilators including providing and fixing hinges/pivots and making provision for fixing of fittings wherever required including the cost of PVC/neoprene gasket required (Fittings shall be paid for separately) | 126.99 | Kg. | | |
| 10. | Providing and fixing 12 mm thick prelaminated three layer medium density (exterior grade) particle board Grade I, Type II conforming to IS: 12823 bonded with phenol formaldehyde synthetic resin, of approved brand and manufacture in paneling fixed in aluminium 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. | 16.74 | Sqm | | |
| 11. | 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 basis item) | | | | |
| | With glass panes of 5.50 mm thickness (weight not less than 13.75 kg. /sqm) | 14.58 | Sqm | | |
| 12. | Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS:6315 marked, Hardwyn make (model 3000) or equivalent for doors including cost of cutting floors as required, embedding in floors and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of engineer-in-charge. | | | | |
| | With stainless steel cover plate. | 13 | Each | | |
| 13. | Providing and fixing 25 mm thick shutters for cupboards etc. including ISI marked black enameled M.S. but hinges with necessary screws: | | | | |
| | Second class teak wood | 9.45 | Sqm | | |
| 14. | Removing dry or oil bound distemper by scrapping, sand papering and preparing and preparing the surface smooth including necessary repairs to scratches etc. complete. | 660.89 | Sqm | | |
| 15. | Distemping with oil bound washable distemper of approved brand and manufactures to give an even shade. | | | | |
| | New work (two or more coats) over and including priming coat with cement primer. | 660.89 | Sqm | | |
| 16. | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: | | | | |
| | Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture. | 198.68 | Sqm | | |
| 17. | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. | 50 | Sqm | | |
| | | | | | (Rs.) |
| <i>N.B.: Dismantled material should be returned to Civil Engg. Section, by the contractor at his own cost.</i> | | | | | |

Signature of the contractor

INSTRUCTION TO BIDDER

1. Tenders are hereby invited for the work of **1) Repair & Maintenance Masonry work at Office Area, 2) Repair & Maintenance Finishing work at Office Area, 3) Repair & Maintenance of Masonry work at Colony Area, 4) Repair & Maintenance Finishing work at Colony Area, 5) Repair & Maintenance Sanitary, Water Supply & Drainage work at Office Area, 6) Repair & Maintenance Sanitary, Water Supply & Drainage work at Colony Area, 7) Repair & Maintenance Wood & Steel work at Office Area, 8) Repair & Maintenance Wood & Steel work at Colony Area, 9) Renovation of ODB by tiles flooring, aluminium window/door and false roofing**, from contractors of appropriate class of CPWD, Railways, MES, Post & Telegraph Department and/ or from those who have carried, out similar, works for CSIR and Semi-Govt. Organisations amounting to Rs. **1) 4,75,504.68 (Rupees four lakhs seventy five thousand five hundred four & paise sixty eight only) 2) 11,98,200.00 (Rupees eleven lakhs ninety eight thousand two hundred only) 3) 8,24,700.00 (Rupees eight lakhs twenty four thousand seven hundred only) 4) 8,67,700.00 (Rupees eight lakhs sixty seven thousand seven hundred only) 5) 7,02,300.00 (Rupees seven lakhs two thousand three hundred only) 6) 8,39,072.90 (Rupees eight lakhs thirty nine thousand seventy two & paise ninety only) 7) 3,04,400.00 (Rupees three lakhs four thousand four hundred only) 8) 7,24,100.00 (Rupees seven lakhs twenty four thousand one hundred only) 9) 5,50,484.27 (Rupees five lakhs fifty thousand four hundred eighty four & paise twenty seven only)** and above. 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) 4,75,504.68 (Rupees four lakhs seventy five thousand five hundred four & paise sixty eight only) 2) 11,98,200.00 (Rupees eleven lakhs ninety eight thousand two hundred only) 3) 8,24,700.00 (Rupees eight lakhs twenty four thousand seven hundred only) 4) 8,67,700.00 (Rupees eight lakhs sixty seven thousand seven hundred only) 5) 7,02,300.00 (Rupees seven lakhs two thousand three hundred only) 6) 8,39,072.90 (Rupees eight lakhs thirty nine thousand seventy two & paise ninety only) 7) 3,04,400.00 (Rupees three lakhs four thousand four hundred only) 8) 7,24,100.00 (Rupees seven lakhs twenty four thousand one hundred only) 9) 5,50,484.27 (Rupees five lakhs fifty thousand four hundred eighty four & paise twenty seven only)**
3. Time for carrying out the work will be **(08) eight months for Sl. No. 1 to 8 & (03) three months for Sl. No. 9** 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.**
5. Tenders should be on the specified form (Non-transferable) which may be obtained from the office of **Administrative Officer, CIMFR, Dhanbad** 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, 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 **01/10/2008** and will be opened at 3.30 P.M. on same day in the office of **Administrative Officer, CIMFR, Dhanbad** 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) 9,520.00 (Rupees nine thousand five hundred twenty only), 2) 23,965.00 (Rupees twenty three thousand nine hundred sixty five only), 3) 16,495.00 (Rupees sixteen thousand four hundred ninety five only), 4) 17,355.00 (Rupees seventeen thousand three hundred fifty five only), 5) 14,050.00 (Rupees fourteen thousand & fifty only), 6) 16,785.00 (Rupees sixteen thousand seven hundred eighty five only), 7) 6,090.00 (Rupees six thousand & ninety only), 8) 14,485.00 (Rupees fourteen thousand four hundred eighty five only), 9) 11,010.00 (Rupees eleven thousand & ten only)** as demand draft or pay order of a schedule bank 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 fails 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) | |
| | | | | | |
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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.