

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH,

(Council of Scientific & Industrial Research)

CIMFR Digwadih Campus, P.O. FRI, Distt: Dhanbad (Jharkhand) INDIA



CIVIL ENGINEERING SECTION

Tenders Documents

for

Execution of

Construction of shed for 100 KVA DG set at CIMFR unit Ranchi.

In

CIMFR (Ranchi Unit)

INDEX

SECTION	PARTICULARS	PAGE NO.
I	NOTICE INVITING TENDER	2
II	COMMERCIAL BID	3 - 6
III	INSTRUCTION TO BIDDER	12-14

NIT NO.:

Phone: 0091-326-2388362/; Fax : 0091-326-2381113, 2381385,2388360

E-mail : dcfri@sancharnet.in

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

NOTICE INVITING TENDER

No. QP/GE/1/Civil/09-10/Renovation

Dated: 18/09/2009

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

Sl.	Description of work	Estimated Value	Earnest money	Time of completion	Cost of Tender Documents
1.	Construction of shed for 100 KVA DG set at CIMFR unit Ranchi	3,22,980.00	6,460.00	4 Months	500=00
2.	Repair & renovation of transit accommodation at CIMFR unit, Ranchi	4,11,540.00	8,235.00	4 Months	500=00
3.	Repairing & carpeting of road of township at CIMFR, Digwadih Campus	34,91,250.00	69,825.00	6 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.

- Valid sales tax, registration no. & Clearance certificate & PAN card for income tax.
- Completion certificate alongwith payment received of the similar works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned Department.

Tenders to be submitted in 2 Bid System

1. Part-I

(Techno-Commercial Bid)

Consists of following documents

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

2. Part-II

(Price Bid)

Consists of following documents

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

Tender paper will be on sale from 29.09.2009 to 16.10.2009 on payment basis (Non refundable) on all working days of CIMFR, Digwadih Campus up to 4:00 P.M. and will be also available in CIMFR website www.cfrindia.nic.in , www.cimfr.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, Digwadih Campus, after obtaining date, signature of Section Officer / P.A. of A.O. on or before **20.10.2009** at 3:00 P.M. and will be opened on the same day at 3:30 P.M., in presence of the intending tenderers or their authorized representatives whoever present themselves at the time of opening of tenders.

- 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 SUBMIT PERFORMANCE GUARANTEE AS PER RULE BEFORE AWARDING THE JOB.**
- Ø **ESTIMATE BASED ON DSR-2007 & MR.**
- Ø **CPWD SPECIFICATION WILL BE FOLLOWED STRICTLY DURING EXECUTION.**
- Ø **SIMILAR WORKS MEANS CONSTRUCTION AND MAINTENANCE OF BITUMINOUS ROAD FOR SL.NO. 3 AND CONSTRUCTION AND MAINTENANCE OF BLDG. WORKS FOR SL.NO. 1 & 2.**

-Sd/-
EE (Civil)

-Sd/-
Head (Civil)

-Sd/-
HOD (GE)

-Sd/-
A.O.

-Sd/-
D' CIMFR

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : Construction of shed for 100 KVA DG set at CIMFR unit Ranchi.

Sl no.	Description of items	Quantity	Rate in Figure & words	Unit	Amount in Rs.
1	Earthwork in excavation by manual means in foundation or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed within a lead of 50 m.	15.00		cum	
2	Providing and laying flat brick soling 50 m designation including filling the joints with local sand and watering etc complete.	75.00		sqm	
3	Supplying and filling in plint with local sand under floors including watering , ramming , consolidating and dressing etc complete.	6.00		cum	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering – All works up to plinth level: 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	6.50		cum	
5	Reinforced cement concrete work in column etc up to floor five level excluding cost of centering and shuttering , finishing and reinforcement in 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	6.00		cum	
6	Reinforced cement concrete in beams , lintels etc up to floor five level excluding cost of centering, shuttering finishing and reinforcement etc in 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	5.00		cum	
				C/O	

Signature of the contractor

Sl no.	Description of items	Quantity	Rate in Figure & words	Unit	Amount in Rs.
				B/F	
7	Centering and shuttering including strutting , propping etc and removal of form for : a. Lintels, beams etc. b. Column. c. Shelves etc.	60.00 60.00 45.00		Sqm Sqm Sqm	
8	Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete.	900.00		Kg	
9	Brick work with bricks in cement mortar 1:6 (1 cement : 6 coarse sand) of class designation 75 in foundation and plinth.	6.50		cum	
10	Brick work with bricks of class designation 75 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand)	15.00		cum	
11	Supplying and fixing rolling shutter of approved make, made of required size M.S laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade no. 2 and M.S top cover of required thickness for rolling shutters. i. 80 x 1.25 M.S laths with 1.25 mm thick top cover.	9.00		Sqm	
12	Providing and fixing M.S grills of required pattern in the opening of column with M.S flats, square or round bars etc complete by grouting clamps in opening.	500.00		Kg	
13	Structural Steel work riveted, bolted or welded in built up sections , trusses and framed work , including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	600.00		Kg	
14	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with floating coat of neat cement including cement slurry but excluding the cost of steps etc complete. i. 40 mm thick	60.00		Sqm	
				C/O	

Signature of the contractor

Sl no.	Description of items	Quantity	Rate in Figure & words	Unit	Amount in Rs.
				B/F	
15	Providing asbestos cement 6 mm thick corrugated sheets roofing and fixing with polymer coated J or L hooks, bolts, and nuts 8 mm dia G.I plain and bitumen washers complete excluding the cost of purlins, rafters and trusses : corrugated sheets : i. Up to 60 degree pitch	60.00		Sqm	
16	Providing and fixing ridge in asbestos cement sheet roofing : Serrated or plain wing adjustable ridges.	21.00		RM	
17	Cement plaster skirting (up to 30 cm height) with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement : 18 mm thick.	5.00		Sqm	
18	15 mm thick cement plaster on rough side of single or half brick wall of mix 1:6 (1 cement : 6 coarse sand)	160.00		Sqm	
19	White washing with lime to give an even shade on New work (three or more coats)	120.00		Sqm	
20	Finishing walls with water proofing cement paint of required shade on New work (Two or more coats applied @ 3.84 kg/ 10 sqm	120.00		Sqm	
				C/O	

Signature of the contractor.

Sl no.	Description of items	Quantity	Rate in Figure & words	Unit	Amount in Rs.
				B/F	
21	Providing and fixing 1 mm thick M.S sheet door with frame of 40 x 40 x 6 mm 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 angle 40 x 40 x 6 mm for diagonal braces.	2.50		Sqm	
22	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade on New work (Two or more coats).	50.00		Sqm	
23	Providing and fixing factory made ISI marked steel glazed windows side hung with beading and all members such as K 11 B and K 12 B etc complete of standard rolled steel sections , joint mitred and flash butt welded and slash bars tenoned and riveted with 15 x 3 mm lugs, 10 cm long, embedded in cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of hinged , pivots, float glass panes with glazing clips and special make sash putty of approved make and a priming coat od metal beading and other fittings except necessary hinges or pivots complete as per standard design.	65.00		Kg	
	Total				

Signature of the contractor.

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH,

(Council of Scientific & Industrial Research)

CIMFR Digwadih Campus, P.O. FRI, Distt: Dhanbad (Jharkhand) INDIA



CIVIL ENGINEERING SECTION

Tenders Documents

for

Execution of

Repair & renovation of transit accommodation at CIMFR unit, Ranchi.

In

CIMFR (Ranchi Unit)

INDEX

SECTION	PARTICULARS	PAGE NO.
I	NOTICE INVITING TENDER	2
II	COMMERCIAL BID	7- 10
III	INSTRUCTION TO BIDDER	12-14

NIT NO.:

Phone: 0091-326-2388362/; Fax : 0091-326-2381113, 2381385,2388360

E-mail : dcfri@sancharnet.in

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

NOTICE INVITING TENDER

No. QP/GE/1/Civil/09-10/Renovation

Dated: 18/09/2009

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

Sl.	Description of work	Estimated Value	Earnest money	Time of completion	Cost of Tender Documents
1.	Construction of shed for 100 KVA DG set at CIMFR unit Ranchi	3,22,980.00	6,460.00	4 Months	500=00
2.	Repair & renovation of transit accommodation at CIMFR unit, Ranchi	4,11,540.00	8,235.00	4 Months	500=00
3.	Repairing & carpeting of road of township at CIMFR, Digwadih Campus	34,91,250.00	69,825.00	6 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.

3. Valid sales tax, registration no. & Clearance certificate & PAN card for income tax.
4. Completion certificate alongwith payment received of the similar works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned Department.

Tenders to be submitted in 2 Bid System

1. Part-I

(Techno-Commercial Bid)

Consists of following documents

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

2. Part-II

(Price Bid)

Consists of following documents

- b) 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 29.09.2009 to 16.10.2009 on payment basis (Non refundable) on all working days of CIMFR, Digwadih Campus up to 4:00 P.M. and will be also available in CIMFR website www.cfriindia.nic.in , www.cimfr.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, Digwadih Campus, after obtaining date, signature of Section Officer / P.A. of A.O. on or before **20.10.2009** at 3:00 P.M. and will be opened on the same day at 3:30 P.M., in presence of the intending tenderers or their authorized representatives whoever present themselves at the time of opening of tenders.

- 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 SUBMIT PERFORMANCE GUARANTEE AS PER RULE BEFORE AWARDING THE JOB.**
- Ø **ESTIMATE BASED ON DSR-2007 & MR.**
- Ø **CPWD SPECIFICATION WILL BE FOLLOWED STRICTLY DURING EXECUTION.**
- Ø **SIMILAR WORKS MEANS CONSTRUCTION AND MAINTENANCE OF BITUMINOUS ROAD FOR SL.NO. 3 AND CONSTRUCTION AND MAINTENANCE OF BLDG. WORKS FOR SL.NO. 1 & 2.**

-Sd/-
EE (Civil)

-Sd/-
Head (Civil)

-Sd/-
HOD (GE)

-Sd/-
A.O.

-Sd/-
D' CIMFR

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : Repair & renovation of transit accommodation at CIMFR unit, Ranchi.

Sl no.	Description of items	Quantity	Rate in figure & words	Unit	Amount in Rs.
1	Removal of RCC slab manually after separation from the existing brick wall and stacking the same at a distance of 50 m from the working space.	2.00		Cum	
2	Earthwork in excavation by manually means 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 up to 1.5 m including getting out the excavated earth and disposal of surplus excavated soil as directed within a lead of 50 m.	25.00		Cum	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering – All works up to plinth level 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	12.00		Cum	
4	Brick work with bricks of class designation 75 in foundation and plinth in cement mortar 1 :6 (1 cement : 6 coarse sand).	20.00		Cum	
5	Brick work with bricks of class designation 75 in superstructure above plinth level up to floor V level in all shapes and sizes in cement mortar 1:6 (1cement : 6 coarse sand).	26.00		Cum	
6	Surface dressing of the ground including removing of vegetation and in equalities not exceeding 15 cm deep and disposal of rubbish , lead up to 50 m and lift up to 1.5 m in all kinds of soil.	100.00		100.00 Sqm	
7	15 mm thick cement plaster on the rough side of single or half brick wall of mix 1:6 (1 Cement : 6 coarse sans)	50.00		Sqm	
8	12 mm thick cement plaster finished with a floating coat of neat cement finish of mix 1:4 (1 Cement : 4 fine sand).	60.00		Sqm	
				C/O	

Signature of the contractor

Sl no.	Description of items	Quantity	Rate in figure & words	Unit	Amount in Rs.
				B/F	
9	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design/ shape laid in required color and pattern over and including 50 mm thick compacted bed of coarse sand , filling the joints with sand etc complete as per EIC.	110.00		Sqm	
10	Providing and fixing 1 st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to specified by the manufacturer) of approved make in all colors , shades except begundy, bottle green, black of any size as approved by Engineer –in-charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1 : 3 (1cement : 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.	110.00		Sqm	
11	Providing and laying ceramic glazed floor tiles 300 x 300 mm (Thickness to be specified by the manufacturer) of 1 st quality confirming to IS: 15622 of approved make in all colors , shades, except white, ivory, grey, fume red brown laid on 20 mm thick bed cement mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigments etc complete.	108.00		Sqm	
12	Removing white or color wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc complete.	400.00		Sqm	
13	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade on New work (two or more coats) over and including priming coat with cement primer.	400.00		Sqm	
14	Painting with synthetic enamel paint of approved brand and manufacture of required color to give an even shade on old work one or more coats.	300.00		Sqm	
				C/O	

Signature of the contractor.

Sl no.	Description of items	Quantity	Rate in figure & words	Unit	Amount in Rs.
				B/F	
15	Providing and fixing white vitreous china pedestal type water closet (European type WC pan) with seat and lid , 10 litre low level white PVC flushing cistern with manually controlled device (handle lever) , conforming to IS : 7231 with all fittings and fixtures complete including cutting and making good the walls and floors wherever required : WC pan with ISI marked white solid plastic seat and lid.	4		each	
16	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430 x 260 x 350 mm and 340 x 410 x 265 mm sizes respectively with automatic flushing cistern with standard flush pipe and CP brass spreaders with brass unions and GI clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : one urinal basin with 5 litre white PVC automatic flushing cistern.	4		each	
17	Providing and fixing wash basin with CI brackets , 15 mm C.P brass pillar taps , 32 mm C.P brass waste of standard pattern, including painting of fitting and brackets, cutting and making good the walls wherever required : White vitreous China wash basin size 630 x 450 mm with a pair of 15 mm C.P brass pillar taps.	4		each	
18	Providing and fixing 600 x 450 mm beveled edge mirror of superior glass of approved quality complete with 6 mm thick hard board ground fixed to wooden cleats with C.P brass screws and washers complete.	4		each	
19	Providing and fixing 600 x 120 x 5 mm glass shelf with edges round of supported on anodized aluminium angle frame with C.P brass brackets and guard rail complete fixed with 40 mm long screws , rawl plugs etc complete.	4		each	
20	Providing and fixing toilet paper holder : C.P brass	4		each	
21	Repairing of doors and windows by engaging manpower, fittings and fixtures wherever is required.	12		each	
				C/O	

Signature of the contractor.

Sl no.	Description of items	Quantity	Rate in figure & words	Unit	Amount in Rs.
				B/F	
22	Providing wood work in frames of doors , windows and other frames , wrought framed and fixed in position : Sal wood	0.70		Cum	
23	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved quality and color : 600 mm towel rail with total length of 645 mm width 78 mm and effective height of 88 mm weighing not less than 190 gms.	4		each	
24	Providing and fixing GI pipes complete with GI fittings and clamps including cutting and making good the walls etc : i.15 mm nominal dia ii. 20 mm nominal dia	40.00 40.00		RM RM	
25	Providing and fixing brass bib cock 15 mm nominal bore .	12		each	
26	Providing and fixing brass stop cock of approved quality : 15 mm nominal bore	12		each	
27	15 mm thick cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement finish of mix 1:4 (1 cement : 4 fine sand)	42.00		sqm	
			Total		

Signature of the contractor.

CENTRAL INSTITUTE OF MINING & FUEL RESEARCH,

(Council of Scientific & Industrial Research)

CIMFR Digwadih Campus, P.O. FRI, Distt: Dhanbad (Jharkhand) INDIA



CIVIL ENGINEERING SECTION

Tenders Documents

for

Execution of

Repairing & carpeting of road of township at CIMFR, Digwadih Campus.

In

CIMFR Digwadih Campus.

INDEX

SECTION	PARTICULARS	PAGE NO.
I	NOTICE INVITING TENDER	2
II	COMMERCIAL BID	11
III	INSTRUCTION TO BIDDER	12-14

NIT NO.:

Phone: 0091-326-2388362/; Fax : 0091-326-2381113, 2381385,2388360

E-mail : dcfri@sancharnet.in

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

NOTICE INVITING TENDER

No. QP/GE/1/Civil/09-10/Renovation

Dated: 18/09/2009

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

Sl.	Description of work	Estimated Value	Earnest money	Time of completion	Cost of Tender Documents
1.	Construction of shed for 100 KVA DG set at CIMFR unit Ranchi	3,22,980.00	6,460.00	4 Months	500=00
2.	Repair & renovation of transit accommodation at CIMFR unit, Ranchi	4,11,540.00	8,235.00	4 Months	500=00
3.	Repairing & carpeting of road of township at CIMFR, Digwadih Campus	34,91,250.00	69,825.00	6 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.

5. Valid sales tax, registration no. & Clearance certificate & PAN card for income tax.
6. Completion certificate alongwith payment received of the similar works (including schedule) of values as mentioned above from an officer not below the rank of Executive Engineer of the concerned Department.

Tenders to be submitted in 2 Bid System

1.) Part-I

(Techno-Commercial Bid)

Consists of following documents

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

2.) Part-II

(Price Bid)

Consists of following documents

- c) 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 29.09.2009 to 16.10.2009 on payment basis (Non refundable) on all working days of CIMFR, Digwadih Campus up to 4:00 P.M. and will be also available in CIMFR website www.cfrindia.nic.in, www.cimfr.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, Digwadih Campus, after obtaining date, signature of Section Officer / P.A. of A.O. on or before **20.10.2009** at 3:00 P.M. and will be opened on the same day at 3:30 P.M., in presence of the intending tenderers or their authorized representatives whoever present themselves at the time of opening of tenders.

- 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 SUBMIT PERFORMANCE GUARANTEE AS PER RULE BEFORE AWARDING THE JOB.**
- Ø **ESTIMATE BASED ON DSR-2007 & MR.**
- Ø **CPWD SPECIFICATION WILL BE FOLLOWED STRICTLY DURING EXECUTION.**
- Ø **SIMILAR WORKS MEANS CONSTRUCTION AND MAINTENANCE OF BITUMINOUS ROAD FOR SL.NO. 3 AND CONSTRUCTION AND MAINTENANCE OF BLDG. WORKS FOR SL.NO. 1 & 2.**

-Sd/-
EE (Civil)

-Sd/-
Head (Civil)

-Sd/-
HOD (GE)

-Sd/-
A.O.

-Sd/-
D' CIMFR

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

ABSTRACT OF COST ORIGINAL ESTIMATE

Name of work : **Repairing & carpeting of road of township at CIMFR, Digwadih Campus.**

Sl. No.	Description of work	Qty	Unit	Rate in (Figures & Words)	Amount
1.	Providing and applying tack coat using hot straight run bitumen of grade 80/ 100 including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On bituminous surface @ 0.50 Kg / sqm.	24200.00	Sqm		
2.	2.0 cm premix carpet surfacing with 1.80 cum and 0.90 cum of stone chippings of 13.2mm and 11.2mm size respectively per 100 sqm. and 52 kg. and 56 kg. of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively including a tack coat with hot straight run bitumen including consolidation with road roller of 6 to 9 ton capacity etc. complete. (tack coat to be paid for separately) : With paving Asphalt 60/70 with no solvent	24200.00	Sqm		
3.	Surface dressing one coat on old surface with bitumen of specified grade at the rate of 1.22 kg/ sqm. of surface area with 1.10 cum of stone chippings 11.2 mm nominal size per 100 sqm. of road surface including consolidation with road roller of 6 to 8 ton capacity etc. complete : Using bitumen emulsion (minimum 50% bitumen content - RS grade conforming to IS : 8887).	5000.00	Sqm		
4.	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade 80 / 100 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface including rolling and finishing with road roller all complete.	24200.00	Sqm		
Total (Rs.)					

NOTE: Hot mixing plant will be used by contractor in his own cost during execution of work.

Signature of the contractor

INSTRUCTION TO BIDDER

1. Tenders are hereby invited for the work of **1) Construction of shed for 100 KVA DG set at CIMFR unit Ranchi 2) Repair & renovation of transit accommodation at CIMFR unit, Ranchi 3) Repairing & carpeting of road of township at CIMFR, Digwadih Campus.** 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) Rs. 3,22,980/- (Rupees three lakhs twenty two thousand nine hundred eighty only) 2) Rs. 4,11,540/- (Rupees four lakhs eleven thousand five hundred forty only) 3) Rs. 34,91,250/- (Rupees thirty four lakhs ninety one thousand two hundred fifty 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 **1) Rs. 3,22,980/- (Rupees three lakhs twenty two thousand nine hundred eighty only) 2) Rs. 4,11,540/- (Rupees four lakhs eleven thousand five hundred forty only) 3) Rs. 34,91,250/- (Rupees thirty four lakhs ninety one thousand two hundred fifty only)**
3. Time for carrying out the work will be **1) (04) Four months for sl.no. 1 & 2 and (06) Six months for sl. no.3** 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, Digwadih Campus.**
5. Tenders should be on the specified form (Non-transferable) which may be obtained from the office of **Administrative Officer, CIMFR, Digwadih Campus** during office hours on payment of Rs. **500/-** In case (non-refundable).
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 **20.10.2009** and will be opened at 3.30 P.M. on same day in the office of **Administrative Officer, CIMFR, Digwadih Campus** 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.
7. The Earnest Money amounting to Rs. **1) 6,460/- (Rupees six thousand four hundred sixty only) 2) Rs. 8,235/- (Rupees eight thousand two hundred thirty five only) 3) Rs. 69,825/- (Rupees sixty nine thousand eight hundred twenty five only)**, as demand draft or pay order of a schedule band and drawn in favour of Director CIMFR, Dhanbad should accompany the tender. Tenders received without earnest money will be invalid.
8. The employer does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tenderer shall be bound to perform the same at the rates quoted.
9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tender shall not be permitted to tender for works in the concerned unit of CSIR in which a relative is posted in grade between Controlled of Administration and Junior Engineer, (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who are relatives as mentioned above.

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

Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.

11. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.
12. The tenderer shall quote rates both in figures and words. He shall also work-out the amount for each item or work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him the following procedure shall be followed :
 - i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.
 - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - iii) When the rate quoted by tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
13. The tenderer should see drawings and in case of doubt obtain required particulars, which may in any way influence his tender from the Engineer as no claim whatsoever will be entertained for any alleged ignorance thereof.
14. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, Installations of tools and plants (T & P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.
15. Earnest money will be forfeited if the contractor 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: 1) Rs.1,00,000/- 2) Rs. 1,00,000/- & 3) Rs. 4,00,000/- or at the discretion of EIC (Rupees -----). Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Engineer.
 - c) SECURITY DEPOSIT : Security deposit shall be deducted from the running bills of 10% of the gross value of work done and measured inclusive of Earnest Money subject to a maximum of Rs. ----- (Rupees -----)
 - d) COMPENSATION : Contractor shall pay as compensation an amount equal to one percent or such smaller amount as the Employer (whose decision in writing shall be final) may decide on the cost of the whole work shown in the agreement, for every week that the work remains uncommenced or unfinished or due quantity of work remains incomplete after the proper dates. Compensation to be paid shall not exceed ten percent of the estimated cost of work as showing in the agreement.

18. Schedule showing approximate quantity of materials to be supplied by the Employer under Clause : 6 of the General conditions of contract for works contracted to be executed and the rates at which they are to be charged for :

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

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

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

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

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

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

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

CIMFR/ CSIR General conditions of contract will be followed.