

**Bharat Coking Coal Limited**  
**Sijua Area**

Ref.No. GM/SA/Civil/4434/2011

Dated 27/29.11.2011

Quotation Notice

Sealed quotations will be received in % age rate above/below basis from contractors on their letter pad from BCCL, experience and bonafide resourceful civil contractors.

Sl. No.	Name of work & location	Estimated cost	Earnest money	time of completion
1.	Roof repairing, w. washing, c/washing etc. quarter of B.N.Singh Accountant, Sijua Area.	Rs.16,975=75	Rs.170=00	Ten days
2.	Roof repairing w/washing, c/washing etc. quarter of S.K.Koley O.S. at 10 no. Sijua Area.	Rs.19,841=60	Rs.198=00	-do-
3.	Repair & maint. of Qtr. of Sanowar Hussain R.S. G.M. at Sijua Area.	Rs.16,582=61	Rs.166=00	-do-
4.	Rep./maint. of pipe line for pit water of 7-8 no. colony & providing pipe line in Qtr. of Baliram Dusadh at Loyabad.	Rs.27,104=70	Rs.271=00	-do-
5.	Wall plaster & roof repairing in Qtr. of Sri Rajesh Kr. Saw M/Sirdar at Basdeour colliery.	Rs.14,026=61	Rs.140=00	-do-
6.	Changing damaged pipe line and cleaning and relaying in 12 no. colony staff colony and near Shio mandir at SBC.	Rs.14,717=97	Rs.147=00	-do-
7.	Rep/maint. of damaged Qtr. allotted to Sri Hareram Dusadh Trammer at Basdeopur colliery(shifting case from Jogta fire Project to Ekra BSP)	Rs.28,133=67	Rs.281=00	-do-
8.	Renovation of drain at 15 no. area of Basdeopur colliery.	Rs.28,545=03	Rs.285=00	-do-

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9. Repair/maint. of public challa at 9 no. colony of Loyabad colliery.	Rs.11,996=47	Rs.120=00	-do-
10. Repairing of chabutra (4 nos.) 20 nos. , 9 no. ,6 no. and Bazar area of Loyabad colliery.	Rs.15,981=96	Rs.160=00	-do-
11. Changing pit water pipe near magazine gate Sendra Bansjora for Gareria line at SBC.	Rs.15,847=52	Rs.158=00	-do-
12. Cleaning pit water tank at 4 no. pit at colony water supply and boiler Sendra Bansjora colliery.	Rs.17,640=38	Rs.176=00	-do-
13. Cleaning of Gurua pond & rep. of stair at Nichitpur township.	Rs.13,741=95	Rs.137=00	-do-
14. Making 2 no. ash pit at Bazar area of Loyabad colliery.	Rs.29,357=12	Rs.294=00	-do-
15. Rep./maint. of haulage room & compressor room at 5 pit Loyabad colliery.	Rs.25,282=49	Rs.253=00	-do-
16. Repair/maint. of pit water Syra at 9 pit of Loyabad colliery.	Rs.11,070=58	Rs.111=00	-do-
17. Laying pipe line drinking water & pit water pipe line filter plant to guest house under Sijua Area.	Rs.29,933=50	Rs.299=00	-do-
18. Laying pipe line for pit water for the Qtr. of Sri Rakesh Kumar Singh clerk at Loyabad colliery.	Rs.16,861=20	Rs.169=00	-do-
19. Repairing of common challa (2 nos.) at Rajwar patti Loyabad Coke Plant.	Rs.18,415=63	Rs.184=00	-do-
20. Repairing of drain at Khalsi patti of Loyabad Coke Plant.	Rs.20,937=05	Rs.209=00	-do-
21. w/w.c/w, painting, roof repairing and flooring work for the Qtr. of Sri Chandan Mukherjee at Tetulmari.	Rs.23,015=79	Rs.230=00	-do-

contd...p/3.....

22. repairing of septic tank & W.C. room Tetulmari P.S. at Tetulmari colliery.	Rs.27,218=03	Rs.272=00	-do-
23. Repairing of lat. + bath 4 nos. at Mazar sharif of Loyabad colliery.	Rs.12,674=04	Rs.127=00	-do-
24. Repairing Qtr. of Sri Surendra Paswan at Loyabad colliery.	Rs.13,976=92	Rs.140=00	-do-
25. Plastering of inside boundary wall & other misc. work at workshop of Loyabad colliery.	Rs.14,350=77	Rs.144=00	-do-
26. Repairing of damaged door/window of office building during 'BAND & curfew 'at Loyabad colliery.	Rs.24,717=39	Rs.247=00	-do-
27. White washing, painting of Mazar sharif at Loyabad colliery.	Rs.14,401=80	Rs.144=00	-do-
28. Repair and maint. in the Qtr. of Smt. Jharna Chaktrabarty at N/hostel under R.H.Loyabad.	Rs.11,397=17	Rs.114=00	-do-
29. Changing of window in Doctor's duty chamber at R.H.Loyabad.	Rs.15,130=76	Rs.151=00	-do-

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**Availability of quotation documents**
**from 22.12.2011 to 27.12.2011**

Tender documents will be issued on all working days during working hours except on Sundays & holidays in the event of the specified date for submission/opening of bids being declared a holiday the bids will be received/opened on the appointed time on the next working day. The tender document is also available on website <http://www.bccl.gov.in>.

**Time and date of receipt/opening of quotation**

- a) The quotation will be received on 29.12.2011 from 10.00 A.M. to 03.00 P.M. in Tender Box kept at:
- CISF Post ,Sijua Area Office campus.
  - CISF Post near Koyla Bhawan gate,Koyla Nagar,BCCL,Dhanbad.
  - Office of the Asstt. Commandant CISF Camp, Angarpathra, katras Area.
  - Office of the Asstt. Commandant CISF Camp, Kusunda Area Office.
- b) The quotation received will be opened on 31.12.2011 at 11.00 A.M. in the Office of Addl.General Manager,Sijua Area.

Contd..p/4....

- c) The quotation paper/documents can be obtained during normal office hours during the period mentioned above on production of application requested issued of quotation.
- d) Completed sealed tender documents (Part-I & Part-II) should be submitted at the same time.

**Part-I** shall consist of terms and conditions of the tender, additional terms and conditions if any, Technical bid and credentials.

**Part – II** shall consist of quotation documents as issued to the quotationers duly filled in for rates, amounts etc. i.e. price bid.

The Earnest money deposit is to be submitted in a separate Envelope superscribing “**Earnest Money Deposit**” (Earnest money to be submitted in form of cash or bank draft of Nationalized bank/scheduled commercial bank approved by Reserve Bank of India in favour of Bharat Coking Coal Limited payable at Dhanbad).

The bid shall be submitted in three separate Envelopes

**Envelope-I** should contain EMD and the tender document if downloaded from website & sealed.

**Envelope-II** should contain Part-I of sales tax/VAT clearance certificate & PAN No. and sealed.

**Envelope-III** should contain Part-II i.e. Price Bid & sealed.

Thereafter, all the three sealed envelopes should be submitted in one sealed envelope. All the papers of each envelope should be serially numbered. If tender documents downloaded from website, it should be marked on the top of envelope as “DOWNLOADED DOCUMENTS”

**TERMS & CONDITION:**

1. The management of BCCL reserve the right to accept or reject any or all the quotations or split up work between the quotationers without assigning any reason what-so-ever.
2. The responsibility for procurement of all materials required for the work shall be with the contractors.
3. Conditional/incomplete quotation shall be out right rejected.
4. The validity of the quotations shall be 4(four) months from the date of opening of price bid or revised offer whichever ever is later.
5. Quotation without earnest money shall be out right rejected.
6. All other terms & conditions is as per general NIT rule of BCCL.
7. In case of any injury /accident it will be the responsibility of the contractor to pay legal dues their workers.

Copntd....p/5.....

8. The tenders are advised to submit their Bank A/C No. Name of Bank & Name of Branch.
9. Contractors have to abide by the labour regulation/abolition Act. Govt. Of India adopted by BCCL.

Sd/-  
Area Civil Engineer  
Sijua Area

Cc to : E.S. to E.D.(Vig.),BCCL,Koyla Bhawan

Cc to: G.M.(Civil) Koyla Bhawan

Cc to: G.M.(Welfare)Koyla Bhawan

Cc to: G.M.(System),with a request to display this NIT in BCCL website.

The downloading facility should be available during the period of sale of  
Tender document only.

Cc to: G.M.,Sijua Area

Cc to: A.G.M., -do-

Cc to: A.F.M. -do-

Cc to: PM(Admn. ),Sijua Area

Cc to: All CGM/GMs Area-I to Area-12,Block-II,E/Jharia & W/Jharia.

Cc to: All Project Officer,Sijua Area.

Cc to: Civil Tender Notice Board kept at CISF Office,Sijua Area..

Cc to: Inspector I/C. CISF,Koyla Bhawan.

Cc to: Asstt.Commandant,CISF,Sijua Area/CISF Camp Angarpathra ,Katras Area IV.

Cc to: Dy,Commandant,CISF Kusunda Area Office Area VI.

Cc to: The Secretary Chhatabad Malkera Adarsh Shramik Sahyog Samiti Ltd.Chhatabad  
Katrasgarh,Dhanbad.

Cc to: Builders Association of India,Central Akashkinaree Kanta Garh,Dhanbad-828113.

Cc to: Builders Association of india,316 LIG Housing Colony,Dhanbaad.

BHARAT COKING COAL LIMITED  
SIJUA AREA

1. Name of work :
2. Name of agency :
3. Cost of tender paper : Rs.
4. Details of earnest money : Rs.

Signature of Tenderer

Area Civil Engineer  
Sijua Area

BHARAT COKING COAL LIMITED  
(A Subsidiary of Coal india Limited)  
SIJUA AREA—V.

The following details have to be furnished by the tenderer while submitting the tender.

1. Name of the tenderer :
2. Whether individual partnership company :
3. Postal address of the company/proprietor  
together with telephone no. etc.
4. In respect of partnership or limited company the  
name to the other partners, director together with  
their address.
5. List of other firms partnership doing business in  
BCCL where in the above firm/partners/directors  
are connected with.
6. Whether proprietor partner director are connected  
with an employee working in BCCL. If so the details  
for the employee, designation and place of working etc.
7. Any contract being carried on in BCCL. If the above  
firm/proprietorship/limited in this own name if so the  
details of the contract being executed.
8. Details of sales tax registration number if any.
9. Whether the proprietor/partnership firm/company is  
an income tax assessment has been deducted  
(income tax clearance certificate should be enclosed)

Failure to fill up these data will result in automatic rejection of the tender. The tender papers without any other information will not be considered. This is from the part of the agreement also.

Sig. of the tenderer

Area Civil Engineer

**Bill of Quantity for the work of “Roof Repairing w.washing c/washing  
etc. qtr. of B.N.Singh Accountant Sijua Area.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	White washing with lime to give an even shade: Old work (two or more coats).	sqm	100.00	4.10	410.00
2	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	350.00	3.85	1347.50
3	P.S.flooring.	sqm	25.00	97.90	2447.50
4	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	60.00	67.65	4059.00
5	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	1.00	2007.00	2007.00
6	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.	sqm	70.00	22.85	1599.50
7	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	1.54	3314.95	5105.02
				<b>Total (₹)</b>	<b>16,975.75</b>



**Bill of Quantity for the work of “Roof Repairing w.washing c/washing etc. qtr. of S.K.Kole at 10no. Sijua Area qtr. no. M/SR-485.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	White washing with lime to give an even shade: Old work (two or more coats).	sqm	100.00	4.10	410.00
2	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	300.00	3.85	1155.00
3	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	30.00	97.90	2937.00
4	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	70.00	67.65	4735.50
5	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	1.00	2315.50	2315.50
6	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.	sqm	90.00	22.85	2056.50
7	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	1.88	3314.95	6232.10
				<b>Total (₹)</b>	<b>19,841.60</b>

**Bill of Quantity for the work of “Repair & maint. qtr. of Sanowar Hussain R.S.G.M at Sijua Area qtr. no. 55Q-158.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing A.C. sheet roofing.	sqm	24.00	158.76	3810.24
2	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	50.00	67.65	3382.50
3	25mm thick p.s. flooring (1:2:4)	sqm	44.60	103.83	4630.81
4	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	1.00	2314.56	2314.56
5	White washing with lime to give an even shade: Old work (two or more coats).	sqm	100.00	4.10	410.00
6	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	300.00	3.75	1125.00
7	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.	sqm	40.00	22.85	914.00
				<b>Total (₹)</b>	<b>16,582.61</b>

**Bill of Quantity for the work of “Rep/maint of pipe line for pit water of  
7-8 no. colony & providing pipe line in qtr. of Baliram Dusadh at  
Loyabad.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling G.I. pipes (external work) including excavation and refilling the trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge: 50 mm nominal bore.	metre	210.00	29.05	6100.50
2	Labour charge for laying G.I. pipe 50mm.	metre	192.00	37.45	7190.40
3	Providing and fixing 50mm PVC pipe	metre	18.00	380.53	6849.54
4	Providing and fixing 15mm PVC pipe	each	38.00	100.17	3806.46
5	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: 50 to 80 mm nominal bore.	each	2.00	423.20	846.40
6	Providing and fixing G.I. union in existing G.I. pipe including cutting and threading the pipe and making long screws etc. including excavation, refilling the earth or cutting of wall and	each	6.00	335.50	2013.00

	making good the same complete wherever required: 50 mm nominal bore.				
7	Providing and fixing G.I. union in existing G.I. pipe including cutting and threading the pipe and making long screws etc. including excavation, refilling the earth or cutting of wall and making good the same complete wherever required: 15 mm nominal bore.	each	2.00	149.20	298.40
				<b>Total (₹)</b>	<b>27,104.70</b>

**Bill of Quantity for the work of “Wall plaster & roof repairing in qtr. of Sri Rajesh Kr Saw M/Sirdar at Basdepur Colliery qtr. no. E-102.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	0.77	3314.95	2552.51
2	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 20 mm nominal bore.	metre	60.00	116.60	6996.00
3	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: 50 to 80 mm nominal bore.	each	1.00	423.20	423.20
4	Providing and fixing G.I. union in existing G.I. pipe including cutting and threading the pipe and making long screws etc. including excavation, refilling the earth or cutting of wall and making good the same complete wherever required: 20 mm nominal bore.	each	4.00	170.10	680.40
5	6mm cement plaster of mix 1:3 (1cement : 3 fine sand).	sqm	10.00	62.15	621.50

6	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	20.00	67.65	1353.00
7	White washing with lime to give an even shade: Old work (two or more coats).	sqm	180.00	4.10	738.00
8	Dismantling old plaster or skirting including raking out the joints and cleaning the surface for plaster and disposal of rubbish to the dumping ground within 50 metres lead.	sqm	25.00	8.20	205.00
9	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.	sqm	20.00	22.85	457.00
				<b>Total (₹)</b>	<b>14,026.61</b>

**Bill of Quantity for the work of “Changing damaged pipe line and cleaning and relaying in 12no. colony, staff colony and near Sheo Mandir at SBC.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling G.I. pipes (external work) including excavation and refilling the trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge: 25 mm nominal bore.	metre	152.00	24.90	3784.80
2	Labour charge relaying G.I. pipe 25mm dia.	metre	122.00	35.86	4374.92
3	Providing and fixing 25mm dia PVC pipe.	metre	30.00	179.85	5395.50
4	Changing 25mm dia pipe labour	nos.	4.00	135.25	541.00
5	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work): 25mm nominal bore.	each	3.00	107.25	321.75
6	Providing and fixing Flanza 2"	pair	2.00	150.00	300.00
				<b>Total (₹)</b>	<b>14,717.97</b>

**Bill of Quantity for the work of “Rep/maint of damaged qtr allotted to Sri Hariram Dusadh Trammer at Basdeopur Colliery (shifting case from Jogta fire project to Ekra BSP).”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling roofings including ridges, hips, valleys and gutters etc. including stacking of materials within 50 metres lead of GS Sheet.	sqm	45.00	24.70	1111.50
2	Providing and fixing A.C. sheet.	sqm	30.00	153.65	4609.50
3	6mm cement plaster of mix 1:3 (1cement : 3 fine sand).	sqm	12.00	62.15	745.80
4	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	0.60	3314.95	1988.97
5	25mm thick p.s. flooring (1:2:4)	sqm	24.16	102.83	2484.37
6	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	1.00	2137.96	2137.96
7	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	80.00	67.65	5412.00
8	Providing wood work in frames of doors, windows, clearstory windows and other frames wrought framed and fixed in position :Sal wood.	cum	0.10	30511.90	3051.19



9	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clearstory windows including ISI marked black enameled M.S. butt hinges with necessary screws excluding paneling which will be paid separately: 35 mm thick shutter with Kiln seasoned and chemically treated hollock wood.	sqm	3.71	899.70	3337.88
10	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	10.00	97.90	979.00
11	White washing with lime to give an even shade: Old work (two or more coats).	sqm	200.00	4.10	820.00
12	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	200.00	3.85	770.00
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.	sqm	30.00	22.85	685.50
				<b>Total (₹)</b>	<b>28,133.67</b>

**Bill of Quantity for the work of “Renovation of drain at 15no. area of Basdeopur Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, 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. (All kinds of soils).	cum	17.00	103.40	1757.80
2	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4coarse sand : 8graded stone aggregates 40 mm nominal size).	cum	3.50	2449.00	8571.50
3	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	1.97	2007.00	3953.79
4	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	55.76	97.90	5458.90

5	25mm thick p.s. flooring (1:2:4)	sqm	14.00	102.83	1439.62
6	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	1.02	3257.45	3322.59
7	Reinforced cement concrete work in beams suspended floors, roofs having slope up to 15 degrees, landings and balconies, chhajjas, shelves, lintels, bands, plain window sills, staircases and spiral staircases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement: 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.44	3673.85	1616.49
8	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	30.80	42.70	1315.16
9	Cutting ash/ earth.	cum	8.16	135.93	1109.18
				<b>Total (₹)</b>	<b>28,545.03</b>

**Bill of Quantity for the work of “Repair/maint. of Public challa at 9  
no. colony of Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing A.C. sheet.	sqm	15.00	153.65	2304.75
2	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	0.63	2137.96	1346.91
3	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	17.10	67.65	1156.81
4	25mm thick p.s. flooring (1:2:4)	sqm	41.82	102.83	4300.35
5	Colour washing such as green, blue or buff to give an even shade: New work (two or more coats) with a base coat of white washing with lime.	sqm	100.00	9.30	930.00
6	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	20.00	97.90	1958.00
				<b>Total (₹)</b>	<b>11,996.47</b>

**Bill of Quantity for the work of “Repairing of chabutra (4nos.) 20no., 9no., 6no. and Bazar area of Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	31.51	97.90	3084.82
2	25mm thick p.s. flooring (1:2:4)	sqm	97.93	102.83	10070.14
3	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	1.00	2007.00	2007.00
4	Dismantling old plaster or skirting including raking out the joints and cleaning the surface for plaster and disposal of rubbish to the dumping ground within 50 metres lead.	sqm	100.00	8.20	820.00
				<b>Total (₹)</b>	<b>15,981.96</b>

**Bill of Quantity for the work of “Changing pit water pipe near magazine gate Sendra Basnjora for Ganeria line at SBC.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling G.I. pipes (external work) including excavation and refilling the trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge: Above 40 mm nominal bore.	metre	18.29	29.05	531.32
2	Providing and fixing G.I. pipe 100mm nominal bore.	metre	18.29	698.98	12784.34
3	Demolishing cement concrete manually / by mechanical means including disposal of materials within 50m lead as per direction of Engineer-in-charge: 1:3:6 or richer mix.	cum	0.42	368.45	154.74
4	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 40 mm nominal size).	cum	0.42	3194.10	1341.52
5	Providing and fixing Flanza 100mm nominal bore.	pair	2.00	400.00	800.00
6	Providing and fixing G.I.	each	1.00	235.60	235.60

	union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work): 50mm nominal bore.				
				<b>Total (₹)</b>	<b>15,847.52</b>

**Bill of Quantity for the work of “Cleaning pit water tank at 4 no. pit at colony water supply and boiler Sendra Basnjora Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Cleaning of sludge, mud and muck.	cum	91.75	103.40	9486.95
2	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	Kilo litres	137.53	40.75	5604.34
3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, 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. (All kinds of soils).	cum	0.76	103.40	78.58
4	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 40 mm nominal size).	cum	0.76	3194.10	2427.51
				<b>Total (₹)</b>	<b>17,640.38</b>



**Bill of Quantity for the work of “Cleaning of Gurua ponds rep of stair  
at Nichitpur Township.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Cleanign of Gurua pond engaging labour	each	45.00	135.25	6086.25
2	Supply of bleaching powder.	bag	2.00	925.00	1850.00
3	Supply of lime.	bag	10.00	90.00	900.00
4	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	45.00	97.90	4405.50
5	White washing with lime to give an even shade: Old work (two or more coats).	sqm	122.00	4.10	500.20
				<b>Total (₹)</b>	<b>13,741.95</b>

**Bill of Quantity for the work of “Making 2no. ash pit at Bazar Area of  
Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, 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. (All kinds of soils).	cum	2.48	103.40	256.43
2	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4coarse sand : 8graded stone aggregates 40 mm nominal size).	cum	0.41	2449.00	1004.09
3	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	1.55	2007.00	3110.85
4	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and	cum	3.12	2137.96	6670.43

	sizes incement mortar 1:6 (1cement : 6coarse sand).				
5	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	30.00	67.65	2029.50
6	Brick flat soling.	sqm	7.43	20.94	155.58
7	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.36	3257.45	1172.68
8	Colour washing such as green, blue or buff to give an even shade: New work (two or more coats) with a base coat of white washing with lime.	sqm	30.00	9.30	279.00

<b>Total (₹)</b>	<b>14,678.56</b>
<b>For 2 nos. ashpit(₹)</b>	<b>29,357.12</b>

**Bill of Quantity for the work of “Repair/maintenance of haulage room  
& compressor room at 5pit Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	253.90	67.65	17176.33
2	Providing corrugated galvanized steel sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on over lapping of sheets complete (up to any pitch in horizontal / vertical or curved surfaces) excluding the cost of purlins, rafters and trusses and including cutting to sizes and shape wherever required: 0.63mm thick with zinc coating not less than 275gms per sqm.	sqm	11.00	432.25	4754.75
3	White washing with lime to give an even shade: Old work (two or more coats).	sqm	438.38	4.10	1797.35
4	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.	sqm	14.68	22.85	335.43

5	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	0.57	2137.96	1218.63
				<b>Total (₹)</b>	<b>25,282.49</b>

**Bill of Quantity for the work of “Repair/maintenance of pit water syra  
at 9 pit of Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	2.15	2007.00	4315.05
2	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	13.01	67.65	880.13
3	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	59.47	97.90	5822.11
4	White washing with lime to give an even shade: Old work (two or more coats).	sqm	13.00	4.10	53.30
				<b>Total (₹)</b>	<b>11,070.58</b>

**Bill of Quantity for the work of “Laying pipe line drinking water & pit water pipe line filter plant to guest house under Sijua Area.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing 50mm PVC pipe.	metre	48.00	285.00	13680.00
2	Providing and fixing 50mm GI plane socket	each	15.00	65.00	975.00
3	Providing and fixing 50mm GI falencha	pair	1.00	265.00	265.00
4	Providing and fixing 50mm GI pipe.	metre	18.00	280.10	5041.80
5	Providing and fixing 50mm GI valve.	each	2.00	485.85	971.70
6	Providing and fixing 80mm GI pipe.	metre	21.82	458.15	9999.99
				<b>Total (₹)</b>	<b>29,933.50</b>

**Bill of Quantity for the work of “Laying pipe line for pit water for the  
qtr of Sri Rakesh Kr Singh Clerk at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling G.I. pipes (external work) including excavation and refilling the trenches after taking out the pipes manually / by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge: 15 mm to 40 mm nominal bore.	metre	100.00	24.90	2490.00
2	Labour charge for laying 25mm dia pipe.	metre	100.00	31.50	3150.00
3	Providing and fixing 25mm dia PVC pipe.	metre	50.00	179.85	8992.50
4	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: 50 to 80 mm nominal bore.	each	1.00	423.20	423.20
5	Providing and fixing G.I. union in existing G.I. pipe including cutting and threading the pipe and making long screws etc. including excavation, refilling the earth or cutting of wall and making good the same complete wherever required: 25 mm nominal bore.	each	10.00	180.55	1805.50
				<b>Total (₹)</b>	<b>16,861.20</b>



**Bill of Quantity for the work of “Repairing of common challa (2nos.)  
at Rajwar Patti Loyabad Coke Plant.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Cement concrete flooring 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates) finished with a floating coat of neat cement including cement slurry but excluding the cost of nosing of steps etc. complete: 40 mm thick with 20 mm nominal size stone aggregates.	sqm	47.81	192.95	9224.93
2	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	0.72	3314.95	2386.76
3	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	20.72	67.65	1401.70
4	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	1.49	2137.96	3185.56
5	White washing with lime to give an even shade: New work (three or more coats).	sqm	191.82	6.75	1294.78
6	Providing and fixing A.C sheet.	sqm	6.00	153.65	921.90
				<b>Total (₹)</b>	<b>18,415.63</b>

**Bill of Quantity for the work of “Repairing of drain at Khalari Patti of Loyabad Coke Plant.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	3.82	2007.00	7666.74
2	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	83.64	97.90	8188.35
3	25mm thick p.s. flooring (1:2:4)	sqm	27.88	102.83	2866.90
4	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.68	3257.45	2215.06
				<b>Total (₹)</b>	<b>20,937.05</b>

**Bill of Quantity for the work of “W/w, c/w, painting, roof repairing and flooring work for the qtr. of Sri Chandan Mukherjee at Tetulmari.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	White washing with lime to give an even shade: Old work (two or more coats).	sqm	100.00	4.10	410.00
2	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	150.00	3.75	562.50
3	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: One or more coats on old work.	sqm	40.00	22.85	914.00
4	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete: Black solid plastic seat with lid.	each	1.00	305.90	305.90
5	Cement concrete flooring (1:2:4).	sqm	40.00	192.65	7706.00
6	Providing and fixing white vitreous china pedestal type (European type / wash down type) water closet pan.	each	1.00	841.25	841.25
7	25mm thick p.s. flooring (1:2:4)	sqm	30.00	102.83	3084.90
8	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	20.00	42.70	854.00
9	12mm cement plaster of	sqm	40.00	67.65	2706.00

	mix: 1:6 (1cement : 6fine sand).				
10	Providing and laying up to floor five level reinforced cement concrete in kerbs, steps and the like excluding the cost of centering, shuttering, finishing and reinforcement with 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.35	3502.85	1225.99
11	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	45.00	97.90	4405.50
				<b>Total (₹)</b>	<b>23,015.79</b>

**Bill of Quantity for the work of “Repairing of septic tank & W.C. room  
Tetulmari P.S. at Tetulmari Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means foundation trenches, drain not exceeding 1.5 m in width as well as 10 sqm on plan including dressing of sides and ramming of bottom, 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. (All kinds of soils).	cum	12.99	103.40	1343.16
2	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:4:8 (1cement : 4coarse sand : 8graded stone aggregates 40 mm nominal size).	cum	0.70	2449.00	1714.30
3	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	3.00	2137.95	6413.85
4	Half brick work	sqm	10.97	302.80	3321.71
5	12mm cement plaster finished with a floating	sqm	38.54	97.90	3773.06

	coat of neat cement of mix: 1:4 (1cement : 4fine sand).				
6	25mm thick p.s. flooring (1:2:4)	sqm	8.68	102.84	892.65
7	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement in all works up to plinth level: 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.47	3359.60	1579.01
8	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	36.30	42.70	1550.01
9	Providing and fixing white vitreous china water closet squatting pan (Indian type): Long pan pattern W.C. pan of size 580mm.	each	2.00	534.60	1069.20
10	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: 250x130x30mm.	pair	2.00	111.70	223.40
11	Providing and fixing trap of self cleaning design with sand cast iron screwed down or hinged grating with or without vent arm complete,	each	2.00	375.90	751.80

	including cost of cutting and making good the walls and floors: 100 mm inlet and 75 mm outlet Sand cast iron S&S as per IS:1729.				
12	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1cement : 1fine sand) including testing of joints etc. complete: 100 mm diameter.	metre	15.00	105.90	1588.50
13	Providing and laying cement concrete 1:5:10 (1cement : 5coarse sand : 10graded stone aggregates 40mm nominal size) up to haunches of SW pipes including bed concrete as per standard design: 100 mm diameter SW pipe.	metre	15.00	157.40	2361.00
14	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	7.50	67.65	507.30
15	White washing with lime to give an even shade: Old work (two or more coats).	sqm	15.00	4.10	61.50
16	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.	sqm	3.00	22.85	68.58
				<b>Total (₹)</b>	<b>27,218.03</b>

**Bill of Quantity for the work of “Repairing of Lat+Bath 4 nos. at Mazarsarif of Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Half brick masonry with FPS bricks of class designation 75 in foundation and plinth in cement mortar 1:4 (1cement : 4coarse sand).	sqm	5.57	270.35	1505.84
2	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	44.00	97.90	4307.60
3	Providing and fixing white vitreous china water closet squatting pan (Indian type): Long pan pattern W.C. pan of size 580mm.	each	3.00	534.60	1603.80
4	Providing and fixing trap of self cleaning design with sand cast iron screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS:3989.	each	3.00	544.30	1632.90
5	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: 250x130x30mm.	pair	3.00	111.70	335.10



6	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	30.00	67.65	2029.50
7	Dismantling old plaster or skirting including raking out the joints and cleaning the surface for plaster and disposal of rubbish to the dumping ground within 50 metres lead.	sqm	40.00	8.20	328.00
8	Brick flat soling.	sqm	20.00	20.94	418.80
9	White washing with lime to give an even shade: Old work (two or more coats).	sqm	125.00	4.10	512.50
				<b>Total (₹)</b>	<b>12,674.04</b>

**Bill of Quantity for the work of “Repairing qtr. of Sri Surendra  
Paswan at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	103.22	67.65	6982.83
2	25mm thick p.s. flooring (1:2:4)	sqm	19.51	102.83	2006.21
3	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	0.57	2137.96	1218.63
4	Dismantling old plaster or skirting including raking out the joints and cleaning the surface for plaster and disposal of rubbish to the dumping ground within 50 metres lead.	sqm	100.00	8.20	820.00
5	White washing with lime to give an even shade: Old work (two or more coats).	sqm	180.00	4.10	738.00
6	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.	Sqm	15.00	22.85	342.75
7	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	Sqm	15.00	97.90	1468.50
8	Cleaning of septic tank.	Each	1.00	400.00	400.00
				<b>Total (₹)</b>	<b>13,976.92</b>

**Bill of Quantity for the work of “Plastering of inside boundary wall & other misc. work at workshop of Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	83.64	67.65	5658.24
2	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	320.67	3.85	1234.57
3	25mm thick p.s. flooring (1:2:4)	sqm	25.00	102.83	2570.75
4	Distempering with dry distemper of approved brand and manufacture (one or more coats) and of required shade on old work to give an even shade.	sqm	167.31	12.35	2066.27
5	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.	sqm	88.00	22.85	2010.80
6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	100.00	4.25	425.00
7	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to	sqm	100.00	3.20	320.00

	scratches etc. complete.				
8	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.02	3257.45	65.14
				<b>Total (₹)</b>	<b>14,350.77</b>

**Bill of Quantity for the work of “Repairing of damaged door/window of office building during BAND & Curfew at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Brick work with FPS bricks of class designation 50 in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	0.63	2137.96	1346.91
2	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	19.00	67.65	1285.35
3	Fixing chowkhat in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts embedding hold fasts in cement concrete 1:3:6 (1cement : 3coarse sand : 6stone aggregates 20mm nominal size) painting two coats of approved wood preservatives to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50metres lead: Door chowkhats.	each	2.00	354.45	708.90
4	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clearstory windows including ISI	sqm	2.67	899.70	2402.19

	marked black enameled M.S. butt hinges with necessary screws excluding paneling which will be paid separately: 35 mm thick shutter with Kiln seasoned and chemically treated hollock wood.				
5	25mm thick p.s. flooring (1:2:4)	sqm	5.57	102.83	572.76
6	Providing and fixing ISI marked flush door shutters conforming to IS::2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face neneers on both faces of shutters: 30mm thick including ISI marked stainless steel butt hinges with necessary screws.	sqm	13.66	904.40	12354.10
7	Renewing glass panes with putty and nails wherever necessary: Float glass panes of thickness 4 mm.	sqm	5.87	427.60	2510.01
8	Providing and laying cement concrete of specified grade excluding the cost of centering and shuttering in all works up to plinth level : 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.05	3257.45	162.87

9	Reinforced cement concrete work in beams suspended floors, roofs having slope up to 15 degrees, landings and balconies, chhajjas, shelves, lintels, bands, plain window sills, staircases and spiral staircases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement: 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20 mm nominal size).	cum	0.16	3673.85	587.81
10	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	11.24	42.70	479.94
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	sqm	41.40	33.25	1376.55
12	Colour washing such as green, blue or buff to give an even shade: New work (two or more coats) with a base coat of white washing with lime.	sqm	100.00	9.30	930.00
				<b>Total (₹)</b>	<b>24,717.39</b>

**Bill of Quantity for the work of “White washing painting of  
Mazarsharif at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	White washing with lime to give an even shade: Old work (two or more coats).	sqm	515.00	4.10	2111.50
2	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	829.00	3.85	3191.65
3	Distempering with oil bound distemper of approved brand and manufacture to give an even shade: Old work (one or more coats).	sqm	145.00	14.90	2160.50
4	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.	sqm	149.00	22.85	3404.65
5	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	30.00	67.65	2029.50
6	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	470.00	3.20	1504.00
				<b>Total (₹)</b>	<b>14,401.80</b>



**Bill of Quantity for the work of “Repair and maintenance in the qtr. of  
Smt. Jharna Chakraborty at N/Hostel under R.H.Loyabad.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	White washing with lime to give an even shade: Old work (two or more coats).	sqm	256.00	4.10	1049.60
2	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.	sqm	22.00	22.85	502.70
3	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	15.00	67.65	1014.75
4	25mm thick p.s. flooring (1:2:4)	sqm	10.00	102.83	1028.30
5	Providing wood work in frames of doors, windows, clearstory windows and other frames wrought framed and fixed in position :Sal wood.	cum	0.032	30511.95	976.38
6	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clearstory windows including ISI marked black enameled M.S. butt hinges with necessary screws excluding paneling which will be paid separately: 30 mm thick shutter with Kiln seasoned and chemically treated hollock wood.	sqm	0.85	810.90	689.26
7	Providing hoisting and fixing up to floor five	cum	0.63	4882.25	3075.81

	level pre-cast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the likes including the cost of required centering and shuttering finishing smooth with 6mm thick cement plaster 1:3 (1cement: 3fine sand) on exposed surfaces but excluding the cost of reinforcement with 1:2:4 (1cement : 2coarse sand : 4graded stone aggregates 20mm nominal size).				
8	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	43.00	42.70	1836.10
9	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	0.61	2007.00	1224.27
				<b>Total (₹)</b>	<b>11,397.17</b>

**Bill of Quantity for the work of “Changing of window in Doctor’s duty chamber at R.H.Loyabad.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling of old windows and clerestory windows (steel or wood) shutters including chowkhats, architrave, hold fasts etc. complete and stacking of materials within 50 metres lead: Of area 3 sq. metres and below.	each	2.00	54.60	109.20
2	Providing and fixing anodized aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make confirming to IS: 733 and IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of the 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 angles, Aluminium snap beading for glazing / paneling,	kg	41.14	310.45	12771.91

	C.P. brass / stainless steel screws all complete as per architectural drawings and the direction 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 cost of PVC / Neoprene gasket required (fittings shall be paid for separately): Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, minimum anodic coating of grade AC 15).				
3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per architectural drawings and the direction of Engineer-in-charge (cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5.50 mm thickness..	sqm	3.34	673.55	2249.66
				<b>Total (₹)</b>	<b>15,130.76</b>