

**BHARAT COKING COAL LIMITED**  
**SIJUA AREA**

Ref.No.GM/SA/Civil / 4362 /2011

Dated 24/25.11.2011

**OPEN TENDER NOTICE**

Sealed tenders in two parts(Part I & II) on overall percent age rate basis are invited from experienced and eligible contractors for the following works:

Sl. No.	Name of work & Location	Estimated cost	Earnest money	Cost of tender paper	Time of completion
1.	Repairing and maintenance of damaged drain after cleaning at different places at Nichitpur township.	Rs.62,845=13	Rs.628=00	Rs.100=00	-do-
2.	Repairing of Qtr. of Sri Akhilesh Kr., Binod Nonia & Mohan Mallah shifted from fire area to 'O' seam at Tetulmari.	Rs.95,193=72	Rs.952=00	Rs.100=00	-do-
3.	Repairing of damaged house of Bauri basti on the edge of TOCP Tetulmari.	Rs.38,409=26	Rs.384=00	Rs.100=00	-do-
4.	Repairing maintenance of pipe line for drinking water from main to Harizan basti Ekra at Basdeopur colliery.	Rs.60,453=25	Rs,605=00	Rs.100=00	-do-
5.	Renovation of septic tank near backside D&A type of rehabilitation site at PST2 Tetulmari.	Rs.45,005=84	Rs.450=00	Rs.100=00	-do-
6.	Changing of damaged pipe in P.N. section Qtr.No.330 to 312,313 to 322 for pit water purpose at Shishu Bidya mandir and serviceable ramp at Nichitpur colliery.	Rs.83,690=18	Rs.837=00	Rs.100=00	-do-
7.	Roof repairing in the Kankanee colliery office at Kankanee colliery.	Rs.81,157=55	Rs.812=00	Rs.100=00	-do-
8.	Repairing and cleaning of main drain before OCP workshop Tetulmari colliery.	Rs.64,102=98	Rs.641=00	Rs.100=00	-do-

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9. Roof grading & rain water pipe fixing at community centre Shiv mandir Nichitpur township. Rs.32,803=79 Rs.328=00 Rs.100=00 -do-
10. Changing of pipe from 9 pit pump house to MPI building at Loyabad colliery. Rs.51,711=95 Rs.517=00 Rs.100=00 -do-
11. Changing pipe line for pit water at Bawri patti sramik colony at Loyabad colliery. Rs.38,913=20 Rs.389=00 Rs.100=00 -do-
12. Changing pipe line for pit water from pump house to 20 nos. sramik colony at Loyabad colliery. Rs.49,836=95 Rs.498=00 Rs.100=00 -do-
13. Roof repairing by bitumen paint of office building & store of Basdeopur colliery. Rs.44,541=00 Rs.445=00 Rs.100=00 -do-
14. Repair/maintenance of colliery office Basdeopur colliery. Rs.58,900=00 Rs.589=00 Rs.100=00 -do-
15. w/w,c/w, distempering, painting and misc. work in the bungalow(newly allotted) to Dr.Satnarain Sharma (ENT Dpt.) at R.H. Loyabad. Rs.47,753=41 Rs.478=00 Rs.100=00 -do-
16. Repairing maintenance Qtr.No.64,181 & 174 from fire area to 'O' seam at Tetulmari colliery. Rs.43,621=38 Rs.436=00 Rs.100=00 -do-
17. Repairing maintenance of dispensary building at Nichitpur township. Rs.81,140=31 Rs.811=00 Rs.100=00 -do-
18. Repair & maintenance of Qtr. of Swapn Kr. Sen at Sijua colony under Sijua Area. Rs.37,923=15 Rs.379=00 Rs.100=00 -do-
19. Roof repairing with PCC in B type colony (5 block) at Sijua Area. Rs.39,097=88 Rs.391=00 Rs.100=00 -do-

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20. Repairing of damaged septic tank at  
'B' type & Arch type colony under  
Sijua Area 8 units. Rs.64,000=62 Rs.640=00 Rs.100=00 -do-
21. roof repairing with PCC in B type colony  
(5 block) at Sijua Area. Rs.67,433=02 Rs.674=00 Rs.100=00 -do-
22. Heightening & repairing of boundary  
wall of B type colony Sijua Area. Rs.64,839=26 Rs.648=00 Rs.100=00 15 days
23. Repair & maintenance bungalow (SAE/7) of  
Sri S.R. Mahto(Engg.Excavation )  
8 bungalow under Sijua Area. Rs.58,806=55 Rs.588=00 Rs.100=00 -do-
24. Thorough repair & maintenance of  
outside two block(24 units) block  
no.709 to 720,829 to 840 at  
Nichitpur township. Rs.93,727=07 Rs.937=00 Rs.100=00 -do-
25. Thorough repair of outside two block  
(24 units)block no.733 to 744,721 to 732  
at Nichitpur township. Rs.96,379=00 Rs.964=00 Rs.100=00 -do-
26. Repairing of collapsed boundary wall  
of AGM bungalow( front road side)  
under Sijua Area(Bungalow no.SA/E-17) .  
Rs.55,430=82 Rs.554=00 Rs.100=00 -do-

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**Availability of tender documents**

**from 29.11.2011 to 03.12.2011**

Tender documents will be issued on the above dates during working hours excepts Sunday & 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://bccl.cmpdi.co> . or [http:// www.bccl .gov.in](http://www.bccl.gov.in) and can be down loaded.

**Time & date of receipts/opening of tender:**

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- a) The tenders will be received on 05.12.2011 from 10.00 A.M. to 3.00 P.M. in Tender Box Kept at:
- (i) CISF Post Sijua Area office campus.
  - (ii) CISF Post Near Koyla Bhawan gate, Koyla Nagar BCCL,Dhanbad.
  - (iii) Office of the Asstt. Commandant CISF Camp,Angarpathr,Katras Area.
  - (iv) Office of the Dy.Commandant CISF Camp, Kusunda Area Office.
- b) The tender received will be opened on 07.12.2011 at 11.00 A.M. in the office of Addl. General Manager ,Sijua Area.

1. ELIGIBILITY CRITERIA;

- (a)The intending tenderer must have in its name as a prime contractor experience of having successfully completed similar works during 7(seven)years ending last day of month previous to the one in which bid applications are invited(i.e. from 01.10.2004 to 30.09.2011) should be either of the following:

Three similar completed works each costing not less than the amount equal to 40% of the estimated cost.

OR

Two similar completed work each costing not less than amount equal to 50% of the estimated cost

OR

One similar completed work costing not less than the amount equal to 80% of the estimated cost.

**N.B. Similar work means :** (1) Rep./Construction of building work for sl.no.1 to 3,5,7,9,14 to 20,23 to 26 (2) pipe line work for sl.no.4,6,10 to 12. (3) Civil work including bricks works for sl.no.8 (4) Rep./Construction of building work with roof repairing for sl.no.13 (5) Civil building works for sl.no.21 & 22.

- (b) Average annual financial turn over of civil work during the last 3(three) YEAR ENDING 31<sup>ST</sup> March of the previous financial year(i.e.2008-2009,2009-20010 & 2010-11) should be least 30% of the estimated cost(To be submitted T.D.S. Form-16).

The intending tenderer must submit documentary evidence in support of 1 (a) & (b) above in the form of certified copy of work order, completion certificate, payment certificate vouchers etc. indicating the period of work for which the payment has been made duly signed by him/them.

NOTE : (i) Provision under eligibility criteria 1.(a) shall also include those similar works “ while considering the value of completed works, the full value of completed works be considered whether or not the date of commencement is within the said seven years period.

(ii) As per eligibility criteria specified under Sl.No.1(a) Pre-qualification shall be done based on experience of successfully completed works and not on experience of work in progress.

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1. The tender documents can be had from the office of the Area Civil Engineer, Sijua Area during the period mentioned above on deposition of requisite cost of tender paper in form of cash or Bank draft of Nationalised Bank/schedule commercial Bank approved by Reserve Bank of India in favour of Bharat Coking Coal Limited payable of Dhanbad.
2. Completed sealed tender documents (Part I & 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 tender documents as sold to the tenderers duly filled in for rate, amounts etc. i.e. price bid.

The earnest money deposit is to submitted in a separate envelope superscribing "EARNEST MONEY DEPOSIT"(Earnest money to be submitted in form of cash or Bank draft of Nationalised 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 envelope.**

**Envelope -I** should contain earnest money deposit and the cost of tender document if downloaded from the website and sealed.

**Envelope-II** should contain part-I of Tender Document and sealed.

**Envelope –III** should contain part-II i.e. price bid and sealed.

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

The tender will be received on 05.12.2011 from 10.00 A.M. to 03.00 P.M. in Tender box kept at:

- i) CISF Post Sijua Area Office campus.
- ii) CISF Post near Koyla Bhawan gate, Koyla Nagar, BCCL, Dhanbad.
- iii) Office of the Asstt. Commandant CISF Camp, Angarpathra, Katras Area.
- iv) Office of the Dy. Commandant CISF Camp, Kusunda Area Office.

and will be opened on 07.12.2011 in presence of the intending tenderer or their authorised representative & T.C. Members in the office of Addl. General Manager, Sijua Area V.

**Only Part-I** will be opened on this date.

**The part-I** will be opened only after receipt of earnest money deposit and in case of downloaded tender, the cost of tender document too.

**The part-II** will be opened only after: the department is satisfied that the criteria fixed are fulfilled i.e. on acceptance of part-I.

4. The earnest money is to be deposited as per detail given in the tender documents.
5. Sales tax clearance certificate copy shall be **attested by a Gazetted officer** of the Govt. (Central or State) & TIN No.

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6. The tenderers have to submit permanent Account No.(PAN) of Income Tax.
7. Conditional tenders will not be accepted.
8. Issuance of tender documents does not mean that the parties are considered qualified.
9. The experience as given in the eligibility criteria should be in the name and style in which tender is filled. The experience in the name of some other firm/company will not be considered for this purpose.
10. The validity of the tender will be 120 days from the date of opening of price bid or revised price bid if any. Which ever will be later.
11. The management of BCCL reserves right to reject any or all tender or split the work among two or more tenderers without assigning any reasons whatsoever.
12. Other details may be obtained from detailed tender notice/tender documents/website <http://bccl.cmpdi.co.in>.
13. If tender document has been downloaded from the above mentioned website, the tenderers are required to deposit along with their tender, a Bank Draft of any Nationalised/Schedule Commercial Bank approved by Reserve Bank of India payable at Dhanbad exclusively towards the cost of Tender Document for the amount indicated as above, in the envelope as stated at Clause 3 of this NIT. Any Bank Draft, prepared after the scheduled closure of sale of Tender Documents may be liable for rejection.
14. The contents of the Tender Documents available in our offices, shall be deemed as authentic. The bidder will be required to submit an undertaking that they will accept the tender documents as available in the website and their tender shall be rejected if any tampering is there in the tender document thus submitted.
15. No tender will be issued or submitted by postal means.
16. In case of any injury/accident it will be the responsibility of the contractor to pay all legal dues their workers.

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

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: 7 :

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 ,Katrass Area IV.

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

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

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

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

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 tender : \_\_\_\_\_
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  
Sijua Area

**Bill of Quantity for the work of “Repairing and maintenance of  
damaged drain after cleaning at different places at Nichitpur  
Township.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Brick work with FPS bricks in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	8.00	2137.96	17103.68
2	Half brick masonry with FPS bricks in foundation and plinth in cement mortar 1:4 (1cement : 4coarse sand).	sqm	30.00	270.35	8110.50
3	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	90.00	97.90	8811.00
4	25mm thick p.s. flooring (1:2:4)	sqm	45.00	102.83	4627.35
5	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	18.00	67.65	1217.70
6	Cleanig of drain.	cum	215.00	106.86	22974.90
				<b>Total (₹)</b>	<b>62,845.13</b>

**Bill of Quantity for the work of “Repairing of qtr. of Sri Akhilesh Kr., Binod Nonia & Mohan Mallah shifted from fire area to ‘O’ seam at Tetulmari.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Shattar	sqm	24.922	904.90	22551.90
2	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	240.00	67.65	16236.00
3	25mm thick p.s. flooring (1:2:4)	sqm	105.00	102.93	10807.65
4	White washing with lime to give an even shade: Old work (two or more coats).	sqm	360.00	4.10	1476.00
5	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	210.00	3.85	808.50
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	105.00	22.50	2362.50
7	S/F/F chaukhat	cum	0.298	30511.50	9092.42
8	Providing and fixing ISI marked copper oxidised M.S. sliding bolts with nuts and screws complete: 250 x 16 mm.	each	9.00	69.65	626.85
9	Providing and fixing ISI marked copper oxidised M.S. tower bolt black finish (barrel type) with necessary screws complete : 250 x 10 mm.	each	12.00	33.90	406.80
10	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
11	Providing and fixing trap of self cleaning design	each	3.00	442.10	1326.30

	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:1729.				
12	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: 250x125x25mm.	pair	3.00	112.85	338.55
13	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete: 100 mm Sand cast iron S&S as per IS:1729.	metre	6.00	255.00	1530.00
14	Providing and fixing soil, waste and vent pipes: 100 mm dia Sand cast iron S&S as per IS:1729.	metre	6.00	451.00	2706.00
15	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	120.00	97.90	11748.00
16	Brick work with FPS bricks in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	5.00	2314.49	11572.45
				<b>Total (₹)</b>	<b>95,193.72</b>

**Bill of Quantity for the work of “Repairing of damaged house of Banri Basti on the edge of TOCP Tetulmari.”**

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 Asbestos Sheet.	sqm	180.00	11.75	2115.00
2	Demolishing brick work manually / by mechanical means including stacking of serviceable materials and disposal of unserviceable materials within 50 metre lead as per direction of Engineer-in-charge. In cement mortar.	cum	2.00	310.75	621.50
3	Providing and fixing A.C. sheet roofing.	sqm	180.00	153.65	27657.00
4	Brick work with FPS bricks in superstructure above plinth level up to floor V level in all shapes and sizes incement mortar 1:6 (1cement : 6coarse sand).	cum	2.00	2316.63	4633.26
5	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	50.00	67.65	3382.50
				<b>Total (₹)</b>	<b>38,409.26</b>

**Bill of Quantity for the work of “Repairing maintenance of pipe line for drinking water from main to Harizan Basti Ekra at Basdeopur Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 25 mm nominal bore.	metre	343.00	156.85	53799.55
2	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	16.00	180.55	2888.80
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 brass stop cock 15 mm nominal bore of approved quality.	each	1.00	191.70	191.70
5	Labour charge for fixing 25mm G.I. pipe.	metre	100.00	31.50	3150.00
				<b>Total (₹)</b>	<b>60,453.25</b>

**Bill of Quantity for the work of “Renovation of septic tank near  
backside D2A type of rehabilitation site at PST2 Tetulmari.”**

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	6.80	103.40	703.12
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	0.56	2449.00	1371.44
3	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	3.27	2007.00	6562.89
4	Half brick masonry with FPS bricks in foundation and plinth in cement mortar 1:4 (1cement :	sqm	2.60	270.35	702.91

	4coarse sand).				
5	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	18.21	97.90	1782.75
6	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	2.97	192.95	573.06
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	0.56	3673.85	2057.35
8	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	30.00	42.70	1281.00



9	Providing and fixing soil, waste and vent pipes: 100 mm dia Sand cast iron S&S as per IS:1729.	metre	6.00	451.00	2706.00
10	Providing and fixing white vitreous china water closet squatting pan (Indian type): Long pan pattern W.C. pan of size 580mm.	each	4.00	534.60	2138.40
11	Providing and fixing a pair of white vitreous china foot rests of standard pattern for squatting pan water closet: 250x130x30mm.	pair	4.00	111.70	446.80
12	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	4.00	544.30	2177.20
<b>Total (₹)</b>					<b>22,502.92</b>
<b>For 2 nos. (₹)</b>					<b>45,005.84</b>

**Bill of Quantity for the work of “Changing of damaged pipe in PN  
Sectin qtr.no.330 to 312, 313 to 322 for pit water purpose at Shishu  
Bidya Mandir and serviceable ramp at Nichitpur Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	P/F G.I. pipe3"	metre	81.00	458.42	37132.20
2	Dismantling G.I. pipe 3"	metre	80.00	24.95	1996.00
3	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 15 mm nominal bore.	metre	125.00	94.05	11756.25
4	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 40 mm nominal bore.	metre	110.00	219.60	24156.00
5	Providing sluice valve 3"	piece	2.00	1750.00	3500.00
6	Connection.	each	20.00	166.65	3333.00
7	P/Flange 3"	pair	5.00	265.00	1325.00
8	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	0.23	2137.96	491.73
<b>Total (₹)</b>					<b>83,690.18</b>

**Bill of Quantity for the work of “Roof repairing in the Kankanee Colliery office at Kankanee Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling old damaged tarfelt	sqm	414.00	1.86	770.04
2	Cleaning bush and carriage on the roof. Labour	each	15.00	135.25	2028.75
3	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	15.77	3314.95	52276.76
4	Painting top of roofs with bitumen of approved quality @ 17kg per 10sqm impregnated with a coat of coarse sand @ 60 cubic decimeter per 10sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete: with residual type petroleum bitumen of penetration 80/100.	sqm	414.00	63.00	26082.00
<b>Total (₹)</b>					<b>81,157.55</b>

**Bill of Quantity for the work of “Repairing and cleaning of main drain  
before OCP workshop 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	178.57	103.40	18464.14
2	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	15.94	2007.00	31991.58
3	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	139.40	97.90	13647.26
<b>Total (₹)</b>					<b>64,102.98</b>

**Bill of Quantity for the work of “Roof grading & rain water pipe fixing  
at community centre Shiv Mandir Nichitpur Township.”**

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	5.38	3314.95	17834.43
2	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	71.00	97.90	6950.90
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	2.42	2137.90	5173.71
4	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	35.00	67.65	2367.75
5	Rain water PVC pipe 3".	each	6.00	79.50	477.00
<b>Total (₹)</b>					<b>32,803.79</b>

**Bill of Quantity for the work of “Changing of pipe from 9 pit pump house to MPI building at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 80 mm nominal bore.	metre	100.00	458.15	45815.00
2	Providing and fixing G.I. flange 80 mm nominal bore.	pair	4.00	350.00	1400.00
3	Providing and fixing 25mm PVC pipe.	metre	24.00	179.85	4316.40
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: 25 mm nominal bore.	each	1.00	180.55	180.55
<b>Total (₹)</b>					<b>51,711.95</b>

**Bill of Quantity for the work of “Changing pipe line for pit water at Bawri Patti Sramik Colony at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 50 mm nominal bore.	metre	100.00	280.10	28010.00
2	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 25 mm nominal bore.	metre	25.00	156.85	3921.25
3	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 15 mm nominal bore.	metre	5.00	94.05	470.25
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	5.00	423.20	2116.00
5	Providing and fixing brass bib cock 15 mm nominal bore of approved quality.	each	5.00	191.70	958.50
6	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	0.35	2007.00	702.45

7	Dry brick on edge flooring in required pattern with bricks of class designation 50 on a bed of 12mm mud mortar including filling joints with Jamuna sand (F.P.S. bricks) complete.	sqm	7.43	208.90	1552.12
8	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	12.08	97.90	1182.63
<b>Total (₹)</b>					<b>38,913.20</b>



**Bill of Quantity for the work of “Changing pipe line for pit water from pump house to 20 nos. Sramik Colony at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 50 mm nominal bore.	metre	125.00	280.10	35012.50
2	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 25 mm nominal bore.	metre	50.00	156.85	7842.50
3	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 15 mm nominal bore.	metre	5.00	94.05	470.25
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	5.00	423.20	2116.00
5	Providing and fixing brass bib cock 15 mm nominal bore of approved quality.	each	5.00	191.70	958.50
6	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	0.35	2007.00	702.45

7	Dry brick on edge flooring in required pattern with bricks of class designation 50 on a bed of 12mm mud mortar including filling joints with Jamuna sand (F.P.S. bricks) complete.	sqm	7.43	208.90	1552.12
8	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	12.08	97.90	1182.63
<b>Total (₹)</b>					<b>49,836.95</b>

**Bill of Quantity for the work of “Roof repairing by bitumen paint of office building & store of Basdeopur Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Painting top of roofs with bitumen of approved quality @ 17kg per 10sqm impregnated with a coat of coarse sand @ 60 cubic decimeter per 10sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete: with residual type petroleum bitumen of penetration 80/100.	sqm	707.00	63.00	44541.00
Total (₹)					<b>44,541.00</b>

**Bill of Quantity for the work of “Repair/maintenance of colliery office  
Basdeopur 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	300.00	4.10	1230.00
2	Distempering with oil bound distemper of approved brand and manufacture to give an even shade: Old work (one or more coats).	sqm	498.00	14.90	7420.20
3	Finishing wall with water proofing cement paint of required shade: New work (Two or more coats applied @ 3.84 kg / 10 sqm).	sqm	940.00	30.80	28952.00
4	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	300.00	4.25	1275.00
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	270.00	22.85	6169.50
6	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	30.00	67.65	2029.50
7	Providing wood work in frames of doors, windows,	cum	0.06	30511.90	1830.71

	clearstory windows and other frames wrought framed and fixed in position :Sal wood.				
8	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	1.71	810.90	1386.63
9	Renewing glass panes with putty and nails wherever necessary: Float glass panes of thickness 4 mm.	sqm	5.00	427.60	2138.00
10	Providing and fixing ply wood 4mm thick one side decorative veneer conforming to IS:1328 (type I) for plain lining / cladding with necessary screws etc. and priming coat on unexposed surface complete.	sqm	7.50	577.40	4330.50
11	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
<b>Total (₹)</b>					<b>58,900.00</b>

**Bill of Quantity for the work of “W/w, c/w, distempering, paiting and misc. work in the bungalow (newly allotted) to Dr. Satmarain Sharma (ENT DEPT) at R.H. Loyabad.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Distempering with oil bound distemper of approved brand and manufacture to give an even shade: Old work (one or more coats).	sqm	311.00	14.90	4633.90
2	Applying one coat of cement primer of approved brand and manufacture on wall surface: Cement primer.	sqm	207.00	17.20	3560.40
3	White washing with lime to give an even shade: Old work (two or more coats).	sqm	327.55	4.10	1342.95
4	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	150.00	67.65	10147.50
5	6mm cement plaster of mix 1:3 (1cement : 3 fine sand).	sqm	30.00	62.15	1864.50
6	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	646.50	3.85	2489.02
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	169.50	22.85	3873.07
8	Providing hoisting and fixing up to floor five level pre-cast reinforced cement concrete work in string courses, bands,	cum	0.69	4882.25	3368.75

	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).				
9	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	56.00	42.70	2391.20
10	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: 35mm thick including ISI marked stainless steel butt hinges with necessary screws.	sqm	1.67	929.95	1553.01
11	Providing wood work in frames of doors, windows, clearstory windows and	cum	0.037	30511.90	1128.94

	other frames wrought framed and fixed in position :Sal wood.				
12	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 30x10x15 cm 1:3:6 mix (1cement : 3coarse sand : 6graded stone aggregate 20 mm nominal size).	each	6.00	61.50	369.00
13	Providing and fixing ISI marked copper oxidised M.S. sliding bolts with nuts and screws complete: 250 x 16 mm.	each	1.00	69.65	69.65
14	Providing and fixing ISI marked copper oxidised M.S. tower bolt black finish (barrel type) with necessary screws complete : 200 x 10 mm.	each	2.00	28.60	57.20
15	Providing and fixing ISI marked copper oxidised MS handles conforming to IS:4992 with necessary screws etc. complete: 125mm.	each	2.00	10.20	20.40
16	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)	each	1.00	354.45	354.45



	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.				
17	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	311.00	4.25	1321.75
18	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	450.00	3.20	1440.00
19	Kitchen sink without drain board: 470x420 mm bowl depth 178 mm.	each	1.00	2161.55	2161.55
20	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm dia. C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White Vitreous China Wash basin size	each	2.00	1176.10	2352.20

	500x400 mm with a pair of 15mm C.P. brass pillar taps.				
21	Providing and fixing white vitreous china pedestal type water closet (European type WC pan) with seat and lid, 10 lts. low level white vitreous china flushing cistern & CP flush bend with fittings & CI brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required: WC pan with ISI marked black solid plastic seat and lid.	each	1.00	3253.95	3253.95
<b>Total (₹)</b>					<b>47,753.41</b>

**Bill of Quantity for the work of “Repairing maintenance qtr. no.64,  
181 & 174 from fire area to “O” seam at Tetulmari 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	420.00	4.10	1722.00
2	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	210.00	3.85	808.50
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	105.00	22.85	2399.25
4	25mm thick p.s. flooring (1:2:4)	sqm	15.00	102.85	1542.75
5	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	98.00	97.90	9594.20
6	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	90.00	67.65	6088.50
7	18mm cement plaster in two coats under layer 12mm thick cement plaster 1:5 (1cement : 5coarse sand) finished with a top layer of 6mm thick cement plaster 1:6 (1cement : 6fine sand ).	sqm	30.00	111.15	3334.50
8	Dismantling old plaster or skirting including raking out the joints and cleaning the surface for plaster and	sqm	260.00	8.20	2132.00

	disposal of rubbish to the dumping ground within 50 metres lead.				
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 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	2.00	544.15	1088.30
11	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
12	RCC slab.	cum	0.46	3353.60	1542.60
13	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position complete: Cold twisted bars.	kg	27.00	42.70	1152.90
14	Providing wood work in frames of doors, windows, clearstory windows and other frames wrought framed and fixed in position :Sal wood.	cum	0.13	30511.70	3966.52

15	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 veneers on both faces of shutters: 30mm thick including ISI marked stainless steel butt hinges with necessary screws.	sqm	5.72	904.40	5173.16
<b>Total (₹)</b>					<b>43,621.38</b>

**Bill of Quantity for the work of “Repairing maintenance of dispensary building at Nichitpur Township.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Distempering with oil bound distemper of approved brand and manufacture to give an even shade: Old work (one or more coats).	sqm	216.00	14.90	3218.40
2	White washing with lime to give an even shade: Old work (two or more coats).	sqm	1905.00	4.10	7810.50
3	Colour washing such as green blue or buff to give an even shade: New work (two or more coats) with a base coat of whiting.	sqm	1782.00	9.10	16216.20
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	184.00	22.85	4204.40
5	Providing wood work in frames of doors, windows, clearstory windows and other frames wrought framed and fixed in position :Sal wood.	cum	0.23	30511.95	7017.74
6	Providing and fixing ISI marked flush door shutters conforming to IS::2202 (Part I) decorative type, core of	sqm	12.25	1473.50	18050.37

	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 veneers on both faces of shutters: 35mm thick including ISI marked stainless steel butt hinges with necessary screws.				
7	Providing and fixing ISI marked copper oxidised M.S. sliding bolts with nuts and screws complete: 300 x 16 mm.	each	6.00	79.60	477.60
8	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete: 150x10mm.	each	6.00	97.90	587.40
9	Providing and fixing ISI marked copper oxidised MS handles conforming to IS:4992 with necessary screws etc. complete: 125mm.	each	12.00	10.20	122.40
10	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	70.00	67.65	4735.50
11	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	80.00	97.90	7832.00
12	Renewing glass panes with wooden fillets wherever necessary: Float glass panes of	sqm	6.00	616.10	3696.60

	thickness 5.5 mm.				
13	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	3.00	2007.00	6021.00
14	Providing and fixing brass bib cock 15 mm nominal bore of approved quality.	each	6.00	191.70	1150.20
<b>Total (₹)</b>					<b>81,140.31</b>



**Bill of Quantity for the work of “Repair & maintenance of qtr. of  
Swapan Kr Sen at Sijua Colony under Sijua Area.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Demolishing brick work manually / by mechanical means including stacking of serviceable materials and disposal of unserviceable materials within 50 metre lead as per direction of Engineer-in-charge. In cement mortar.	cum	0.84	310.75	261.03
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	2.36	2137.96	5045.58
3	Providing and fixing 1mm thick M.S. sheet garage door with frames of 40x40x6mm angle iron, 3mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of approved steel primer: Using M.S. flats 30x6mm for diagonals and central cross place.	sqm	4.22	1600.10	6752.42

4	Providing and fixing 1mm thick M.S. sheet garage window with frames of 40x40x6mm angle iron, 3mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of approved steel primer: Using M.S. flats 30x6mm for diagonals and central cross place.	sqm	4.04	1600.10	6464.40
5	Providing and fixing A.C. sheet roofing.	sqm	11.70	158.35	1852.69
6	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	18.00	67.65	1217.70
7	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	12.00	97.90	1174.80
8	Providing mosquito net frame.	cum	0.22	30511.95	6712.63
9	Mosquito net.	sqm	8.92	440.00	3924.80
10	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	8.00	8.20	65.60
11	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

12	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	68.00	22.85	1553.80
13	White washing with lime to give an even shade: Old work (two or more coats).	sqm	180.00	4.10	738.00
<b>Total (₹)</b>					<b>37,923.15</b>

**Bill of Quantity for the work of “Roof repairing, renewing glass in the  
CHP at Bansjora under Sijua Area.”**

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	7.12	3314.95	23602.44
2	Painting top of roofs with bitumen of approved quality @ 17kg per 10sqm impregnated with a coat of coarse sand @ 60 cubic decimeter per 10sqm including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete: with residual type petroleum bitumen of penetration 80/100.	sqm	187.00	63.00	11781.00
3	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 the	per litre	500.00	5.25	2625.00

	tank.				
4	Renewing glass panes with putty and nails wherever necessary: Float glass panes of thickness 4 mm.	sqm	0.65	427.60	277.94
5	Cleaning roof for smooth roof labour.	each	6.00	135.25	811.50
<b>Total (₹)</b>					<b>39,097.88</b>

**Bill of Quantity for the work of “Repairing of damaged septic tank at ‘B’ type & arch type colony under Sijua Area-8 units.”**

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	11.95	2007.00	23983.65
2	Cleaning of septic tank.	each	15.00	400.00	6000.00
3	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	61.33	97.90	6004.20
4	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	3.78	3673.85	13887.15
5	Reinforcement for RCC work including straightening, cutting, bending, binding and placing in position	kg	264.60	42.70	11298.42

	complete: Cold twisted bars.				
6	Providing and fixing on wall face unplasticized rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion: Single socketed pipes: 100 mm diameter.	metre	8.00	163.40	1307.20
7	Providing and fixing on wall face unplasticized rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion: Single socketed pipes: 75mm diameter.	metre	16.00	95.00	1520.00
<b>Total (₹)</b>					<b>64,000.62</b>

**Bill of Quantity for the work of “Roof repairing with PCC in B type colony (5 Block) at Sijua Area.”**

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	19.60	3314.95	64973.02
2	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	300.00	8.20	2460.00
<b>Total (₹)</b>					<b>67,433.02</b>



**Bill of Quantity for the work of “Heightening & repairing of boundary wall of B type colony Sijua Area.”**

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	18.61	2137.96	39787.43
2	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	325.56	67.65	22024.13
3	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	325.56	9.30	3027.70
<b>Total (₹)</b>					<b>64,839.26</b>

**Bill of Quantity for the work of “Repair & maintenance bungalow of Sri S.R.Mahto (Engg Excavation)8 bungalow under Sijua Area.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Distempering with oil bound distemper of approved brand and manufacture to give an even shade: Old work (one or more coats).	sqm	459.81	14.90	6851.16
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	239.28	22.85	5467.54
3	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	60.00	67.65	4059.00
4	25mm thick p.s. flooring (1:2:4)	sqm	30.00	102.83	3084.90
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	2137.96	2137.96
6	Grading roof for water proofing treatment with: Cement concrete 1:2:4 (1cement : 2coarse sand : 4graded stone aggregate 20 mm nominal size)	cum	5.10	3314.95	16906.24
7	Colour washing such as	sqm	180.00	6.10	1098.00

	green blue or buff to give an even shade: New work (two or more coats) with a base coat of whiting.				
8	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	430.00	3.75	1612.50
9	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	459.00	4.20	1927.80
10	Cistern	each	2.00	535.60	1071.20
11	Providing and fixing white vitreous china water closet squatting pan (Indian type): Long pan pattern W.C. pan of size 580mm.	each	1.00	534.60	534.60
12	Providing and fixing PTMT pillar cock of approved quality and colour: 15 mm nominal bore, 107 mm long, weighing not less than 110 gms.	each	3.00	185.25	555.75
13	PVC bib cock.	each	4.00	85.00	340.00
14	Providing and fixing G.I. pipes complete with G.I. fittings and clamps including cutting and making the walls etc. Internal work - Exposed on wall: 25 mm nominal	metre	24.00	179.85	4316.40

	bore.				
15	Providing and fixing G.I. pipes complete with G.I. fittings and clamps including cutting and making the walls etc. Internal work - Exposed on wall: 20 mm nominal bore.	metre	20.00	128.85	2577.00
16	Providing and fixing G.I. pipes complete with G.I. fittings and clamps including cutting and making the walls etc. Internal work - Exposed on wall: 10 mm nominal bore.	metre	15.00	106.17	1592.55
17	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	2.00	107.25	214.50
18	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work): 20mm nominal bore.	each	2.00	96.80	193.60
19	Providing and fixing G.I. union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work): 15mm nominal bore.	each	3.00	75.90	227.70
20	Making connection of G.I. distribution branch with G.I. main of	each	3.00	166.05	498.15

	following sizes by providing and fixing tee, including cutting and threading the pipe, etc. complete: 25 to 40 mm nominal bore.				
21	Whele valve.	each	4.00	260.00	1040.00
22	Repair of door + window.	each	4.00	625.00	2500.00
<b>Total (₹)</b>					<b>58,806.55</b>

**Bill of Quantity for the work of “Thorough repair & maintenance of  
outside two block (24 units) block no.709 to 720, 829 to 840 at  
Nichitipur Township.”**

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	750.00	67.65	50737.50
2	25mm thick p.s. flooring (1:2:4)	sqm	45.00	102.83	4627.35
3	6mm cement plaster of mix 1:3 (1cement : 3 fine sand).	sqm	40.00	62.15	2486.00
4	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	85.00	97.90	8321.50
5	Half brick masonry with FPS bricks of class designation 75 in foundation and plinth in cement mortar 1:4 (1cement : 4coarse sand).	sqm	32.00	270.35	8651.20
6	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	160.00	8.20	1312.00
7	White washing with lime to give an even shade: Old work (two or more coats).	sqm	512.00	4.10	2033.20

8	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	2100.00	3.75	7875.00
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	345.00	22.85	7883.25
<b>Total (₹)</b>					<b>93,927.07</b>

**Bill of Quantity for the work of “Thorough repair of outside two block  
(24 units) block no.733 to 744, 721 to 732 at Nichitipur Township.”**

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	780.00	67.65	52767.00
2	25mm thick p.s. flooring (1:2:4)	sqm	50.00	102.83	5141.50
3	6mm cement plaster of mix 1:3 (1cement : 3 fine sand).	sqm	30.00	62.15	1864.50
4	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	90.00	97.90	8811.00
5	Half brick masonry with FPS bricks of class designation 75 in foundation and plinth in cement mortar 1:4 (1cement : 4coarse sand).	sqm	30.00	270.35	8110.50
6	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	210.00	8.20	1722.00
7	White washing with lime to give an even shade: Old work (two or more coats).	sqm	510.00	4.10	2091.00



8	Colour washing with lime to give an even shade: Old work (two or more coats).	sqm	2100.00	3.75	7875.00
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	350.00	22.85	7997.50
<b>Total (₹)</b>					<b>96,379.00</b>

**Bill of Quantity for the work of “Renovation of damaged boundary wall around AGM bungalow front (road side) under Sijua Area (Bungalow no. SA/E-17).”**

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 over areas (exceeding 30 cm in depth, 1.5 sqm in width as well as 10 sqm on plan) including disposal of excavated earth lead up to 50 m and lift up to 1.5 m disposed earth to be leveled and neatly dressed. (All kinds of soils).	cum	9.28	101.85	945.16
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 : 4 fine sand : 8graded stone aggregates 40 mm nominal size).	cum	1.52	2296.15	3490.14
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	12.73	2137.96	27216.23

4	Brick work with FPS bricks in foundation and plinth .	cum	6.79	2296.15	15590.85
5	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	106.69	67.65	7217.57
6	Colour washing such as green blue or buff to give an even shade: New work (two or more coats) with a base coat of whiting.	sqm	106.69	9.10	970.87
<b>Total (₹)</b>					<b>55,430.82</b>