

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

Ref. No : GM/SA/Civil/1812/2011

Dated : 30/31.05.2011

**OPEN TENDER NOTICE**

Sealed tenders on percentage basis in two bids system (Tech./Com.Bid and Price Bid) are hereby invited from bonafide, experience resourceful and registered contractors for the following works :-

Sl. No.	Name of work & Location	Estimated Cost (in Rs.)	Earnest Money (in Rs.)	Cost of Tender paper (in Rs.)	Time of Completion
1.	Damaged pipe changing and cleaning pit water from Loybad Hatia to Regional Store at Loyabad.	37,106.95	371.00	100.00	One Month
2.	Cleaning and changing damaged PVC pipe in 12 no. colony different places at Bansjora Colliery.	31,938.39	319.00	100.00	One Month
3.	Dismantling of G.I. pit water pipe line at Kankanee 10 no. colony at Sijua Area.	53,094.00	531.00	100.00	One Month
4.	Changing damaged main and branch pipe line from 4 pit saira to 6 no. colony at Sendra Basnjora Colliery.	48,061.84	481.00	100.00	One Month
5.	Renovation of pit water pipe line from 3 no. sump room to Ambedkar colony (sweeper colony) at R.H. Loyabad.	49,929.90	499.00	100.00	One Month
6.	Laying pit water pipe line from water reservoir to 5 no. Muslim tola at Loyabad Colliery.	38,434.03	384.00	100.00	One Month
7.	Repairing of 7 nos. hand pump opening & lowering with pipe for bore hole at Tetulmari Township.	47,882.85	479.00	100.00	One Month
8.	Lifting and lowering summersible motor pump at Nichitpur Township.	57,554.40	576.00	100.00	One Month

9.	PCC flooring at workshop of Mudidih Colliery.	60,171.02	602.00	100.00	One Month
10.	Drain cleaning ash cleaning at P.N.Section under Nichitpur Colliery.	41,533.14	415.00	100.00	One Month
11.	Renovation of collapsed boundary wall and cleaning of jungle in the scrap yard at R/store Loyabad under Sijua Area.	89,286.97	893.00	100.00	One Month
12.	Repair of drain at back side D & A type of rehabilitation site at PST 2 Tetulmari.	48,919.68	489.00	100.00	One Month
13.	P/Fixing PVC pipe line in the shifted qtr. from fire jone to O seam Tetulmari.	48,782.09	488.00	100.00	One Month

**Availability of tender documents from : 09.06.2011 to 14.06.2011**

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://bccl.cmpdi.co.in> and can be downloaded.

**Time and date of receipt/opening of tender –**

- a) The tenders will be received on **17.06.2011** 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, Angarpathra, Katras Area.
  - iv) Office of the Dy. Commandant CISF Camp, Kusunda Area Office.
- b) The tender received will be opened on **21.06.2011** at 4:00 P.M. in the Office of Addl. General Manager, Sijua Area.

**1. ELIGIBILITY CRITERIA :**

- a) The intending tenderers must have in the name, experience and having successfully completed similar works during last (Seven) years ending, last day of month previous to the one in which Bid Application are invited (i.e. from 01.05.2004 to 30.04.2011) 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.

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OR

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

**N.B : Similar nature means : Pipe line work for sl. No.1 to 5 & 13, pipe line with bricks work for sl.no.6, Rep. maint of bore hole / handpump or new work of bore hole or handpump with pipe line work for sl.no.7, rep/maint. New work of summersible pump motor with pipe line for sl.no.8, flooring with pcc for sl.no.9, cleaning of drain and ash/garbage for sl.no.10, work including brick work, pcc and plaster work for sl.no.11, work including brick work & concrete work for sl.no.12.**

- b) Average annual financial turn over of civil works during last three years ending 31<sup>st</sup> March of the previous financial year(i.e. for 2008-09, 2009-10 & 2010-11) should be at least 30% of the estimated cost. (To be submitted TDS Form-16).

The intending tenderer must submit documentary evidence in support of 1(a) & 1(b) above in the form of certified copy of work order, completion certificate, payment certificates/ 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 work “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.

2. 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 receipt, cash to deposited with Cashier, Sijua Area or Bank Draft of Nationalized bank /scheduled commercial Bank approved by Reserve Bank of India in favour of Bharat Coking Coal Ltd., payable at Dhanbad.
3. 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 or downloaded from website 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 receipt, cash to deposited with Cashier, Sijua Area Office or bank draft of Nationalized bank/ scheduled commercial bank approved by Reserve Bank of India in favour of Bharat Coking Coal Ltd.,payable at Dhanbad.)

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The bid shall be submitted in three separate envelopes.

**Envelope-I** should contain E.M.D. and the cost of tender document if downloaded from the website.

**Envelope-II** should contain Part-I of Tender Document

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

**Thereafter, all the three envelopes should be submitted in one sealed envelope.**

The tender will be received on **17.06.2011** 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, Angarpathra, Katras Area.
- iv) Office of the Dy. Commandant CISF Camp, Kusunda Area Office.

and will be opened on **21.06.2011** in presence of the intending tenderer or their authorized representative 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 EMD and in case of downloaded tender, the cost of tender document too.

**The Part-II** of only those tenderer will be opened 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.
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 tenderer has been 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.
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.

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12. Other details may be obtained from detailed tender notice/tender documents available in the 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 Nationalized / 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. Bank Draft prepared after the scheduled closure of sale of Tender Documents are liable for rejection.
14. The contents of the Tender Documents as available in our office, shall be deemed as authentic .The bidder will be required to submit an undertaking that they will accept the tender document as available in the web-site 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**

- c.c.to : E.S to E.D.(Vig.), BCCL, Koyla Bhawan.  
c.c.to : G.M. (Civil), Koyla Bhawan  
c.c.to : G.M. (Welfare), Koyla Bhawan  
c.c.to : GM (System), BCCL – 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.
- c.c.to : G.M., Sijua Area.  
c.c.to : A.G.M., Sijua Area.  
c.c.to : A.F.M., Sijua Area.  
c.c.to : PM(Admn.I/C) Sijua Area.  
c.c.to : All CGM/GMs Area- I to 12, Block-II, E/Jharia & W/Jharia.  
c.c.to : All Project Officers, Sijua Area.  
c.c.to : Civil Tender Notice Board kept at CISF Office, Sijua Area.  
c.c.to : The Secretary, Chhatabad Malkera Adarsh Shramik Sahyog Samiti,  
5, Chhatabad, Katras, Dhanbad.  
c.c.to : Inspector I/c, CISF, Koyla Bhawan.  
c.c.to : Asst. Commandant CISF, Sijua Area / CISF Camp, Angarpathra, Katras Area / Dy.  
Commandant CISF Camp, Kusunda Area Office.  
c.c.to : Builders Association of India, Central Akashkinaree Kanta, Katras Garh, Dhanbad-  
828113  
c.c.to : Builder Association of India, 316 LIG Housing Colony, Dhanbad.

**BHARAT COKING COAL LIMITED**  
**(A Subsidiary of Coal India Ltd.)**  
**SIJUA AREA V**

1. Name of Work :

2. Name of Agency :

3. Cost of tender paper :

4. Date of Earnest Money :

Signature of the Tenderer

Area Civil Engineer  
Sijua Area

**BHARAT COKING COAL LIMITED**  
**(A Subsidiary of Coal India Ltd.)**  
**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 or Limited Company.
- 3) Postal address of the company proprietor together with their telephone No./Mobile No. etc.
- 4) In respect of partnership, limited company, the name of other partners/directors, together with their address
- 5) List of other firm/partnerships doing the business in BCCL where in the above firm/partners/directors are concerned with.
- 6) Whether proprietors/partners/directors are connected with any employees working in BCCL, if so the details of the employee designation and place of posting.
- 7) Any contract being carried on in BCCL, by the above firm/proprietor /partnership / limited company in his own name and if so, the details of the contract being executed.
- 8) Details of the Sales Tax registration No. if any and Income Tax/PAN No.
- 9) Whether the proprietor/partnership firm/ company as a Income-Tax assessee and if so, the year upto which the last assessment has been made (Income-Tax clearance certificate/ Xerox copy of Pan Card No. should be enclosed).

This details will form a part of the tender paper.

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

Area Civil Engineer  
Sijua Area

Signature of the Tenderer

**Bill of Quantity for the work of “Damaged pipe changing and cleaning pit water from Loybad Hatia to Regional Store at Loyabad.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in ₹)
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	274.00	24.90	6822.60
2	P/F/F PVC pipe 1" dia	metre	122.00	179.85	21941.70
3	Labour charge relaying old pipe 1" dia	metre	152.00	31.50	4788.00
4	Cleaning old pipe 1" dia labour	each	10.00	135.25	1352.50
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	10.00	107.25	1072.50
6	Old pipe submitted from site to store	each	5.00	135.25	676.25
7	Providing and fixing brass bib cock 15 mm nominal bore of approved quality.	each	2.00	191.70	383.40
8	P/F/F reducer	each	2.00	35.00	70.00
				Total (₹)	37,106.95



**Bill of Quantity for the work of “Cleaning and changing damaged PVC pipe in 12 no. colony different places at Bansjora Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in ₹)
1	P/F/F PVC pipe 15mm	metre	35.00	100.17	3505.95
2	P/F/F PVC pipe 50mm	metre	29.00	380.53	11035.37
3	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	29.05	4415.60
4	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.	each	59.00	29.05	1713.95
5	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 nominal bore.	metre	35.00	24.90	871.50

6	Labour charge relaying 25mm pipe	metre	152.00	35.86	5450.72
7	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: 25 to 40 mm nominal bore.	each	18.00	166.05	2988.90
8	P/F/F flanza 50mm	pair	4.00	200.00	800.00
9	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end): 50 mm nominal bore.	each	2.00	578.20	1156.40
				Total (₹)	<b>31,938.39</b>

**Bill of Quantity for the work of “Dismantling of G.I. pit water pipe  
line at Kankanee 10 no. colony at Sijua Area.”**

Sl. No.	Particulars of the work	Unit of Qty.	Quantity	Rate	Amount (in Rs.)
1	Dismantling 50mm dia G.I. pipe.	No.	350.00	39.05	13667.50
2	Laying 50mm dia G.I. pipe etc. all	No.	350.00	54.45	19057.50
3	P/F/F 50mm dia PVC pipe	Mtr	42.00	365.00	15330.00
4	P/F/F 50mm dia G.I. union socket.	No.	18.00	280.00	5040.00
				Total (Rs.)	<b>53,094.00</b>

**Bill of Quantity for the work of “Changing damaged main and branch pipe line from 4 pit saira to 6 no. colony at Sendra Basnjora Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in ₹)
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	104.00	29.05	3021.20
2	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	110.00	24.90	2739.00
3	Providing and laying 4" dia G.I. pipe	metre	36.58	315.65	11546.47
4	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 80 mm nominal bore.	metre	6.09	458.15	2790.13
5	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 50 mm nominal bore.	metre	24.39	280.10	6831.63

6	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 25 mm nominal bore.	metre	89.00	156.85	13959.65
7	Cleaning 4" dia pipe labour	each	10.00	135.25	1352.50
8a)	Labour charge relaying old pipe - fitter	each	10.00	151.50	1515.00
b)	labour	each	10.00	135.25	1352.50
9	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	0.17	3257.45	553.76
10	P/F/F flange 4" dia.	each	6.00	400.00	2400.00
				Total (₹)	<b>48,061.84</b>

**Bill of Quantity for the work of “Renovation of pit water pipe line from 3 no. sump room to Ambedkar Colony (sweeper colony) at R.H. 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: Above 40 mm nominal bore.	metre	250.00	29.05	7262.50
2	P/F/F 50mm dia PVC pipe.	Mtr	100	311.11	31111.00
3	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: 50 mm nominal bore.	each	10.00	335.50	3355.00
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 gun metal gate valve with C.I. wheel of approved quality (screwed end): 50 mm nominal bore.	each	1.00	578.20	578.20
6	Labour charge for relaying of 50mm dia G.I. pipe.	Mtr	150	48.00	7200.00
				<b>Total (₹)</b>	<b>49,929.90</b>

**Bill of Quantity for the work of “Laying pit water pipe line from water reservoir to 5 no. Muslim tola at Loyabad Colliery.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Providing & laying 50mm PVC pipe	metre	91.50	380.53	34818.49
2	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
3	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work: 15 mm nominal bore.	metre	3.00	94.05	282.15
4	Providing and fixing brass bib cock 15 mm nominal bore of approved quality.	each	3.00	191.70	575.10
5	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	0.21	2007.00	421.47
6	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	4.46	208.90	931.69
7	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	10.03	97.90	981.93
				<b>Total (₹)</b>	<b>38,434.03</b>

**Bill of Quantity for the work of “Repairing of 7 nos. hand pump  
opening & lowering with pipe for bore hole at Tetulmari  
Township.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	P/F/F 14” dia PVC pipe etc. all complete.	Mtr	41.00	262.85	10776.85
2	P/F/F G.I. rode Q.V.	Mtr	45.00	95.00	4275.00
3	P/F/F washer.	No.	34.00	10.00	340.00
4	P/F/F chain	No.	6.00	62.00	372.00
5	P/F/F bearing	No.	7.00	95.00	665.00
6	Providing cylinder.	No.	7.00	640.00	4480.00
7	P/F/F nutt bolt.	Kg	24.00	38.00	912.00
8	P/F/F handle	No.	2.00	300.00	600.00
9	P/F/F head	No.	2.00	940.00	1880.00
10	Labour charge for dismantling & refitting.	No.	7.00	450.00	3150.00
11	P/F/F union socket	No.	2.00	235.60	471.20
12	G.I pipe opening from bore hole.	No.	2.00	4500.00	9000.00
13	Lowering of pump.	No.	2.00	4000.00	8000.00
14	P/F/F 1¼” dia G.I. socket.	No.	15.00	62.00	930.00
15	50mm gate valve	No.	3.00	487.00	1461.00
16	50 mm G.I. nipple	No.	6.00	95.00	570.00
				Total (Rs.)	<b>47,882.85</b>



**Bill of Quantity for the work of “Lifting & lowering immersible motor pump at Nichitpur Township.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Lowering of immersible pump.	No.	1.00	4500.00	4500.00
2	Lifting of immersible pump.	No.	1.00	4000.00	4000.00
3	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer-in-charge: External work: 50 mm nominal outer dia pipes.	Mtr	78.00	398.65	31094.70
4	P/F/F CPVC 50mm dia socket	No.	26.00	295.00	7670.70
5	P/F/F R/socket 2"x3"	No.	1.00	180.00	180.00
6	Hole tiet.	Kg	0.50	360.00	180.00
7	P/F/F flexible wire refe	Mtr	85.00	65.00	5525.00
8	P/F/F wire rope clamp	No.	8.00	28.00	224.00
9	P/F.F 80mm dia flange.	Pair	2.00	265.00	530.00
10	P/F.F 50mm dia clamp.	No.	1.00	150.00	150.00
11	CI dropto 2" long crane.	No.	2.00	1750.00	3500.00
				Total (Rs.)	<b>57,554.40</b>

**Bill of Quantity for the work of “PCC flooring at workshop of  
Mudidih 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	24.94	103.40	2578.79
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	12.47	2449.00	30539.03
3	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	8.31	3257.45	27053.19
				Total (Rs.)	60,171.02

**Bill of Quantity for the work of “Drain cleaning ash cleaning at  
P.N.Section under Nichitpur Colliery.”**

Sl. No.	Particulars of the work	Unit of Qty.	Quantity	Rate	Amount (in Rs.)
1	Drain cleaning	cum	316.63	64.16	20315.04
2	Ash cleaning with transporting upto 1 km.	cum	186.81	113.58	21217.87
				Total (Rs.)	41,533.14

**Bill of Quantity for the work of “Renovation of collapsed boundary wall and cleaning of jungle in the scrap yard at R/store Loyabad under Sijua Area.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	C/B/W in superstructure (1:6)	cum	26.97	14.55	62423.41
2	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	sqm	238.00	67.65	16100.70
3	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	0.41	3257.45	1335.55
4	Fencing with RCC post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire 9.38 kg per 100 metre (min) between the two posts fitted and fixed with GIstaples of wooden plugs or GI binding wire tied to 6mm bar nibs fixed while casting the post (cost of RCC posts, struts, earth work and concrete to be paid for	metre	336.00	5.85	1965.60

	separately): Payment to be made per metre cost of total length of barbed wire used: With GI barbed wire.				
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	220.00	9.30	2046.00
6	Cleaning jungle including uprooting rank vegetation, grass, brush wood trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	100 sqm	2090.00	263.90	5515.51
7	Engagement of labour for cleaning working site and scrap.	each	20.00	135.25	2705.00
8	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50m (stacks of cleaned bricks shall be measured): From brick work in cement mortar.	1000 nos.	4000.00	998.80	3995.20
					96,086.97
	Deduction of old bricks to be used 4000@1700%				(-)6,800.00
				Total (Rs.)	89,286.97

**Bill of Quantity for the work of “Repair of drain at back side D & A  
type of rehabilitation site at PST 2 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	50.94	103.40	5267.19
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	3.85	2449.00	9428.65
3	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	cum	10.82	2007.00	21715.74
4	12mm cement plaster finished with a floating coat of neat cement of mix: 1:4 (1cement : 4fine sand).	sqm	55.80	97.90	5462.82

5	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	14.00	192.95	2701.30
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 40 mm nominal size).	cum	1.36	3194.10	4343.98
				Total (Rs.)	48,919.68

**Bill of Quantity for the work of “P/Fixing PVC pipe line in the shifted qtr. from fire jone to O seam Tetulmari.”**

Sl. No.	Particulars of the work	Unit of Qnty.	Quantity	Rate	Amount (in Rs.)
1	Supply PVC pipe	metre	280.00	99.00	27720.00
		metre	60.00	37.00	2220.00
		metre	130.00	50.00	6500.00
					36440.01
2	P/F/F shocket (material) add 15% C.P.				5446.00
3	Earth cutting	cum	50.25	103.40	5195.85
4	Providing and fixing ball valve (brass) of approved quality, high or low pressure with plastic floats: 15 mm nominal bore.	each	4.00	228.35	913.44
5	Providing and fixing brass bib cock 15 mm nominal bore of approved quality.	each	4.00	191.70	766.80
				Total (Rs.)	48,782.09