CENTRAL COALFIELDS LIMITED

A Miniratna Cat-I Company

OFFICE OF THE GENERAL MANAGER

BARKA – SAYAL AREA

QUOTATION DOCUMENT

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CENTRAL COALFIELDS LIMITED
A Miniratna Cat-I Company
OFFICE OF THE GENERAL MANAGER
BARKA – SAYAL AREA

Ref. No.: GM (B-S) / Quotation / Civil / 18-19 / 7346 Dated: 09.02.2019

NOTICE INVITING QUOTATION

QUOTATION NOTICE NO: - 26 of 2018-19

1. Sealed quotation in two parts are invited for the detailed as below:

S. N.	Name of work	Estimated Cost (Rs)	Earnest Money (Rs.)	Period of Completion
1.	Repairing of S/20 qtr. situated at Saunda-D under Sayal-D Project.	Rs.92,127.96	Rs.1,200.00	Twenty days
2.	Repair of boundary wall at Officer colony Filter plant under Urimari Project.	Rs.72,689.20	Rs.1,000.00	Fifteen days
3.	Cleaning of choked drain during monoon at different places of Mine Area under Birsa Project.	Rs.1,44,607.68	Rs.1,900.00	One month
4.	Cleaning of Silt and mud in garland drain around Periphery of Urimari OCP as well as compliance of 91 & 49 Hectare forest land through Urimari Project.	Rs.1,90,102.50	Rs.2,400.00	One month
5.	Plantation on reclaimed land of 49 Hec. Urimari OCP forest condition compliance through Urimari Project. (No. of plants – 1000).	Rs.56,575.60	Rs.800.00	Fifteen days
6.	Plantation inside Urimari Officer colony and along road side of Filer plant up to Damodar River under afforation condition through Urimari Project.	Rs.88,194.20	Rs.1,200.00	Fifteen days

2. Quotation documents including terms and conditions of work may be downloaded from **12.02.2019 to 19.02.2019** up to 5.00 PM on all working days except on Saturday up to 1.00 P.M. to log on CCL website (www.centralcoalfields.in). There is no application fee.
3. Earnest money is to be deposited in shape of Bank Draft and drawn in favour of Central Coalfields Limited Barka-Sayal Area, payable at SBI Saunda (Ramgarh) issued by Nationalized Bank and its date of issuance should be on or after the date of issue of NIQ or in cash to be deposited to cashier GM Office (BS) Barka-Sayal. The earnest money of the unsuccessful bidder shall be refundable as promptly as possible and shall bear no interest. (No Bid will be accepted unless accompanied by requites earnest money deposit as stated above).
4. **Receipt of Bid:** Bids are to be received in sealed covers on dated **20.02.2019 up to 12.30 Noon** in the Office of **Area Security Office, Barka-Sayal Area** at **G.M. Office (BS).** In event of specified date of submission is declared a holiday by employer, the bid will be received up to the appointed time on the next working day.
5. **General Instruction for submission of Bid and opening of Bid:** The Technical Bid (i.e. pre-qualification bid) shall form Part-I of the quotation and shall be put in one envelope super scribing as "Technical Bid", the price bid shall be form Part-II of the quotation & shall be put in another envelope super scribing as "Price Bid" and Cash receipt of "EMD" shall in a third envelope super scribing as "EMD". All these three envelopes shall then be put in a big envelope and all the envelopes shall be sealed dropping the complete envelope in the tender box. The envelope shall clearly contain the name of work, NIQ No. & date and address of the bidder and shall be duly authenticated.
   Opening of Bid: Bid will be opened on **20.02.2019 at 04.00 PM** in the office of **Staff Officer (Civil) Barka-Sayal Area** in presence of intending bidder / representatives.
6. The minimum eligibility criteria for consideration for award of the contract shall include the following:-

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

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

OR

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

OR

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

In all the above cases, while considering the value of completed works, the full value of completed work be considered whether or not the date of commencement is within the said seven years period.

In case the bidder is not a prime contractor but a sub-contractor, the bidder's experience as sub-contractor will be taken into account if the contract in support of qualification is a sub-contract in compliance with the provision of such sub-contract in the original contract awarded to prime contractor.
SIMILAR nature of work shall mean: **"Construction OR maintenance of any building work for Sl. No. (1 to 4 & Any Horticulture work for Sl. No. (5&6)"**

(b) Average annual financial turnover of **CIVIL WORK** during the last 3 (three) years ending 31st March of the previous financial year should be at least 30% of the estimated cost. The intending tenderer must submit documentary evidence in support of 5 (a) & (b) above in the form of certified copy of work order, completion certificate, payment certificates/vouchers indicating the period of work for which the payment has been made.
Financial turn over and cost of completed works of previous works shall be given a weightage of 5% per year (average annual rate of inflation) to bring them at current price level, while evaluating the qualification requirement and bid assessment of the bidders.

7. The validity of quotation shall be 120 days from the date of opening of price bid or revised price bid, if any.
8. Following documents are required to be submitted with credential documents.
   a) Firm registration details / any other document of the firm.
   b) Power of Attorney in the case the tender is signed by an authorized representative of the bidder.
   c) Photocopy of PAN card either of the firm or of the individual as the case may be / PAN.
   d) Credentials of satisfactory performance of contracts completed with full details of clients location of work, cost & time taken for completion during the period.
   e) Turn over certificate from chartered Accountant or audited balance sheet or suitable acceptable documents.
   f) An undertaking as per format enclosed with quotation documents.
   g) Contractor's bid as per enclosed pro-forma.
   h) Authorization of all payment through electronic fund transfer system / RTGS / CBS / Intra Bank transfer as per format enclosed with quotation document.
   i) (i) GST registered Bidder – GST Registration Certificate (i.e. GST Identification Number issued by appropriate authority)
   (ii) GST Unregistered Bidder – A Certificate from a practicing Chartered Accontant having membership number with Institute of Chartered Accountants of India certifying that the bidder is GST unregistered bidder in compliance with the relevant GST rules.
9. All the pages of quotation documents, credentials should be signed by the bidder including cutting / overwriting if any.
10. Other eligibility criteria and details required to be submitted with quotation should be as detailed in credential document.
11. The work shall be executed as per prevailing Civil Engineer Manual & Guideline of Coal India Ltd. & CCL. The contractor shall follow the specification of CPWD / SOR / DR / Govt. of Jharkhand or as stipulated in specification in BOQ.
12. The company reserves the right to reject any or all the tenders without assigning any reasons whatsoever and to split up and distributed the work among more than one bidder.
13. The decision of CCL in awarding the work shall be final and cannot be subject to arbitration.
14. No subletting of work by the contractor is permissible. Subletting of work in piece rated jobs is permissible with the prior approval of the department.
15. Incomplete bid shall be out rightly rejected.
16. All the terms & condition of current Civil Engineering Manual will be applicable.
17. All charges of account of GST or any other applicable taxes, duties or levies on materials obtained for the works from any source (excluding materials supplied by the company) shall be borne by the contractor.

Staff Officer (Civil)
Barka-Sayal Area

Distribution :

1. The G.M. (C), C.C.L. H.Q. Ranchi : for kind information pl.
2. The G.M, Barka-Sayal Area
3. The A.F.M., Barka-Sayal Area
4. The Project Officers, Sayal-D / Urimari / Birsa / Saunda 'D', C-saunda / Bhurkunda
5. The S.O. (M), Barka-Sayal Area
6. The Dy. Manager (F) (C&B)
7. The Area Security Officer, Barka-Sayal Area : with a request to provide security arrangement for proper guard of the tender box to avoid any disturbance.
8. Cashier, G.M Office, Barka-Sayal Area
9. Notice Board

Copy for Confirmation. :- The CVO, Darbhanga House CCL Ranchi

DETAIL OF EARNEST MONEY

I / We hereby submitting Earnest Money of Rs. ……..

Vide DD No. / CR No. ……...… Dated ……..

(Signature of Bidder)

Note :- Demand draft / Cash Receipt as earnest money / bid security should be drawn in favour of Central Coalfield Limited Barka-Sayal Area payable at SBI Saunda (Ramgarh) issued by any Nationalized bank and its date of issuance should be on or after the date of issue of NIQ.

PERFORMA FOR CONTRACTOR'S BID AND ACCEPTANCE OF BID CONDITION

To,
The Staff Officer (Civil)
Barka-Sayal Area
Central Coalfields Limited

Sub : Bid for the work ……..
……

NIQ No. :- ……

Dear Sir,

This has reference to above referred bid, I / We have read and examined the condition of contract, Scope of work, technical specification, BOQ and other documents carefully.

I/We am/are pleased to submit our bid for the above work. I/We hereby unconditionally accept the bid condition and bid documents in its entirety for the above work and agree to abide by and fulfill all terms and conditions and specifications of the contract document as in force & available in the office of the Staff Officer (Civil), Barka-Sayal Area.

I/We here by submit all the documents as required to meet the eligibility criteria as per provision of the bid/notice document.

I/We hereby confirm that this bid complies with the Bid validity. Bid security and other documents as required by the Bidding documents.

If any information furnished by me/us towards eligibility criteria of this bid is found to be incorrect at any time. Penal action as deemed fit may be taken against me/us for which I/We shall have no claim against CIL/Subsidary.

Until a formal agreement is prepared and executed, this bid and your subsequent letter of Acceptance / Work Order shall constitute a binding contract between us and Central Coalfields Limited.

Should this bid be accepted, we agree to furnish performance Security within 28 days of issue of letter of acceptance and commence the work within 10 days of issued of letter of acceptance. In Case of out failure to abide by the said provision Central Coalfields Limited shall without prejudice to any other right or remedy, be at liberty to cancel the letter of acceptance / award and to forfeit the Earnest Money and also debar us from participation in future tenders for a minimum period of 12 months.

Yours faithfully

(Signature of the Bidder with seal & date)

UNDERTAKING

I/We …… proprietor / partner / Legal Attorney / Director / Accredited Representative of M/S …… solemnly declare that:

1. I / We am/are submitting Bid for the work of …… ……. ……... against Bid Notice No. …… dated …… and I/We offer to execute the work in accordance with all the terms, condition and provision of the bid.
2. Myself / our partner / Director don't has / have any relative as employee of …… …… Central Coalfields Limited.
3. All information furnished by us in respect of fulfillment of eligibility criteria and qualification information of this Bid is complete, correct and true.
4. All copy of documents, credentials and documents submitted along with this Bid are genuine, authentic, true and valid.
5. I/We hereby authorize department to seek references / clarification from our Bankers.
6. We hereby undertake, confirm that we shall register and obtain license from the competent authority under the contract labour (Regulation & Abolition Act) as relevant, if applicable.
7. I/We hereby confirm that we have registration with CMPF / EPF Authorities; We shall make necessary payment as required under law.
   Or
   I/We hereby undertake that we shall take appropriate steps for registration as relevant under CMPF / EPF authorities, if applicable. We shall make necessary payments as required under law.
8. None of the partner of firm has individually or collectively been involved in any criminal offence.
   Delete whichever is not applicable
9. I/We have not been banned or delisted by any Govt. or Quasi Govt. Agencies of PSUs..
   Delete whichever is not applicable.
10. If any information and document submitted is found to be false / incorrect at any time, department may cancel my / our Bid and action as deemed fit may be taken against me /us, including termination of the contract, forfeiture of all dues including Earnest Money and banning / delisting of our firm etc.
11. I/We hereby declare that there is no condition has been given in price bid (Part-II).

(Signature of the Bidder with seal & date)

MANDATE FORM FOR ELECTRONIC FUND TRANSFER / INTERNET BANKING PAYMENT

1. Name of the Bidder ……..

2. Address of the Bidder ……..

   ……..
   City ……. PIN Code ……
   E-mail ID …….
   Permanent Account Number ……

3. Particular of Bank :

Bank Name		Branch Name	
Branch Place		Branch City	
PIN Code		Branch Code	
MICR No.			
(Digital Code number appearing on the MICR Band of the cheque supplied by the bank. Please attach Xerox copy of a cheque of your Bank for ensuring accuracy of the Bank Name, Branch Name and Code number.			
RTGS Code			
Account Type	Saving	Current	Cash Credit
Account Number (as appearing in the Cheque Book.			

4. Date from which the mandate should be effective.

I hereby declare that the particulars given above are correct and complete. If any transaction is delayed or not effected fro reason of incomplete or incorrect information. I shall not hold company responsible. I also undertake to advise any change in the particular of my account to facilitate updation of records for purpose of credit of amount through SBI Net / RTGS transfer / NEFT. I agree to discharge responsibility expected of me as a participant under the scheme. Any bank charges levied by the bank for such e-transfer shall be borne by us.

Place:

Date Signature of Party / Authorized Signatory

…….

Certified that particulars finished above are correct as per our records.

Banker's Stamp
Date

(Signature of the Authorized official from the Bank)

PART-I OF TENDER

QUOTATION DOCUMENT ISSUE DETAILS

Name of work : ……

……..

……..

NIQ No.: ……..... of 2018-19

Vide Ref. No. : …… Dated ……

ISSUED TO / SUBMITTED

Name of Bidder : ……

Postal Address : ……..

…….

Mobile No. : ……. E-mail ID ……..……..

UNDERTAKING: - to be stated by the contractor.

I/We have read and understand the NIQ, Prevailing contractual forms, terms and condition of Central Coalfields Limited and Civil Engineering manual & do here by undertake to abide by the terms & condition thereof.

(Signature of the Bidder with seal & date)

PRICE BID (PART-II)

To
The Tender Committee (Civil)
Barka-Sayal Area

Sub : …….
……..

Ref. No. ……. Dated ……

Dear Sir,

With reference to your above quotation, we are quoting our lowest rate, excluding Service Tax for the subject work, after inspection of site and thorough study of the terms & condition of contract as below:

Particulars **Amount**

Estimated cost of the work

Quoted Rate of the work (in figure)
(Excluding GST (Goods and Service Tax)

Quoted Rate of the work (in words)
(Excluding GST (Goods and Service Tax)

Quoted Amount of the work
(Excluding GST (Goods and Service Tax)

Bidder's Category for the GST (Goods and Service Tax):

Select one of the following regarding categories for GST (Goods and Service Tax):

Sl. No.	Category	Document
1	GST registered Bidder / Dealer	GST Registration Certificate (i.e. GST identification Number) issued by appropriate authority.
2	GST unregistered Bidder / Dealer	A certificate from a practicing Chartered Accountant having membership number with Institute of Chartered Accountants of India certifying that the bidders is GST unregistered bidder / dealer in compliance with the relevant GST rules.

(Signature of the Bidder with seal & date)
Bidder Name: ……...

Bill of quantity for the work Repairing of S/20 qtr. situated at Saunda-D under Sayal-D Project.

Sl. No.	Description of work	Qnty.	Unit	Rate	Amount	Remarks
1	Half brick masonry with common burnt clay FPS (non-modular) bricks of class designation 50 in superstructure above plinth level in Cement mortar 1:4 (1 cement : 4 coarse sand).	25.93	sqm	646.10	16753.37	6.13.2
2	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	1.15	cum	4505.12	5180.87	6.1.2
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).	1.25	cum	157.50	196.87	2.8.1
4	Brick work with common burnt clay FPS (non-modular) bricks of class designation 50 in super structure above plinth level up to floor V level in all shape and size in cement mortar 1:6 (1cement : 6coarse sand).	0.57	cum	5254.02	2994.79	6.4.2
5	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).	0.68	cum	4028.15	2739.14	4.1.9
6	Providing 25mm thick first class patent stone flooring (1:2:4) with stone chips in two layers, bottom layers 19mm thick (1:2:4) with 12mm to 6mm size graded stone chips and top layer 6mm thick (1:2) with 6mm down stone chfips in panels inclduing cost of curing finishing the surface smooth by rubbing with carbondum stone taxes and royalty with all complete as per building specification and direction of EIC.	98.23	sqm	235.28	23111.55	JH-15 5.6.7
7	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee sections joints mitred welded with 15 x 3 mm lugs, 10 cm long embedded in cement concrete blocks 15 x 10 x 10 cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregates 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with dash fastener or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.	38.55	kg	83.70	3226.63	10.13.1

8	Providing and fixing 1mm thick M.S. sheet door shutter (D/L) with M.S. frame of 30x30x4 mm and using 20x5 mm size few diagonal in each panel (four) diagonal in each leaf and two horizontal in one leaf with loading arrangement including applying a priming coat of approval steel primer etc. all complete.	3.13	sqm	2402.12	7518.63	10.5.2 DR
9	Providing and fixing 1mm thick M.S. sheet door shutter (double leaf) with MS frame of 30x30x4mm size and using 20x5mm size for diagonal in each panel (four) diagonal in each leaf and two horizontal in one leaf with locking arrangement including applying a priming coat of approved steel primer etc. all complete.	0.81	sqm	2170.52	1758.12	10.5.2 DR
10	Distempering with oil bound distemper of approved brand and manufacture to give an even shade: Old work (one or more coats).	319.84	sqm	32.00	10234.88	14.45.1
11	Colour washing one coat over old surface with approved quality of lime in approved shade including.	300.00	sqm	10.35	3105.00	JH-15 5.8.5
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.	82.76	sqm	48.50	4013.86	14.54.1
13	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 tank.	1000.00	per litre	7.25	7250.00	18.48
14	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: 25 mm nominal outer dia pipes.	8.00	metre	209.50	1676.00	18.9.3
15	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: 20 mm nominal outer dia pipes.	10.00	metre	163.30	1633.00	18.9.2
16	Providing and fixing PTMT bib cock of approved quality and colour: 15 mm nominal bore, 86 mm long weighing not less than 88 gms.	5.00	each	156.05	780.25	18.54.1
	Total Rs.				**92127.96**	

Bill of quantity for the work Repair of boundary wall at Officer colony Filter plant under Urimari Project.

Sl. No.	Description of work	Qnty.	Unit	Rate	Amount	Remarks
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).	5.58	cum	157.50	878.85	2.8.1
2	Supplying and filling in plinth with Jamuna sand under floors including watering, ramming, consolidation and dressing complete.	0.70	cum	910.25	637.17	2.27
3	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).	0.70	cum	4028.15	2819.70	4.1.9
4	Brick work with FPS bricks of class designation 50 in foundation and plinth using cement mortar 1:6 (1cement : 6coarse sand).	2.03	cum	4505.12	9145.39	6.1.2
5	Brick work with common burnt clay FPS (non-modular) bricks of class designation 50 in super structure above plinth level up to floor V level in all shape and size in cement mortar 1:6 (1cement : 6coarse sand).	1.17	cum	5254.02	6147.20	6.4.2
6	Half brick masonry with common burnt clay FPS (non-modular) bricks of class designation 50 in superstructure above plinth level in Cement mortar 1:4 (1 cement : 4 coarse sand).	23.63	sqm	646.10	15267.34	6.13.2
7	12mm cement plaster of mix: 1:6 (1cement : 6fine sand).	97.39	sqm	149.45	14554.93	13.1.2
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 whiting.	97.39	sqm	21.70	2113.36	13.39.2
9	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m.	2.09	cum	112.40	234.91	2.25
10	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. all complete: Fixed to steel windows by welding.	26.00	kg	109.00	2834.00	9.48.1
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work.	1.08	sqm	74.40	80.35	13.61.1

12	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.	2800.00	100 sqm	642.00	17976.00	2.31
	Total Rs.				**72689.20**	

Bill of quantity for the work Cleaning of choked drain during monsoon at different places of Mines Area under Birsa Project.

Sl. No.	Description of work	Qnty.	Unit	Rate	Amount	Remarks
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).	567.00	cum	155.60	88225.20	2.6.1
2	Carriage of material by mechanical transport including loading, unloading and stacking earth.	567.00	cum	99.44	56382.48	1.1.2
	Total Rs.				**144607.68**	

Bill of quantity for the work Cleaning of Silt and mud in garland drain around Periphery of Urimari OCP as well as compliance of 91 & 49 Hectare forest land through Urimari Project.

Sl. No.	Description of work	Qnty.	Unit	Rate	Amount	Remarks
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).	1207.00	cum	157.50	190102.50	2.8.1
	Total Rs.				**190102.50**	

Bill of quantity for the work Plantation on reclaimed land of 49 Hec. Urimari OCP forest condition compliance through Urimari Project. (No. of plants – 1000).

Sl. No.	Description of work	Qnty.	Unit	Rate	Amount	Remarks
1	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) : Holes 45 cm dia, and 45 cm deep.	1000.00	each	13.40	13400.00	SOR 2016 Horticulture 21.14.4
2	Supplying and stacking of good earth at site including royalty and carriage upto 5 km complete (earth measured in stacks will be reduced by 20% for payment.	48.00	cum	332.55	15962.40	2.2
3	Supplying and stacking of good earth at site including royalty and carriage upto 5 km complete (sludge measurd in stack will be reduced by 8% for payment).	24.00	cum	235.55	5653.20	2.3
4	Supply and stacking of Azadirachta indica (Neem) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	100.00	each	17.25	1725.00	7.5
5	Supply and stacking of Dalbergia sissoo (Seasam) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	300.00	each	17.25	5175.00	7.23
6	Supply and stacking of Phyllanthus emblica (Amla) plant of height 1.60 cm in big HDPE Bags as per direction of Officer-in-charge.	100.00	each	17.25	1725.00	7.64
7	Supply and stacking of Delonix regia (Gulmohar) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	200.00	each	17.25	3450.00	7.24
	Supply and stacking of Bassia latifolia (Mahua) plant of height 60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	200.00	each	17.25	3450.00	7.6
8	Supply and stacking of Mangifera Indica (Mango grafted) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	100.00	each	17.25	1725.00	7.53
9	Cost of plantation er trees plants.	1000.00	each	4.25	4250.00	2.57.1
	Total Rs.				**56575.60**	

Bill of quantity for the work Plantation inside Urimari Officer colony and along road side of Filer plant up to Damodar River under afforation condition through Urimari Project

Sl. No.	Description of work	Qnty.	Unit	Rate	Amount	Remarks
1	Digging holes in ordinary soil and refilling the same with the excavated earth mixed with manure or sludge in the ratio of 2:1 by volume (2 parts of stacked volume of earth after reduction by 20% : 1 part of stacked volume of manure after reduction by 8%) flooding with water, dressing including removal of rubbish and surplus earth, if any, with all leads and lifts (cost of manure, sludge or extra good earth if needed to be paid for separately) : Holes 45 cm dia, and 45 cm deep.	500.00	each	13.40	6700.00	SOR 2016 Horticulture 21.14.4
2	Supplying and stacking of good earth at site including royalty and carriage upto 5 km complete (earth measured in stacks will be reduced by 20% for payment.	24.00	cum	332.55	7981.20	2.2
3	Supplying and stacking of good earth at site including royalty and carriage upto 5 km complete (sludge measurd in stack will be reduced by 8% for payment).	12.00	cum	235.55	2826.60	2.3
4	Supply and stacking of Azadirachta indica (Neem) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	50.00	each	17.25	862.50	7.5
5	Supply and stacking of Dalbergia sissoo (Seasam) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	300.00	each	17.25	5175.00	7.23
6	Supply and stacking of Phyllanthus emblica (Amla) plant of height 1.60 cm in big HDPE Bags as per direction of Officer-in-charge.	50.00	each	17.25	862.50	7.64
7	Supply and stacking of Delonix regia (Gulmohar) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	50.00	each	17.25	862.50	7.24
8	Supply and stacking of Mangifera Indica (Mango grafted) plant of height 1.60 cm in big poly bag of size 25 cm as per direction of the Office-in-charge.	50.00	each	17.25	862.50	7.53
9	Cost of plantation er trees plants.	500.00	each	4.25	2125.00	2.57.1
10	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5m.	36.00	cum	112.40	4046.40	2.25
11	Providing wooden gabion around plants as per instruction of the EIC.	100.00	each	558.90	55890.00	DR
	Total Rs.				**88194.20**	