

TENUGHAT VIDYUT NIGAM LIMITED
(A GOVT. OF JHARKHAND UNDERTAKING)
HINOO, DORANDA, RANCHI-834002

FAX: 0651-2251205

Website: www.tvnlonline.com

CST NO:229C

TIN NO:200992201429

PAN NO:AACCT1197L

NIT No. 04/CIVIL/W/TVNL/RAN/2017-18

Due on 13.06.2017



TENDER DOCUMENT

**SUBJECT: CONSTRUCTION OF BOUNDARY WALL SURROUNDING
OF SARNA COLLEGE AT TTPS, LALPANIA.**



Tenughat Vidyut Nigam Limited

(A Govt. of Jharkhand Undertaking)
Hinoo, Doranda, Ranchi-834002, Jharkhand
TEL: 0651-2250967, 2252202, Fax: 0651-2251205

Letter No. 223/17-18

Dated 15.05.2017

NOTICE INVITING TENDER

NIT No. 04/CIVIL/W/TVNL/RAN/2017-18

On behalf of Tenughat Vidyut Nigam Limited (TVNL), Ranchi sealed tenders in two parts (Part-I Technical & Commercial Bid, Part-II Price Bid) containing three envelopes A, B & C (Requisite cost of Tender Document & Earnest Money of specific value in envelope 'A', Technical & Commercial Bid in envelope 'B' and Price Bid in envelope 'C') are invited from experienced, reputed and financially sound firms for construction of boundary wall surrounding Sarna college at TTPS Lalpania, Dist. Bokaro, Jharkhand. The details are as given below:

Description of Work	Construction of boundary wall surrounding Sarna College at TTPS, Lalpania.
Estimated Cost (Rs.)	Rs. 17,45,532/- (Rupees Seventeen lakh forty five thousand five hundred thirty two) only plus Service Tax extra as applicable.
Cost of Tender Documents (Non Refundable)	Rs. 2,000/- (Rupees Two thousand) only.
Amount of EM to be deposited in the form of DD	Rs.35,000/- (Rupees Thirty five thousand) only.
Completion Period	03 (Three) months
Downloading of Tender Paper	From 20.05.2017.
Last Date & Time for receipt of Tender Paper	13.06.2017 up to 14:00 Hrs.
Date & Time of Opening of Part-I of Tender	13.06.2017 at 16:00 Hrs.
Place of submission of bid documents and address for communication	Electrical Superintending Engineer (C&M), Tenughat Vidyut Nigam Limited, Hinoo, Ranchi-834002.

1. The Bidder should have the following Qualifying Requirements (QR):

- a. The bidders shall have to submit proof of working experience of similar work in any Govt./ Semi- Govt. / CPSU/SPSU/ SEB's.
- b. The average annual financial turnover during the last 03 (three) financial years, ending 31st March of the previous financial year should be at least 30% of the estimated cost.
- c. The bidder should have experience of having successfully completed similar works during last seven years ending last day of month previous to the one in which applications are invited. The successful completed similar work shall be either of the following :
 - i. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost.

OR

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

OR

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

Similar work means the bidder must have working experience of similar civil work in any Govt./ Semi Govt. / CPSU/SPSU/ SEB's.

- d.** The bidder should have financial credibility /capacity of at least 20% of the estimated cost. Bidder may submit Bank Solvency Certificate of any Indian Nationalized / Scheduled Bank in support of their financial credibility /capacity.
- 2.** The tender document is to be downloaded from the TVNL website www.tvnlonline.com. The cost of tender document shall be deposited at the time of submission of tender paper in the shape of Bank Draft issued by any Nationalized/Scheduled Bank in favour of "TENUGHAT VIDYUT NIGAM LIMITED" payable at Ranchi. Tender shall not be considered without cost of tender document. Any type of tempering/alteration with tender document shall not be allowed and offer, if submitted so, will be summarily rejected.
 - 3.** Tender without Earnest Money shall not be considered. Offers shall be accompanied with the cost of tender document and earnest money deposit (EMD) of requisite value as specified above in a separate envelope 'A' failing which offers are liable for rejection. EMD may be furnished in the form of Demand Draft from any Nationalized Bank/ Scheduled Bank in favour of "TENUGHAT VIDYUT NIGAM LIMITED" payable at Ranchi.
 - 4.** The earnest money will be forfeited on revocation of tender before expiry of validity of the tender or on refusal to enter into the contract after the award is made by TVNL to the bidder.
 - 5.** Any corrigendum/Addendum/Extension of bid opening date and cancellation of NIT will be published through our website www.tvnlonline.com only and not through newspaper. The bidders are requested to visit our website regularly for any addendum/corrigendum/extension till opening of NIT.
 - 6.** The due date of bid opening as mentioned in the tender will remain firm. However, in case of unforeseen circumstances or due to administrative reasons the bids are not opened on the due date, the same shall be opened on the next working day at the same time. In case the last date of submission of bids is declared as holiday, the bids received up to the time of closing of bids on the next working day shall be considered for opening.
 - 7.** The undersigned reserves the right to reject any or all tenders or to distribute the job among the bidders without assigning any reason thereof.

(R. Ranjan)
Electrical Superintending Engineer (C&M)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002

BILL OF QUANTITY

PART- I (TECHNICAL& COMMERCIAL)

NIT No. 04/CIVIL/W/TVNL/RAN/2017-18

Sub: Construction of boundary wall surrounding of Sarna College at TTPS, Lalpania.

S.N.	Particulars	Details to be furnished by the Bidder (Enclose separate sheets if required)	Flag No.	Page No.
1.	Name of the Bidder (Enclose Letter Head of firm)		I	
2.	Address of Bidder with Telephone, Fax, E-mail		II	
3.	Name of the Proprietor/ Head of the Firm and its key personnel with organizational chart giving details of qualification and experience etc.		III	
4.	Details of maintenance set up with resources like permanent employees (with designation & strength), tools & tackle and other equipment with capacities		IV	
5.	Name and Qualification of the site-in-charge		V	
6.	Work Experience of Bidder (Attach copy of work order of similar work and its successful completion certificate during last seven years as per Sl. No. 1.c of QR)	Work Order No..... Dated..... Completion Certificate Dated..... Work Order No..... Dated..... Completion Certificate Dated..... Work Order No..... Dated..... Completion Certificate Dated.....	VI	
7.	Financial Credibility/ Capacity (Attach latest Bank Solvency Certificate)		VII	

8.	Average annual financial turnover of bidder during the last 03 years (Attach audited Balance Sheet & P/L Account for last three years ending 31 st March, 2017 is necessary)	Average annual financial turnover of bidder during the last 03 (three) yearsRs..... Annual Turnover FY 2016-17: Rs..... FY 2015-16: Rs..... FY 2014-15: Rs.....	VIII	
9.	Name & Designation of Authorized Signatory (Attach Power of Attorney if applicable)		IX	
10.	Nature of Firm (Proprietorship/Partnership /Pvt. Ltd./Public Sector) (Attach proof)		X	
11.	Permanent Account Number (PAN) (Attach proof)		XI	
12.	Service Tax Registration Number (Attach proof)		XII	
13.	Sales Tax/Value Added Tax Registration Number / TIN (Attach proof)		XIII	
14.	Labour License No. (Attach copy of registration)		XIV	
15.	EPF Code No. (Attach copy of registration)		XV	
16.	Character Certificate of the Head of the Firm issued within last six month from due date of NIT. (Issued by the Officer not below the rank of Magistrate)		XVI	
17.	Particulars of Earnest Money (DD No. & Date)		XVII	
18.	Particulars of Cost of Tender Document(BOQ) (DD No. & Date)		XVIII	
19.	Other details and remarks, if any		XIX	

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002

NIT No. 04/CIVIL/W/TVNL/RAN/2017-18

Sub: Construction of boundary wall surrounding of Sarna College at TTPS, Lalpania.

GENERAL TERMS & CONDITIONS

1. **Validity of Offer:** The bid submitted by the bidders should remain valid for a minimum period of 120 days from the date of opening of Part-I unless otherwise specified.
2. **Late Receipt of the Tender:** Special attention of the bidder is invited about the receipt of the tender in time. Tenders received after the stipulated date and time due to any reason, whatsoever, shall not be considered. Bidders are requested to see that their bids are delivered in the office of TVNL before the prescribed date and time.
3. **Inspection of Site:** Before quoting the rate, bidders are advised to visit the work site and get satisfied with scope of work for which rates are to be quoted. Engineer -in -charge may be consulted for any clarification regarding scope of work and terms of tender. Bidder should go through the terms and conditions and technical specification of work carefully and sign in all pages of the tender document.
4. **Instruction to Bidder:**
 - a. Bidders are advised to submit their bids strictly based on the scope of work, terms and conditions contained in the bid document and subsequent revisions/amendments, if any. The bid should be submitted along with covering letter.
 - b. The bid shall be prepared and submitted by typing or printing in English on white paper in consecutively numbered pages duly signed by the authorized signatory with company seal affixed on each page. Any part of the bid, which is not specifically signed by the authorized signatory and not affixed with company seal, may not be considered for the purpose of evaluation.
 - c. Copy of bid document, amendments/revisions to bid document if any, shall be signed and submitted along with the bid.
 - d. Complete bid document including all enclosures should preferably be submitted in hard bond or spiral binding and all pages should be numbered and must be signed by the authorized signatory with seal of the company.
 - e. The **Part-I (Techno-commercial Bid)** should be sealed in a separate envelope super scribed with NIT No., “**Part – I (Techno-commercial Bid)**”, Name and address of the bidding firm, and should be addressed to ESE (C&M), Tenughat Vidyut Nigam Limited, Hinoo, Ranchi-834002.
 - f. The **Part-II (Price Bid)** should be sealed in a separate envelope super scribed with NIT No., “**Part – II (Price Bid)**”, Name and address of the bidding firm, and should be addressed to ESE (C&M), Tenughat Vidyut Nigam Limited, Hinoo, Ranchi-834002. The rate to be quoted in price part (Part-II) shall be in figure and in words both. In case of difference in the rates quoted in figures and words, the amount in words shall prevail. The bidder must quote firm rates. Bid with variable rates shall be considered invalid.
 - g. Both the envelopes containing Part-I (Techno-commercial Bid and Part-II (Price Bid) should be kept in a third envelope super scribed with NIT No., Name and address of the bidding firm, and should be addressed to ESE (C&M), Tenughat Vidyut Nigam Limited, Hinoo, Ranchi-834002. Complete tender or tenders not submitted as per requirement as indicated in the NIT are likely to be rejected.
 - h. Bidders shall submit their offer strictly as per terms and conditions of the tender document without any deviation. If at any time any of the documents/information submitted by the bidder is found to be incorrect, false or untruthful, the bid and/or the resultant order may be summarily rejected/ cancelled at the risk of the bidder.
 - i. Failure to furnish all information and documentary evidence as stipulated in the bid document or submission of an offer that is not substantially responsive to the bid document in all respects shall be summarily rejected.
 - j. All bids will be received in duly sealed cover within the due date and time. Bids received after the due

date and time is liable for outright rejection.

5. **Earnest Money Deposit (EMD):** Offers shall be accompanied with Earnest Money Deposit (EMD) of requisite value as specified in a separate envelope failing which offers are liable for rejection. EMD may be furnished in the form of Demand Draft/ Bank Guarantee from any Indian Nationalized Bank/Schedule Commercial Bank in favour of “TENUGHAT VIDYUT NIGAM LIMITED” payable at Ranchi. The Bank Guarantee should remain valid for 12 months. The earnest money will be forfeited on revocation of tender before expiry of validity of the tender or on refusal to enter into the contract agreement after the award is made by TVNL to the bidder.
6. **Security Deposit:** The successful bidder shall have to deposit total security deposit @ 10% of order value as performance guarantee in which initial security money @ 5% of the order value (including earnest money deposited along with tender) before executing the agreement, balance 5% of security money will be deducted from R/A bills. The security money will be released after successful completion of work and closure of contract. Initial security money will be accepted as Bank Draft/ Bank Guarantee in the prescribed format .
7. **Payment Terms:** The Contractor shall submit bill in triplicate for work done to the Engineer - in – charge, for verification and onward transmission to the paying authority for payment. The department will make payment to the contractor subject to availability of fund. No interest will be paid in case of delay in any payment.. The contractor shall produce documentary evidence in support of deposit of EPF & service tax before release of payment.
8. **Paying Authority:** The Accounts Officer, TVNL, Ranchi will be the Paying Authority.
9. **Engineer-in-Charge:** SE (C) will be the Engineer-in-Charge for this work. The works are to be executed as per direction of Engineer-in-Charge (EIC). Anything not mentioned here in shall be decided by the EIC of the work and shall be binding on the contractor.
10. **Idle Charges:** No charges for idle men, machine, plant and equipment will be allowed to agency for some reason or the other beyond control of the department.
11. **Safety Measures:** The Contractor shall observe all the safety measures. Safety appliances have to be arranged by the Contractor at his own cost. Any compensation payable to the Contractor’s employee in the event of accident or causality has to borne by the Contractor himself and TVNL will not be responsible on this accounts in any way. In case of any damage due to negligence mishandling and mal operation by the staff of contractor, the damage would be made good by the contractor at his/own own cost. In case of non compliance, proportionate deduction will be made from the bills of the contractor.
12. **Scope of the work:** Scope of the work is attached here as a guideline to execute the work. However contractor has to execute all the work as per direction of Engineer-in-Charge.
13. **Agreement:** The firm or his legally authorized representative having Power of Attorney will have to execute an agreement with the ordering authority within 15 days of issue of order in the event of placement of order on them. The agreement will have to be prepared on a non-judicial stamp paper of Rs.50/- on Nigam’s format. Bank Guarantee against Security Deposit, Performance Guarantee etc. as per order will have to be furnished well before execution of agreement. The contractor is required to produce all original paper and documents for verification before agreement failing which order will be cancelled. Contractor will not be allowed to start the work without executing the agreement.
14. **Jurisdiction of Court:** Any dispute between the Contractor and TVNL shall be settled in the civil court, at Ranchi, Jharkhand only.
15. **Labour Laws:** The bidder has to follow the guidelines laid under the labour law, workmen compensation, and EPF rules in respect of minimum wages, EPF payment and other service condition. In the event of any accident / casualty to the employees of contractor, the compensation payable to the employees is to be borne by the contractor and TVNL will not be responsible in any way.
16. **Minimum Wage Guarantee:** The contractor shall strictly ensure that the minimum wages as stipulated by GoJ

from time to time is paid to their workmen. Any increase in minimum wages during the period of contract, will have to be paid to their workmen without any claim on TTPS/TVNL. If the contractor fails to comply with guarantee of minimum wages then the agreement is liable to be terminated and security money may be forfeited.

17. **Taxes:** All statutory taxes as applicable shall be deducted from each the bill of contractor.
18. **Violation of Terms & Conditions of Tender:** All terms and conditions of tender shall form a part of the contract. If contractor fails to execute the work up to entire satisfaction of Engineer -in -Charge as per terms & conditions of tender, then the contract agreement can be terminated after one month prior notice and security money shall be forfeited.
19. **Subletting:** The successful bidder will have to execute the work directly. No subletting will be allowed.
20. **Competent Authority:** Managing Director TVNL reserves the right to extend the due date and to reject any/ all the tenders or to increase / reduce/ distribute the quantity of tender without assigning any reason thereof and not bound to accept the lowest tender or to assign any reason for the rejection of the lowest tender. During the execution of work in case of any dispute between the Engineer-in -Charge and contractor, the decision of GM-cum-CE, Tenughat TPS will be final and binding.
21. **Man Power:** A list of manpower arranged by the contractor should be submitted to Engineer -in -Charge of the work before deployment and same should be deployed with due permission of Engineer -in -Charge. If the performance of the deployed person is not found up to the mark at any time, the contractor will have to replace them with experienced and suitable person.
22. **Tools & Tackles:** The contractor should have to arrange minimum of minor and special tools & tackles as per scope of work.
23. **Variation of quantities of work:** The contract price is based on the units rates and the quantities of items stipulated in the contract. The contract price may undergo corresponding change, if the work orders for change in quantities of items during execution of work. However, the units rates indicated in price schedules shall remain firm and shall not be subject to any escalation whatsoever. All unit prices shall be firm for variation within a limit of $\pm 15\%$ Contract value may vary within $\pm 15\%$ of the grand total of schedule as included in Work Order. Such variation shall in no degree affect the validity of the contract and it shall be performed by the contractor as provided therein and be subjected to the conditions, situation and obligations originally and expressly included in the specification and amount to be paid therefore shall be calculated in accordance with accepted scheduled of rate.
NOTE: - As specified above and reiterated here for clarification that the contractor shall be bound to carry out and increased or decreased portion of work without any change in unit prices and no claim on any account shall be entertained for variation without the Limit of variation allowable under the contract, is on the contract value of as a whole as included in work order and not on the value of work of any individual items.
24. **Site Cleaning:** The Contractor must keep clean the working area after completion of the job. Waste materials and garbage shall be disposed off by the contractor at suitable place as per the instruction of the Engineer-in-Charge.
25. **Date of commencement:** The date of commencement of work will be considered from the date of **issue of work order**.
26. **Liquidated Damages for Delay in Completion:** In case of any delay in the execution of the work beyond the stipulated date of completion/ Completion schedule including any extension permitted in writing, TVNL reserves right to recover from the agency a sum equivalent to 0.5% of the value of the delay work for each week of delay and part thereof subject to a maximum of 5% of the total value of the work.
27. **Mobilization Time:** The successful bidder will be given maximum one month time from the date of LOI/Work Order for mobilization of resources, manpower and starting the work. The contractor failing to enter in to agreement and start the work within one month will lose the work order and earnest money/security money and work will be allotted to L2, L3.....bidder if they agree to work on L₁ rate.

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002

NIT No. 04/CIVIL/W/TVNL/RAN/2017-18

Sub: Construction of boundary wall surrounding of Sarna College at TTPS, Lalpania.

Sl. No.	Description of work	Qty.
01.	Earth work in excavation on foundation trenches in ordinary soil (vide classification of soil item – A) and disposal of excavated earth a obtained to a distance up to 50M including all lifts with leaving ramming the foundation trenches removing roots of trees shrubs all complete as per approved design, building specification and direction of E/I.	150.47 M ³
02.	Providing coarse cleaning sand in filing foundation trenches or in plinth including ramming and watering in layers not exceeding 150 mm thick with all leads and lifts including cost of all materials labours royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement compacted volume.)	16.94 M ³
03.	Providing designation 75 B one bricks flat soiling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I	225.82 M ²
04.	Providing PCC/RCC M – 100 with nominal mix of (1:3:6) in foundation and plinth with approved quality of stone metal grade III (50 mm to 25 mm size) & clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibrating striking curing tax and royalty all complete job as per building specification and direction of E/I.	16.94 M ³
05.	Providing PCC M – 150 with nominal mix of (1:2:4) in columns with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibration striking curing tax and royalty all complete job as per building specification and direction of E/I.	10.97 M ³
06.	Providing PCC M – 150 with nominal mix of (1:2:4) in foundation and plinth with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibration striking curing tax and royalty all complete job as per building specification and direction of E/I.	6.76 M ³
07.	Providing RCC M – 150 with nominal mix of (1:2:4) in beam of all types with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibration striking curing tax and royalty all complete job as per building specification and direction of E/I.	7.31 M ³
08.	Providing Tor Steel reinforcement of 8 mm, 10 mm, 12 mm & 16 mm dia bars as per approved design and drawing excluding carriage of M.S. rods (straight or in coils) to work site, cutting,	

	bending of rust, placing the rods in position all complete as per direction of E/I.	
i.	8 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.496 MT
ii.	10 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.683 MT
iii.	12 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.584 MT
iv.	16 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.683 MT
09.	Providing designation 75 B one bricks work in CM (1:6) in foundation and plinth with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10mm thick mortar joints cost of screening materials ranking out joints to 15mm depth curing taxes and royalty all complete as per building specification and direction of E/I.	50.04 M ³
10.	Providing designation 75 B one bricks work in CM (1:6) in super structure with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10mm thick mortar joints cost of screening materials ranking out joints to 15mm depth curing taxes and royalty all complete as per building specification and direction of E/I.	190.48 M ³
11.	Providing 12 mm thick cement plaster (1:6) including curing carriage of water with all leads and lifts as per building specification and direction of E/I.	1647.83 M ²
12.	Providing two coats of snowcem of approved shade and make over new surface including washing, cleaning and preparing the walls, scaffolding, curing and taxes all complete as per building specification and direction of E/I.	1647.83 M ²
13.	Supplying fitting and fixing steel gate with 16 mm dia TMT bars at 15 cm centre with spear shaped top ends projected 225 mm beyond frame fitted on 40 x 40 x 6 mm M.S. Angle frame of size 60 x 60 x 6 mm including cost of fabrication, providing necessary locking arrangements with haskel and domny duly fixed in PCC (1:2:4) blocks of required size, applying priming coat of red lead over steel work, taxes all complete as per drawing, specification and direction of E/I.	9.00 M ²
14.	Carriage of materials	
i.	Cement (20 KM lead)	37.47 MT
ii.	Sand (5 KM lead)	149.36 M ³
iii.	Stone Metal (5 KM lead)	16.26 M ³
iv.	Stone Chips (27 KM lead)	22.54 M ³
v.	Bricks (15 KM lead)	1,07,224.00 Nos.
vi.	Steel (20 KM lead)	2.45 MT

(Signature & Seal of Bidder)

TENUGHAT VIDYUT NIGAM LIMITED
HINOO, DORANDA, RANCHI-834002.

BILL OF QUANTITY

PART – II (PRICE PART)

NIT No. 04/CIVIL/W/TVNL/RAN/2017-18

Sub: Construction of boundary wall surrounding of Sarna College at TTPS, Lalpania.

Sl.No.	Description of work	Qty.	Rate (Rs.)	Amount (Rs.)
01.	Earth work in excavation on foundation trenches in ordinary soil (vide classification of soil item – A) and disposal of excavated earth a obtained to a distance up to 50M including all lifts with leaving ramming the foundation trenches removing roots of trees shrubs all complete as per approved design, building specification and direction of E/I.	150.47 M ³		
02.	Providing coarse cleaning sand in filing foundation trenches or in plinth including ramming and watering in layers not exceeding 150 mm thick with all leads and lifts including cost of all materials labours royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement compacted volume.)	16.94 M ³		
03.	Providing designation 75 B one bricks flat soiling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I	225.82 M ²		
04.	Providing PCC/RCC M – 100 with nominal mix of (1:3:6) in foundation and plinth with approved quality of stone metal grade III (50 mm to 25 mm size) & clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibrating striking curing tax and royalty all complete job as per building specification and direction of E/I.	16.94 M ³		
05.	Providing PCC M – 150 with nominal mix of (1:2:4) in columns with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM	10.97 M ³		

	2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibration striking curing tax and royalty all complete job as per building specification and direction of E/I.			
06.	Providing PCC M – 150 with nominal mix of (1:2:4) in foundation and plinth with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibration striking curing tax and royalty all complete job as per building specification and direction of E/I.	6.76 M ³		
07.	Providing RCC M – 150 with nominal mix of (1:2:4) in beam of all types with approved quality of stone chips 20 mm to 6 mm size graded and clean coarse sand of FM 2.5 to 3 including screening shuttering mixing cement concrete in cement mixer and placing in position vibration striking curing tax and royalty all complete job as per building specification and direction of E/I.	7.31 M ³		
08.	Providing Tor Steel reinforcement of 8 mm, 10 mm, 12 mm & 16 mm dia bars as per approved design and drawing excluding carriage of M.S. rods (straight or in coils) to work site, cutting, bending of rust, placing the rods in position all complete as per direction of E/I.			
i.	8 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.496 MT		
ii.	10 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.683 MT		
iii.	12 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.584 MT		
iv.	16 mm (TMT coil Fe 500) (only valid for SAIL & TATA Steel)	0.683 MT		
09.	Providing designation 75 B one bricks work in CM (1:6) in foundation and plinth with approved quality of clean coarse sand of FM 2 to 2.5 including providing 10mm thick mortar joints cost of screening materials ranking out joints to 15mm depth curing taxes and royalty all complete as per building specification and direction of E/I.	50.04 M ³		
10.	Providing designation 75 B one bricks work in CM (1:6) in super structure with	190.48 M ³		

	approved quality of clean coarse sand of FM 2 to 2.5 including providing 10mm thick mortar joints cost of screening materials ranking out joints to 15mm depth curing taxes and royalty all complete as per building specification and direction of E/I.			
11.	Providing 12 mm thick cement plaster (1:6) including curing carriage of water with all leads and lifts as per building specification and direction of E/I.	1647.83 M ²		
12.	Providing two coats of snowcem of approved shade and make over new surface including washing, cleaning and preparing the walls, scaffolding, curing and taxes all complete as per building specification and direction of E/I.	1647.83M ²		
13.	Supplying fitting and fixing steel gate with 16 mm dia TMT bars at 15 cm centre with spear shaped top ends projected 225 mm beyond frame fitted on 40 x 40 x6 mm M.S. Angle frame of size 60 x60x6 mm including cost of fabrication, providing necessary locking arrangements with haskel and domny duly fixed in PCC (1:2:4) blocks of required size, applying priming coat of red lead over steel work, taxes all complete as per drawing, specification and direction of E/I.	9.00 M ²		
14.	Carriage of materials			
i.	Cement (20 KM lead)	37.47 MT		
ii.	Sand (5 KM lead)	149.36 M ³		
iii.	Stone Metal (5 KM lead)	16.26 M ³		
iv.	Stone Chips (27 KM lead)	22.54 M ³		
v.	Bricks (15 KM lead)	1,07,224.00 Nos.		
vi.	Steel (20 KM lead)	2.45 MT		

Note:

1. Total quoted cost will be the criteria for defining L₁ bidder
2. Service tax will be paid extra as applicable.

(Signature & Seal of Bidder)