

**Rayat Shikshan Sanstha’s**

**KARMAVEER BHAURAO PATIL COLLEGE VASHI**

**NAVI MUMBAI**

Sector 15-A Vashi, Navi Mumbai [principal@kbpcollegevashi.edu.in](mailto:principal@kbpcollegevashi.edu.inn)

**E- TENDER DOCUMENT FOR**

RECONSTRUCTION OF OLD COMPOUND WALL WORK

UNDER TWO BID SYSTEM

**Rayat Shikshan Sanstha’s**

**KARMAVEER BHAURAO PATIL COLLEGE VASHI**

**NAVI MUMBAI**

**Sector 15-A Vashi, Navi Mumbai principal@kbpcollegevashi.edu.in**



Notice Inviting Tender

Rayat Shikshan Sanstha’s Karmaveer Bhaurao Patil College Vashi, Navi Mumbai, invites e-tender for RECONSTUCTION OF OLD COMPOUND WALL work from reputed contractors or agencies or representative to participate in the competitive bidding process.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.** | | **Name of work** | | | **Estimated** | |  |  |  | **Tender Fee** |  |
| **No.** | |  | |  | **cost in (Rs.)** | |  | **EMD (Rs.)** |  |  |
| 1 |  | RECONSTRUCTION OF OLD COMPOUND WALL | | | 2,80,318/ | |  | 2800/ |  | 5000/-+ GST 18 % |  |
|  |  |  | | |  |  |  |  |  | (Non-refundable) |  |
|  |  |  |  | |  |  |  | | | |  |
|  | **1** |  | **Tender Publishing Date** | |  |  | **13/11/2023** | | | |  |
|  |  |  |  | | |  |  |  |  |  |  |
|  | **2** |  | **Date of Commencement for issue of** | | |  | **14/11/2023** | | | |  |
|  |  | **Tender:** | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | | |  |  |  |  |  |  |
|  | **3** |  | **Time and last date of submission of** | | |  | **24/11/2023** | | | |  |
|  |  | **Tender** | |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | | |  |  | | | |  |
|  | **4** |  | **Technical Bid Opening** | | |  | **24/11/2023**  **(11:00 Hrs)** | | | |  |
|  |  |  |  | | |  |  | | | |  |
|  | **5** |  | **Financial Bid Opening** | | |  | **25/11 /2023**  **(15:00 Hrs)** | | | |  |
|  |  |  |  | | |  |  | | | |  |
|  | **6** |  | **Time Limit** | |  |  | **15 Days from date of work order** | | | | |
|  | **7** |  | **Place & Address for opening of tender** | | |  | Karmaveer Bhaurao Patil College Vashi, Navi Mumbai Sec-15 A, Navi Mumbai | | | | |
|  |  |  |  | |  |  |  | | | | |
|  |  |  |  | | |  |  |  | | | |
|  | **8** |  | **Security deposit of selected bidder** | | |  |  | **5 %** of **Estimated cost** | | | |
|  |  |  |  | |  |  |  |  |  |  |  |

**Note: The College reserves the right to accept or reject any or all the tenders from any or all the parties without assigning any reason.**

Email Address: **principal@kbpcollegevashi.edu.in**

**Principal**

Karmaveer Bhaurao Patil College

Vashi, Navi Mumbai

**Instruction for Filling of E-Tender**

Karmaveer Bhaurao Patil College Vashi, Navi Mumbai invites e-tender for RECONSTRUCTION OF OLD COMPOUND WALL contractor or agencies representative to participate in the competitive bidding process. The details in this regard are given below.

1. **Procedure to submit the tender:** All eligible /interested tenderer are required to be enrolled onportal <https://edumart.sets.co.in> before downloading tender documents and participate in e-tendering. The response to the tender should be submitted online tender in two parts viz. Technical Bid & Financial Bid (BOQ). No tender will be accepted in hard copy, fax, e-mail or any other such means.
2. **Technical Bid:** The technical bid shall contain the following documents. The Bidder must scan thedocuments and upload all these documents online with first page in technical bid compulsorily. All the documents must be valid and self-attested by bidder. Non-submission of following requested documents may lead to rejection of offers.

|  |  |
| --- | --- |
| **Sr.** | **Name of Document** |
| **No.** |  |
|  |  |
| 1) | Information of the bidder (Annexure – A) |
|  |  |
| 2) | Copy of Sales/GST registration certificate |
|  |  |
| 3) | Copy of PAN/TAN card |
|  |  |
| 4) | Copies of Income tax return filed during last three financial years. |
|  |  |
| 5) | GST fill certificate in last month |
|  |  |
| 6) | Annual turnover certificate (last 3 yrs) |
|  |  |
| 7) | Bidder's Declaration (Annexure – B) |
|  |  |
| 8) | Declaration Regarding Blacklisting / Debarring for Taking Part in Tender |
|  | (Annexure - C) |
|  |  |
| 9) | Specification of materials ( annexure D ) |
|  |  |
| 10) | Experience Certificate/Tax invoice/Bill/ purchase order etc. of the similar types of |
|  | supply /work |
|  |  |
| 11) | Warranty certificate/ ISO/ISI Certificate |
|  |  |

1. **Financial Bid:** The tendering authority will first open the Technical Bid documents of all biddersand after scrutinizing these documents will shortlist the bidders who are eligible for Financial Bidding process. Otherwise, the tender may be disqualified. The detail description of equipment is provided in Annexure-IV of the tender documents.
2. The Technical and Financial bid shall be submitted online as per the schedule.
3. The bidders are strictly advised to follow the dates and times allocated to each stage. As indicated in the time schedule. All the online activities are time tracked and the Electronic Tendering System enforces time-locks that ensure that no activity or transaction can take place outside the

Start and End Dates and Time of the Stage as defined in the tender schedule. At the sole discretion of the Tender Authority, the time schedule of the Tender stages may be extended.

1. College will reserves the right for change in the number of items to be maintained in schedule.
2. The college reserves the right to decide whether to open or not open the financial Bid of the tenderer and no objection of any tenderer shall be entertained on any ground what so ever it may be regarding this.
3. No Bid shall be accepted without payment of tender fee.
4. The rate should be a single Unit quoting i.e. For Single Quantity.
5. The college is not bound to accept lowest rates and reserves the right of accept/cancel any or all tenders without assigning any reason thereof.
6. The intending supplier shall also have to mention the name of manufacture/make, model of the article and has to enclose the pamphlets / pictures /information brochures of the appliances for which the rates are quoted. In the absence of the above, the items offered may not be considered.
7. Bidders should not personally meet/contact via telecommunication to any of the authorities of the K.B.P. College Vashi, Navi Mumbai during the bidding period. Such bidders/their bids will be automatically stands cancelled. However, bidders may forward their queries on [principal@kbpcollegevashi.edu.in](mailto:principal@kbpcollegevashi.edu.inn) related to explanation of tender document only.

**I/We have read all the enclosed Terms and Conditions carefully and ready to accept, accordingly I/We are submitting herewith the tender.**

**Signature and Seal of Bidder/ Vender**

**GENERAL TERMS AND CONDITION OF THE TENDER**

1. **Cost of Tender** (Tender Fee) - Bidders are required to pay online https://edumart.sets.co.in for Rs.5000/-(Non-refundable) + GST 18% Tender fee as mentioned on dates above.

**[GST NO- 27AAATT1566E1ZJ ]**

1. **Cost of EMD** – **for RECONSTRUCTION OF OLD COMPOUND WALL RS. 2800/ -** are required to pay online <https://edumart.sets.co.in>
2. **Security Deposit:** The successful bidder to whom the work order is given shall be required to deposit the extent of 5% of total cost of the estimated cost as a security deposit within 2 days from the date of acceptance of tender. Security may be furnished in the form of an Account payee Demand Draft or Bank Guarantee from a Scheduled bank in an acceptable form. The security deposit will not carry any interest which shall be refunded after supply, If the bidder fails to keep the security deposit, then the building maintenance committee / Principal of the College will take necessary action as per sanstha’s resolution.
3. E-tenders are invited from the respective reputed contractors for painting work & internal road surface finishing work
4. Performance Security equivalent to 5% of the ordered value will have to be furnished by contractor within 15 days of the award of contract. Performance Security may be furnished in the form of an Account payee Demand Draft or Bank Guarantee/FDR from a Scheduled bank in an acceptable form, safeguarding the college’s interest in all respects. Performance Security should be valid up to two months .
5. **Quality of Goods:** The civil materials must be of the best quality, sound and/ or as per the detail specifications and subject to the approval of the Principal, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.
6. The goods should be dispatched at supplier’s risk; however, the supplier will be responsible until the entire items are supplied in good condition. Default/Defect item should be rejected.
7. Installation/ fitting and demonstration of Equipment/Instrument/Goods with satisfactory performance should be given before the payment is made to the supplier. Payment will be made only after satisfactory report is received from the concerned users/ department & purchase committee.
8. Even though the tender is technically accepted but after receiving of the said Equipment/ Instruments etc.; if it is found that the technical specifications given in the tender document do not match with supplied equipment, the principal of college reserves the right to reject the purchase order and necessary action will be taken as per government resolution.
9. All the rights to change terms and condition in tender and right to reject any or all tenders without any reason thereof whatsoever is reserved with Principal, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai.
10. **Cancellation of purchase order**: College reserves the right to cancel the purchase order in case bidder fails to supply of material within the stipulated or extended time or particulars mention in the tender document.
11. If due to the above-mentioned reason purchase order is canceled, earnest money/ security deposit shall be forfeited and also the tender may be allotted to the next lowest tender or the purchasing officer reserves the right to take any other appropriate decision including legal action against the bidder to whom work order was given.
12. **Guarantee / Warranty:**
13. **One-year warranty** has to be provided by the firm from the date of the satisfactory installation / commissioning of equipment against the defect of any manufacturing, workmanship and poor quality of components. In case, there is any variation in the warranty as per the specification of the item materials, the warranty as specified in the specifications shall be final.
14. In case, supplier fails to repair / or rectify the work during the warranty / guarantee period, K. B. P. College Vashi may employ or pay other person/company for repairing the work, and all such damages, loss and expenses shall be recovered from the contractor.
15. **Payment:** RA Bill prepared as per actual measurement taken of work completed be made within 15 days from the date of complete satisfactory work and All payments will be done through cheque or RTGS only.
16. **Banker’s details:** Name, IFSC, MICR code and address of the banker of your company should be mentioned separately.
17. **Duration:** Tender offer must be valid for a period 15 days from the date of work order.
18. The vendors ought to mention separate GST in their bills.

18- The college reserves the right to delete / increase / decrease items from the schedule of requirement specified in the tender.

1. **Rejection of Bids:**
   1. If bidders gives wrong information in their bid, College reserves the right to reject such bids at any stage and forfeit the Earnest Money Deposit / Bank Guarantee, security deposit and cancel the order, if awarded.
   2. Incomplete bids are liable to be rejected.
   3. If the technical offer contains any price information the offer will be summarily rejected.
   4. Canvassing in any form in connection with the tender is strictly prohibited and the bids submitted by the bidder who resort to canvassing are liable for rejection.
   5. Conditional e-tender shall be rejected.
   6. Bids submitted without supporting documents as mentioned or required to submit with bids are liable to be rejected.
   7. The Tenderers must confirm in their bid acceptance in full of the terms and conditions in this enquiry. Any non-acceptance or deviations from the terms and conditions must be clearly brought out. However, tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this enquiry may render the quotation liable for rejection.
   8. If bidder not signs on each page of the tender document including all annexure along with the page numbered.
2. **Jurisdiction:** The courts at Thane, Dist. Thane alone will have the jurisdiction to try any matter,

dispute or difference of opinion between parties arising out of this tender /contract. It is specifically agreed that no court outside and other than Thane court shall have jurisdiction in the mater. Vender/bidder should be paying all fees of the disputes for both parties

**I/We have read all the enclosed Terms and Conditions carefully and ready to accept and according to that I/We are submitting herewith the tender.**

**Signature and Seal of Bidder/Vender**

Annexure - A.

**INFORMATION OF THE BIDDER (Vendor Details)**

|  |  |
| --- | --- |
| 1.      Name of the Company / Firm /Dealer/Vendor |  |
| 2.      Registered office Address and Contact |  |
| 3.      Details of contact person name, designation,  address, mobile no & email |  |
| 1. Type of the Organization / (Proprietary /   Partnership / Pvt. Ltd. / PSU / Govt. /Public Ltd) |  |
| 1. Manufacturing license / certificate / dealer/   supplier / authorization certificate Number and Date |  |
| 6.      Experience in business |  |
| 7.      Annual Turnover (last 3 yrs) |  |
| 8.      GST Registration No. |  |
| 9.      PAN Card No. |  |
| 10.  Capacity in which bid is singed by the bidder  (Proprietor /Partner /Director Etc.) |  |

**Signature & Seal of the bidder**

Annexure - B.

**DECLARATION**

**(On letter head only)**

**To,**

**The Principal,**

**Karmaveer Bhaurao Patil College Vashi,**

**Navi Mumbai.**

Subject: Reconstruction of old compound work

Dear Sir/Madam,

With reference to above cited subject, I / We are submitting herewith our rates for the above item. I/We have examined all the requirement with specifications and carefully read the General conditions of contract, Instruction for Filling of E-Tender, Articles of Agreement, Bill of Quantities etc.

I/We agree to sign agreement and submission of security deposit within stipulated time from the acceptance letter.

I / We hereby ready to work of painting the above mentioned building & internal road work within the stipulated time specified in the purchase order and hereto at the rates quoted in Bill of Quantities of in accordance in all respects with the specifications, conditions of contract and as per the instructions.

I /We also hereby certify that the rates quoted in financial/commercial bid (BOQ) are not more than the rate charged to any other Institution / Department / Organization.

Power of Attorney authorizing undersigned to bid on our behalf is enclosed herewith.

I /We hereby certify that I / We have gone through all the information and terms and conditions stipulated in the tender document and hereby confirm to abide by the same.

Date: Yours faithfully

Full Name:

Signature & Seal

Address :

Annexure -C.

**DECLARATION REGARDDING BLACKLISTING / DEBARRING FOR TAKING PART IN TENDER**

(To be executed & attested by Public Notary / Executive Magistrate on Rs. 100/- non judicial Stamp Paper by the bidder)

I / We \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Manufacture /Partner (s)

/authorized distributor / agent of M/S \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ hereby

declare that the firm /company namely M/S. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

has not been blacklisted or debarred in the past by Union / State Government / Rayat Shikshan Sanstha or by any other organization from taking part in tenders in India.

In case the above information found false I / we are fully aware that the tender / contract will be rejected/cancelled by college and EMD shall be forfeited. In addition to the above college will not be responsible to pay the bills for any completed / partially completed work.

DEPONENT

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Attested:

(Public Notary / Executive Magistrate)

**Annexure-D**

|  |
| --- |
| **SPECIFICATIONS OF THE PAINTING MATERIALS & ROAD WORK** |

|  |  |  |
| --- | --- | --- |
| **LIST OF APPROVED MANUFACTURERS FOR DIFFERENT MATERIALS TO BE  USED IN THIS PROJECT** | | |
|  |  |  |
| **SR. NO.** | **DETAILS OF MATERIALS** | **MANUFACTURERS NAME** |
| 1 | BB in second class of well burn | Local made |
| 2 | Cement | 53 grade of Ultra Tech , ACC , OTHER STD MAKE |
| 3 | SAND | RIVER SAND , NO DUST MIXED IN SAND |
| 4 | STEEL | TMT |

Note:

1. Quote the item wise rate in the BOQ on contractor Letter Head. Please make sure that amount quoted in price bid in online system and quote on letterhead should be same. In case it differs, amount quoted in online system will be considered as final price bid.
2. If any above said make shall not be available and requires change then the approval will have to be taken from College Authority in written format.
3. If some items mentioned in BOQ is not covered in above said shortlisted makes then make will have to be approved from College Authority client before start the work

**Signature, Name & Seal of the bidder**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Check list** | | | |
|  |  |  |  |  |
| **Sr.** | **Name of Document** |  | **(Y/N)** | **Page** |
| **No.** |  |  |  | **No.** |
|  |  | |  |  |
| i) | Scanned Copy of receipt of Payment of tender fee | |  |  |
|  |  | |  |  |
| ii) | Information of the bidder (Annexure – A) | |  |  |
|  |  | |  |  |
| iii) | please attach scanned copy of similar work done certificate from authorized agencies | |  |  |
|  | . |  |  |  |
|  |  | |  |  |
| iv) | Copy of Sales/GST registration certificate | |  |  |
|  |  |  |  |  |
| v) | Copy of PAN/TAN card |  |  |  |
|  |  | |  |  |
| vi) | Copies of Income tax return filed during last three financial years. | |  |  |
|  |  |  |  |  |
| vii) | GST fill certificate in last month |  |  |  |
|  |  |  |  |  |
| viii) | Instruction for Filling of E-Tender | and General Terms And |  |  |
|  | Condition of The Tender |  |  |  |
|  |  | |  |  |
| ix) | Annual turnover certificate (last 3 yrs) | |  |  |
|  |  | |  |  |
| x) | Bidder's Declaration (Annexure – B) | |  |  |
|  |  | |  |  |
| xi) | Declaration Regarding Blacklisting / Debarring For Taking Part In | |  |  |
|  | Tender (Annexure - C) |  |  |  |
|  |  | |  |  |
| xii) | Specifications of the materials (Annexure-D) | |  |  |
|  |  | |  |  |
| xiii) | Experience Certificate/Tax invoice/Bill/ purchase order etc. of the | |  |  |
|  | similar types of supply /work (minimum 2) | |  |  |
|  |  | |  |  |
| xiv) | Warranty certificate/ ISO/ISI Certificate if required | |  |  |
|  |  |  |  |  |

**Note: Upload with tender document**

**Signature, Name & Seal of the bidder**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name of work : Reconstruction of old compound wall near Admin Building** | | | | |
| **K.B.P. College, Vashi** | | | | |
| **BOQ** | | | | |
| **S.NO** | **ITEMS** | **QTY** | **RATE / UNIT** | **AMT** |
| 1 | Dismantling brick masonry in lime or cement mortar and stacking the materils as directed with all leads, lifts etc.**46.09-296** | 1.90 cum | / cum |  |
| 2 | Removing cement tiles, or marble or polished shahabad floor or dado without bed concrete including stacking the materials as directed with all leads, lifts etc. complete **46.19-297** | 32.52 sqm | /sqm |  |
| 3 | Excavation for foundation in earth, soils of all types, sand,gravel and soft murum, including removing the excavated material upto a distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means 21.05-153 | 23.52 cum | / cum |  |
| 4 | Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in superstructure including racking out joints when plastering is to be done / striking joints when no plastering is to be done on inside watering and scaffolding etc.complete**.28.04-199** | 3.1 cum | / cum |  |
| 5 | Providing and laying in situ /Ready Mix cement concrete M-20 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering formwork, laying/pumping cover blocks, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. **With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) 24.04-175** | 6.29 cum | / cum |  |
| 6 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap / granite /quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compactionand roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. **With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) 25.54-181** | 1.14 cum | / cum |  |
| 7 | Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete**.26.33-188** | 0.50 mt | / mt |  |
| 8 | Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in superstructure including striking joints, raking out joints, watering and scaffolding etc. Complete**27.05-197** | 2.38 cum | / cum |  |
| 9 | Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1 kg per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.32.11-209 | 27.57 sqm | / sqm |  |
| 10 | Providing and applying three coats of water proof cement paint of approved manufacture and of approved colour to new plastered surfaces including scaffolding if necessary, cleaning and preparing the surface, watering for two days etc. complete**.35.15-224** | 27.57 sqm | / sqm |  |
| 11 | Providing and laying polished hand cut Kotah Stone flooring 25mm to 30mm thick and 45cm to 55cm wide in plain/diamond pattern on a bed of 1:6 C.M. including cement float, filling joints with neat cement slurry, curing, polishing and cleaning complete**.33.08-213** | 37.20 sqm | 1/ sqm |  |
| 12 | Dismantling old MS Grill & Refitting in position | 6.90 sqm | / sqm |  |
| 13 | Dismantling old SSHand Grill & Refitting in position | 16 no | / no |  |
| 14 | Providing uncoursed rubble masonry of trap / granite / quartzite / gneiss stones in cement mortar 1:6 in superstructure including racking out joints when plastering is to be done / striking joints when no plastering is to be done on inside watering and scaffolding etc.complete**.28.04-199** | 3.10 cum | / cum |  |
| 15 | Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete**.21.38- 157** | 1.82 cum | / cum |  |
| 16 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap / granite /quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. columns as per detailed designs and drawing or as directed including Steel centering formwork, cover blocks laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete. (Excluding reinforcement and structural steel). with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. **With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)** 25.15- 178 | 3 cum | / cum |  |
| 17 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawing or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC without SCAD Aenabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. **With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) 25.35-180** | 0.35 cum | / cum |  |
|  |  |  | Total Rs: |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | **In word :** | | | |