
MAHATMA GANDHI MISSION TRUST

**ITEM RATE (WITH MATERIAL)
E - TENDER DOCUMENT**

**“PROPOSED STEP LECTURE HALL BUILDING (EAST AND
WEST BLOCK, STILT + 1 UPPER FLOOR) ADJOINING TO
MEDICAL COLLEGE ON PLOT NO. 1
SECTOR 1, KAMOTHE, NAVI MUMBAI, FOR
MAHATMA GANDHI MISSION TRUST”**

**SPACE FORUM ARCHITECTS PVT. LTD.
MGM SITE OFFICE PLOT NO 1, SECTOR 1, KAMOTHE ON
KALAMBOLI JUNCTION NAVI MUMBAI**

NAME OF WORK: - “Proposed Step Lecture Hall Building at Medical College Kamothe (East & West Block), having Entrance hall lobby, Staircase core and fire escape staircase on Stilt + 1 upper floor having Excavation up to 2 to 3 meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing. The structure has RCC frame structure AAC block masonry with both side plaster at plot no. 1 & 2 sector 18, Kamothe, Navi Mumbai, for Mahatma Gandhi Mission Trust.

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Issued to: _____

**REGISTRAR, MGM INSTITUTE OF HEALTH SCIENCES, 3RD FLOOR
MGM MEDICAL COLLEGE BUILDING, PLOT NO 1, SECTOR 1,
KAMOTHE ON KALAMBOLI JUNCTION NAVI MUMBAI**

e-TENDER NOTICE

MGM Trust, Navi Mumbai invites Item Rate e-Tender (with Material) rate in E-tenders from registered experienced contractors having necessary documents like Income Tax Returns, Experience Certificate, Solvency Certificate, Machinery ownership proof and other statutory registrations etc. as per demand of office for the following works.

| Sr. No. | Name of work | Estimated Project civil cost Rs (INR). 4.66 Cr | E.M.D. (Rs.) Rs. 3,50,000 | Time Period 180 day |
|---------|--------------|---|---------------------------------|------------------------|
|---------|--------------|---|---------------------------------|------------------------|

1. “Proposed Step Lecture Hall Building (East & West Block), having Entrance hall lobby, Staircase core and fire escape staircase on Stilt + 1 upper floor having total Construction area on 1st floor (East & West Block) 1337.00 sq.m. with Excavation up to 3-meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing. at plot no. 1 & 2 sector 1, Kamothe, Navi Mumbai, for Mahatma Gandhi Mission Trust.

e-Tender documents and other details can be viewed & Download from <https://www.mgmuhs.com/> and Submitted via email, between April 26, 2022 to May 02, 2022 up to 2pm to MGM IHS CPD etenders@mgmuhs.com

The Site Visit to Site & Hard copy of Drawing can be viewed from the office of the MGM Trust Site Office at Kamothe campus, Navi Mumbai, on any working day from April 26, 2022 to May 02, 2022 between 10am to 5pm working hours.

The tender documents completed in all respect accompanied by Earnest Money Deposit (EMD) in the form of Cross Demand Draft payable, shall be submitted via email to MGM IHS CPD etenders@mgmuhs.com

e-tenders as far as possible will be opened on May 02, 2022 at 4.00 pm. at MGM Central Purchase Department, Kamothe, Navi Mumbai, In the presence of bidders or their authorized representative.

The MGM Trust reserves its right to reject the lowest or any or all tenders without assigning any reason.

Registrar
MGM IHS

DETAILED TENDER NOTICE TO THE CONTRACTORS

E-tenders are invited by the Secretary, Mahatma Gandhi Mission Trust, Plot No.1, Sector -6, CBD Belapur, Navi Mumbai, for the work of " **Proposed Step Lecture Hall Building (East & West Block), having Entrance hall lobby, Staircase core and fire escape staircase on Stilt + 1 upper floor having Excavation up to 3 meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing at plot no. 1 & 2 sector 1, Kamothe, Navi Mumbai, for Mahatma Gandhi Mission Trust**".

The estimated cost of the work is **Rs. 4.66 Cr** (with material cost). e-Tender documents and other details can be viewed & Download from <https://www.mgmuhs.com/> and Submitted via email, between April 26, 2022 to May 02, 2022 up to 2pm to MGM IHS CPD etenders@mgmuhs.com. The Site Visit to Site & Hard copy of Drawing can be viewed from the office of the MGM Trust Site Office at Kamothe campus, Navi Mumbai, on any working day from April 26, 2022 to May 02, 2022 between 10am to 5pm working hours.

The tender documents completed in all respect accompanied by Earnest Money Deposit (EMD) in the form of Cross Demand Draft payable, shall be submitted via email to MGM IHS CPD etenders@mgmuhs.com e-tenders as far as possible will be opened on May 02, 2022 at 4.00 pm. at MGM Central Purchase Department, Kamothe, Navi Mumbai, In the presence of bidders or their authorized representative. The works are to be completed within 6 month's period including monsoon from the date of written work order to commence the work.

1. **Security Deposit:-**

- (a) The amount of built-up security deposit will be 5% of the total work allocated to the tenderer.
- (b) The balance amount of security deposit to be recovered from bills will be at 5% of the amount of bill, till total amount of Security Deposit becomes 5% of the cost of project.

2. **Tender Rates: -**

The tenderer should quote the unit rates both in figures and in words in the schedule – B and the total cost quoted at the place provided for in form. No alteration in the form of special conditions will be permitted. The tenders which do not fulfill any of the above conditions or are incomplete in any respect are liable to be summarily rejected. The contractor should particularly note the units on which the rates are based.

- (a) The tenderer may in the forwarding letter mention any point that he may wish to make it clear but right is reserved to reject the same or the whole tender if the same becomes a conditional one.

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- (b) The rates in the Bill of Quantities should be for civil work, no extra amount for carting or transporting will be paid unless specifically mentioned or provided. All the rates are inclusive of all lifts and leads, overhead, insurance and ESI for all labor. The GST shall be extra as applicable.

4. Acceptance of e-Tender: -

- (a) Acceptance of tender will rest with the competent authority who reserves the right to reject any or all tenders without assigning any reasons thereof.
- (b) The offer shall remain valid for a period of 365 days (Three Hundred Sixty Five) from the date of opening of tenders.
5. The tenderer whose tender is accepted will have to enter into regular agreement within 7 days from the date of receipt of intimation of the acceptance of the tender and make payment of required security deposit. The tenderer will have to abide by all rules and regulations embodied therein. The amount of Earnest Money shall be forfeited to MGM Trust, Navi Mumbai, if after the acceptance of the tender the contractor does not complete the contract documents and fails to pay the initial amount of Security Deposit mentioned above within 7 days of receipt by him of the notification of the acceptance of his tender.
6. The Tenderer shall be assumed to have carefully examined the drawings, conditions & specifications of the contract and to have fully acquainted himself with all details of site location, materials, weather character, site labour conditions and in general all necessary information and data pertaining to the need of work prior to tendering for the work.

7. Submission of e-Tender :-

The e-tender should be submitted via email to MGM IHS CPD etenders@mgsuhs.com up to 2pm, on May 02, 2022

The tender should accompany following documents: -

- (i) An up to date and valid Income Tax payment copy/ copy of counterfoil of IT return in original or true copy.
- (ii) CESS Certificate / document copies showing assessment/payment made as applicable.
- (iii) List of similar works done during last three years in Prescribed format (Annexure I) supported by necessary certificates from owners.
- (iv) Details of other works tendered and in hand on the date of submission to the tender, enclose copies of work order.
- (v) Details of Machinery owned by the Tenderer.
- (vi) Details of Technical personnel with the tenderer.
- (vii) Work program in the form of Bar Chart/CPM network showing timely completion of work.
- (c) The Tenderer should submit PRICE BID Separately.

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- 8) The tender will be liable to be rejected outright if while submitting it :-
2. The tenderer proposes any alternation in the work specified in the tender or in the time allowed for carrying out work or any other conditions.
 3. Any of the pages of the tender removed and / or replaced.
 - (d) Any erasures are made by him in the tender.
 - (e) All corrections and additions or pasted slips are not initialed by the tenderer.
 - (f) The tenderer in the case of a firm, a partner thereof does not sign and the signature/signatures are not attested by witness on pages of the tender in the space provided for the purpose.
9. This tender notice shall form a part of contract agreement.
10. Given Performa of submission of tender, shall be followed for submission of tender.
11. In case of any dispute between the agencies the decision of the Chairman MGM Trust, Navi Mumbai, shall be final and binding on the agencies.

All other conditions remaining same, availability of the following minimum owned key and critical equipment for this work, will have preference in deciding the award.

| S. No | Name of Equipment | Size/ Capacity Specification | Nos. |
|-------|--|------------------------------|--------|
| 1 | Mixer | Half/full bag | 2 each |
| 2 | Hoist (lift) | Half/full bag load | 2 each |
| 3 | Vibrator 25/40mm dia niddle (Electrical driven, Diesel driven) | | 2 each |
| 4 | Tyre wheel Trolley | | 6 Nos |
| 5 | Hammer drill (5 kg & 10 kg) | | 1 each |
| 6 | Concrete/steel cutter | | 1 each |

The MGM IHS reserves the right to reject the lowest or any or all tenders without assigning any reasons.

Signature of the Contractor

**Issued on Behalf and by the order of
Registrar, MGM IHS, Navi Mumbai.**

GENERAL DESCRIPTION OF WORK

The project is for the Construction of Proposed Step Lecture Hall Building (East & West Block), having Entrance hall lobby, Staircase of 3-meter-wide main and 2-meter-wide fire escape staircase on Stilt of 4-meter ht. + 1 upper floor having 5-meter height to 1st floor. The Step Hall will have grid Slab, slop towards stage and having step of 125mm riser and 1-meter wide trade. The Super Structure Slab plate of around 675 sq. Meter should be casted in one single go including its beam. The Structure will be covered with AAC Masonry Block. The internal and External all RCC & Masonry surfaces will be finish with fine cement plaster. Excavation up to 3-meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing at plot no. 1 & 2 sector 1, Kamothe, Navi Mumbai, for Mahatma Gandhi Mission Trust”.

The scope of work consists Excavation up to 3-meter depth in all type of soil, murum, hard murum and soft/hard rock up to getting safe soil bearing capacity of 50 tone per sq. meter, complete in all respect including shoring, De-watering, lead and lift. Disposal of Debris : The Excavated material should be dispose in the nearby plot around 500 meter distance by Truck or Dumper as directed by MGM project engine

Signature of Contractor

Engr.MGM

INSTRUCTIONS TO TENDERERS

1. e-tenders should be submitted via email to MGM IHS CPD etenders@mgmuhs.com up to 2pm, on May 02, 2022
2. E-Tenders will be opened on the day mentioned in the detailed tender notice if possible, otherwise the alternate date and time for the opening will be informed to the tenderer.
3. Drawings and other details are available on web site <https://www.mgmuhs.com/> and hard copy for viewing to the tenderer's representative for inspection at the MGM site office on working days during office hours.
4. Right to reject the lowest or any other tender/tenders without assigning any reason is reserved by the owners.
5. In case of proprietary concern, the owner or his duly constituted attorney shall sign tender and also attach a copy of power of attorney to the tender. In the case of Partnership Firm/Consortium the tender shall be signed by partners of the firm and the names and addresses of other partners shall be submitted along with the tender. Certified copies of latest partnership deed and the necessary power of attorneys must be enclosed with the tender. In case of a limited or private limited company the tender shall be signed by duly authorized person and a copy of the authorization letter must be attached to the tender. In the case of firms and companies rubber stamps just be put along with the signatures.
6. Tenderer shall submit along with the tender a Bar-Chart showing timely completion of the project.
7. Tenderer must inspect the site and get completely familiar with the site conditions including floor heights, area for material stacking and area for providing and fixing lift and quote his rates accordingly and no extras will be payable beyond the accepted rates.

Signature of Contractor

Engr., MGM

PROFORMA FOR SUBMISSION OF TENDER

Ref:

Date:

To,
The Registrar,
Mahatma Gandhi Mission IHS

SUB:- Proposed Step Lecture Hall Building (East & West Block), having Entrance hall lobby, Staircase core and fire escape staircase on Stilt + 1 upper floor having Excavation up to 3 meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing at plot no. 1, sector 1, Kamothe, Navi Mumbai, for Mahatma Gandhi Mission trust.

Dear Sir,

1. Having obtained the e-Tender Documents for the work under reference and having examined the scope of work and Conditions of Contract, we hereby offer to perform, provide, execute, complete and maintain the work in conformity with the Articles of Agreement, General Conditions of Contract, Special Conditions of Contract, detailed drawings and specifications in the amounts as quoted in the accompanying Tender within the stipulated time. We confirm that these works are to be approved by the Architect's and Engineer In-charge Of, MGM Trust, Navi - Mumbai.
2. We have satisfied ourselves as to the location of the site and working conditions, foundation conditions, examined the requirements of Mahatma Gandhi Mission Trust, Navi - Mumbai and have obtained all the information necessary for the successful timely completion of the work.
3. We have submitted to you along with this offer a work program in the form of Bar Chart to complete the work in specified time limit.
4. We have deposited the necessary Earnest Money with you, which amount is not to bear any interest. We hereby agree that this sum shall stand forfeited in the event of your acceptance of our Tender and failure on our part to execute the Contract when called upon to do so within the stipulated time.
5. We understand that you are not bound to accept the lowest Tender or not bound to assign any reasons for rejecting our Tender.
6. We agree to keep our offer open for 120 (one hundred twenty days) days from the date of opening of tender.

With thanks,
Yours faithfully,

Signature of Tenderer
(Authorized Signatory)

Terms & Conditions for finishing of Proposed Step Lecture Hall Building (East & West Block), having Entrance hall lobby, Staircase core and fire escape staircase on Stilt + 1 upper floor having Excavation up to 3-meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing

- 1) **The Medical college Proposed Step Lecture Hall Building will have tie beams, lintel beams, RCC copping, RCC mullions, Sills, RCC band on brick / block masonry. chajja/box projections, Civil work and finishing work of site development** including masonry, intermediate beam, copping beam and both side plaster as per drawing. **And the MGM's Medical College will not pay any extra amount separately against it.**
- 2) The contractor have to arrange to consumable at his own cost such as nails and screws for shuttering and all type of cover block for RCC work of footing, column, beam and slab as specified in the drawing. If oil based putty is required to finish the MS plate shuttering joints, same is to be arrange and apply by the contractor, and the MGM Trust will not pay the extra amount separately against it.
- 3) The work to be carried out on site is strictly in accordance to the drawing provided and as per instruction of Site Engineer.
- 4) All material required for execution of Civil and its finishing work i.e. steel, steel binding wire, cement, sand, aggregate, shall be provided by Contractor, water & electricity will be provided by MGM Trust site office but shall be charge as per state schedule rates.
- 5) The contractor must provide and have all necessary equipment's, such as mechanical mixture, lift / winch, pumps drill and mechanical / electrical cutter, centering, shuttering and scaffolding, door frames and hold fast etc. The contractor also has to provide finishing equipment such as brush, broom or sponge at his own cost. The contractor also has to provide all safety equipment's including hamlet, belts, first aid at his own cost.
- 6) The labor camp/labor stay shall not be permitted on site/ in the campus.
- 7) The contractor must provide skilled labor on site, so inferior work must be avoided.
- 8) The contractor shall be responsible for quality of work as per specification and drawing. If any improper work notice on site, the same shall be removed at contractor`s cost and reconstruction of it shall be done by the contractor at his own cost and his material.
- 9) The contractor is fully responsible for curing of the job at his own cost. The required man power, pipe and pump are to be provided by contractor at his own cost. If

unsatisfactory curing of the job is found on site, then the site engineer shall get it done from other agency and double the cost of the curing shall be recovered from contractor.

- 10) The contractor should appoint a full-time site engineer/ site supervisor. The contractor's site supervisor must report daily to the MGM site in charge.
- 11) The contractor has to respect the MGM Site office and Medical college authority daily work schedule in terms of noise disturbance due to equipment's or issue of life safety of the occupant while demolition of work. So, contractor must obey the MGM Site office authority and should obey the work schedule and must carry out the work without disturbance or he should work in lean period only.
- 12) **It is binding to the contractor, to comply with labor laws with respect to his employees, workers who are engaged for work and, the contractor must show labor records to MGM as and when demanded for the inspection.**
- 13) **The contractor is fully responsible for obtaining and maintaining the labor license. Their insurance and follow up to the other relevant rules shall be responsibility of the contractor.**
- 14) **The contractor is fully responsible for any eventuality, accident or injury, force majeure happens/occurs at site at his own cost and consequences.**
- 15) **The contractor is fully responsible for keeping and maintaining the PF account as per the rule & regulation is the sole responsibility of the contractor at his own cost.**
- 16) **The contractor must provide following documents to MGM Site office administrative office are Aadhaar card / PAN card and GST no. and GST registration copy.**
- 17) The contractor will submit in writing work / time schedule to MGM site office and he must strictly follow it.
- 18) The quoted rates are applicable to all heights and all places. The quoted rates can be applicable to new work in the same campus or any maintenance work of the same building at different level; hence the above quoted rates are applicable and valid up to next 12 months.
- 19) **Time Schedule:** The finishing work of above-mentioned project and its scope of work must be completed within 6 calendar months i.e. 180 days including all holidays from the issue of the work order.
- 20) **Payment terms and conditions:**
 - 21.1) The contractor shall be paid on account of work executed by the employer under interim certificate issued by site engineer, once in month against the running bill. The contractor's bill should be supported by detail measurements and he

should submit it to site office. The site office will check the measurements and make record of quantities within three working days. The site office will submit the check bill to MGM Site office for payment. The period of honoring interim bill/invoice shall be seven working days, from the date of submission to site office.

21.2) **The final bill payment:** The final bill payment shall be prepared within one month of hand over respective area and cleaning of site. The final certificate shall be issued within thirty days and same shall be honored within 30 days. Before issue of final payment the contractor shall have to accept the quantities, rates and amounts of each running bill and final bill.

21) Taxes: The GST, The GST shall be provided on payment as per time to time rules & regulation.

22.1) The TDS : The TDS to be deducted from each running bill as per time to time rules & regulation by the employer.

22.2) The other applicable Govt. taxes if any over labor contract shall have to be born by the contractor at his own cost.

22.3) The Employer shall reserve right to deduct the payment of work, which is not up to the mark and which is not as per specification / drawing.

23.1 Recovery of advance shall be made by deducting from contractor`s running account bill in suitable percentage as decided by site engineer.

22) Security Deposit: The security deposit @ 5% of the gross running bill amount shall be deducted from each running bill.

23) Refund of security: security deposit shall be refundable to the contractor after 365 days or one monsoon whichever is later of finalization of final bill. The 365 days shall be treated as defect liability period and any defect which shall occur in the period shall have to be rectified by the contractor at his own cost.

24) The work shall be subjected to inspection by Trustee of MGM, Directors and Authorized representatives of the employer, so at the time of their site visit, the site must be accessible to them. The site shall be always well clean and well maintain.

That the terms and conditions mention in the work order agreement are acceptable to the contractor and shall be abided and no deviation shall be allowed.

This Tender form, its negotiated rates, and its terms and conditions are from the part of the work order agreement and are binding on both.

SPECIFICATION AND QUOTATION TO BE SUBMITTED BY CONTRACTOR

Project: - Proposed Step Lecture Hall Building (East & West Block), having Entrance hall lobby, Staircase core and fire escape staircase on Stilt + 1 upper floor having Excavation up to 3-meter depth, RCC Super structure, Masonry work, Plaster finishing work, parapet wall, Staircase tower and terrace top finishing with brick bat coba top finishing at plot no. 1, sector 18, Kamothe, Navi Mumbai, for Mahatma Gandhi Mission Trust.

| ABSTRACT OF ESTIMATE OF CIVIL WORK OF PROPOSED LECTURE HALL BUILDING ADJOINING TO MEDICAL BUILDING, ON PLOT 1 & 2, SECTOR 18 & 19, KAMOTHE NAVI MUMBAI FOR MAHATMA GANDHI MISSION TRUST | | | | | | |
|--|---|----------------------|-------------|------------|-------------|---------------|
| UP TO PLINTH LEVEL | | | | | | |
| S.No. | ITEM DESCRIPTION | ITEM NO (SSR) | UNIT | QTY | Rate | AMOUNT |
| | (AS PER SOR 2021-2022) | | | | | |
| 1 | Site cleaning | | Sq.meter | 1400.00 | | |
| 2 | Box type water proofing | | Sq.meter | 672.00 | | |
| 3 | Excavation for foundation in earth, soils of all types, sand, gravel and soft murrum, including removing the excavated material up to 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 | 21.04 | Cubic Meter | 1394.00 | | |
| 4 | Excavation for foundation in Hard murrum including removing the excavated material upto a In Rs. 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 1.5 to 3.0m.) By Mechanical Mean | 21.08 | Cubic Meter | 1394.00 | | |
| 5 | ExcavationforfoundationinHardrockbyblastingincludingtrimmingandlevelingthebedbychiselngwherenecessaryandremovingtheexcavatedmaerialandstackingitinmeasurableheapswithinadistanceof50metresfromthebuildingareaincludingdewateringandbackfillingwithavailableath/murum, watering, ramming, etc. complete. (Lift upto 1.5m) By Mechanical Means | 21.16 | Cubic Meter | 1394.00 | | |
| 6 | Filling in plinth and floors with approved excavated material in 15cm. to 20cm. layers including watering and compacting etc. complete. | 21.36 | Cubic Meter | 1114.00 | | |
| 7 | Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete | 21.38 | Cubic Meter | 242.20 | | |
| 8 | Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete. | 0.00 | Cubic Meter | 20.00 | | |

| | | | | | | |
|----|--|-------|-------------|--------|--|--|
| 9 | Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing 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 (Crushed sand VSI Grade) | 24.01 | Cubic Meter | 64.00 | | |
| 10 | 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. including bailing out water, Steel centering, formwork ,cover blocks, laying/pumping, 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 (Crushed sand VSI Grade) | 25.13 | Cubic Meter | 588.00 | | |
| 11 | Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings 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 (Crushed sand VSI Grade) | 25.33 | Cubic Meter | 78.00 | | |
| 12 | Providing and laying Cast in situ/Ready Mix cement concrete in M-25 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, compaction and 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 (Crushed sand VSI Grade) | 25.52 | Cubic Meter | 90.00 | | |

| | | | | | | |
|----|--|--------------|-------------|--------|--|--|
| 13 | Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade) | 25.72 | Cubic Meter | 120.00 | | |
| 14 | 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 | MT | 33.70 | | |
| 15 | 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 | Cubic Meter | 30.00 | | |
| | | TOTAL | | | | |

ABSTRACT OF ESTIMATE OF CIVIL WORK OF PROPOSED LECTURE HALL BUILDING ADJOINING TO MEDICAL BUILDING, ON PLOT 1 & 2, SECTOR 18 & 19, KAMOTHE NAVI MUMBAI FOR MAHATMA GANDHI MISSION TRUST

GROUND FLOOR

| S.No. | ITEM DESCRIPTION | ITEM NO (SSR) | UNIT | QTY | Rate | AMOUNT |
|-------|--|---------------|-------------|--------|------|--------|
| | (AS PER SOR 2021-2022) | | | | | |
| 1 | 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 drawings 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 (Crushed sand VSI Grade) | 25.33 | Cubic Mater | 98.00 | | |
| 2 | Providing and laying Cast in situ/Ready Mix cement concrete in M-30of 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, compaction and 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 (Crushed sand VSI Grade) | 25.52 | Cubic Mater | 106.00 | | |
| 3 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade) | 25.72 | Cubic Mater | 158.00 | | |

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|---|--|-------|-------------|-------|--|--|
| 4 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing 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 (Crushed sand VSI Grade) | 26.07 | Cubic Mater | 2.40 | | |
| 5 | Providing and laying Cast in situ/Ready Mix cement concrete in M-25 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) 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 (Crushed sand VSI Grade) | 26.26 | Cubic Mater | 9.00 | | |
| 6 | 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 | MT | 48.92 | | |
| 7 | 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 | Cubic Mater | 10.00 | | |
| 8 | Providing Autoclaved Aerated Concrete Block masonry of Ecolite or equivalent make conforming to IS:2185 (Part 3) - 1984 in extra fine jointing mortar of fixoblock of UltraTech or equivalent in superstructure including striking joints, raking out joints and scaffolding etc. Complete. (The test shall be carried out conforming to IS:6441 (Part I) - 1972) | 27.15 | Cubic Mater | 30.00 | | |
| 9 | Providing Autoclaved Aerated Concrete Block masonry of Ecolite or equivalent make conforming to IS:2185 (Part 3) - 1984 in extra fine jointing mortar of fixoblock of UltraTech or equivalent in Half brick thick wall including striking joints, raking out joints and scaffolding etc. Complete. (The test shall be carried out conforming to IS:6441 (Part I) - 1972) | 27.16 | Sq. Meter | 30.00 | | |

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|----|--|--------------|-----------|---------|--|--|
| 10 | Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete | 32.40 | Sq. Meter | 1430.00 | | |
| 11 | Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing etc. complete | 32.06 | Sq. Meter | 820.00 | | |
| 12 | Providing rough cast cement plaster externally in two coats to concrete, brick or stone masonry surfaces in all positions with base coat of 12 to 15 mm thick in C.M. 1:4 and rough cast treatment 12mm thick in proportion 1:1 1/2:3 including grooves , moulding , rounding , water drip or water patta and scaffolding with fourteen days curing complete. | 32.12 | Sq. Meter | 290.00 | | |
| 13 | Providing and fixing chicken mesh of 22 gauge , with about 30 cm. width at the junction of R.C.C members and brick work, of approved quality including fixing mesh in position by necessary drilling in concrete /B.B.masonry and or tying by binding wire etc. complete. | 32.26 | Sq. Meter | 60.00 | | |
| | | TOTAL | | | | |

ABSTRACT OF ESTIMATE OF CIVIL WORK OF PROPOSED LECTURE HALL BUILDING ADJOINING TO MEDICAL BUILDING, ON PLOT 1 & 2, SECTOR 18 & 19, KAMOTHE NAVI MUMBAI FOR MAHATMA GANDHI MISSION TRUST

FIRST FLOOR

| S.No. | ITEM DESCRIPTION | ITEM NO (SSR) | UNIT | QTY | Rate | AMOUNT |
|-------|---|---------------|-------------|--------|------|--------|
| | (AS PER SOR 2021-2022) | | | | | |
| 1 | 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 drawings 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 (Crushed sand VSI Grade) | 25.33 | Cubic Meter | 98.00 | | |
| 2 | Providing and laying Cast in situ/Ready Mix cement concrete in 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, compaction and 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 (Crushed sand VSI Grade) | 25.52 | Cubic Meter | 106.00 | | |
| 3 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade) | 25.72 | Cubic Meter | 158.00 | | |

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|---|---|-------|-------------|-------|--|--|
| 4 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing 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 (Crushed sand VSI Grade) | 26.07 | Cubic Meter | 2.40 | | |
| 5 | Providing and laying Cast in situ/Ready Mix cement concrete in M-30 of trap/ granite/ quartzite/ gneiss metal for R.C.C. pardi of required thickness including steel centering, formwork, cover blocks, laying/pumping, compacting , curing , finishing and roughening them if special finish is to be provided and curing 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 (Crushed sand VSI Grade) | 26.19 | Cubic Meter | 20.00 | | |
| 6 | Providing and laying Cast in situ/Ready Mix cement concrete in M-30 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) 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 (Crushed sand VSI Grade) | 26.26 | Cubic Meter | 9.00 | | |
| 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 | MT | 50.30 | | |
| 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 | Cubic Meter | 50.00 | | |

ABSTRACT OF ESTIMATE OF CIVIL WORK OF PROPOSED LECTURE HALL BUILDING ADJOINING TO MEDICAL BUILDING, ON PLOT 1 & 2, SECTOR 18 & 19, KAMOTHE NAVI MUMBAI FOR MAHATMA GANDHI MISSION TRUST

TERRACE FLOOR WITH STAIRCASE TOWER

| S.No. | ITEM DESCRIPTION | ITEM NO (SSR) | UNIT | QTY | Rate | AMOUNT |
|-------|---|---------------|-------------|-------|------|--------|
| | (AS PER SOR 2021-2022) | | | | | |
| 1 | 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 drawings 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 (Crushed sand VSI Grade) | 25.33 | Cubic Meter | 13.00 | | |
| 2 | Providing and laying Cast in situ/Ready Mix cement concrete in 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, compaction and 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 (Crushed sand VSI Grade) | 25.52 | Cubic Meter | 9.00 | | |
| 3 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite / quartzite/ gneiss metal for R.C.C. slabs and landings as per detailed designs and drawings 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 (Crushed sand VSI Grade) | 25.72 | Cubic Meter | 13.40 | | |

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|---|---|-------|-------------|-------|--|--|
| 4 | Providing and laying Cast in situ/Ready Mix cement concrete M-30 of trap/ granite/ quartzite/ gneiss metal for R.C.C. chajja as per detailed design and drawings including steel centering, formwork, cover blocks, laying/pumping, compacting and roughening the surface if special finish is to be provided and curing 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 (Crushed sand VSI Grade) | 26.07 | Cubic Meter | 7.70 | | |
| 5 | Providing and laying Cast in situ/Ready Mix cement concrete in M-30 of trap / quartzite /granite /gneiss metal for R.C.C. Waist slab, and steps of staircases as per detailed design and drawings or as directed including steel centering, formwork, steel props, laying/pumping, compaction, finishing uneven and honeycombed surface with C.M. 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing etc. complete. (Excluding reinforcement, including cover block).(Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc.) 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 (Crushed sand VSI Grade) | 26.26 | Cubic Meter | 9.00 | | |
| 6 | 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 | MT | 5.48 | | |
| 7 | 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 | Cubic Meter | 14.00 | | |
| 8 | Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:4 in half brick thick wall including mild steel longitudinal reinforcement of 2 bars of 6 mm diameter / 2 hoop iron strips 25 mm X 1.6 mm placed at every third course, properly bent and bonded at ends scaffolding, racking out joints and watering etc. complete. | 27.06 | Sq. Meter | 14.00 | | |
| 9 | Providing Autoclaved Aerated Concrete Block masonry of Ecolite or equivalent make conforming to IS:2185 (Part 3) - 1984 in extra fine jointing mortar of fixoblock of UltraTech or equivalent in superstructure including striking joints, raking out joints and scaffolding etc. Complete. (The test shall be carried out conforming to IS:6441 (Part I) - 1972) | 27.15 | Cubic Meter | 54.00 | | |

