



# SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

(Engineering College)

(Established in 1960)

VIDISHA (M.P.) - 464 001

सम्राट अशोक अभियांत्रिकीय संस्थान

(इन्जीनियरिंग महाविद्यालय)

(1960 में स्थापित)

विदिशा (म.प्र.) - 464 001

A grant-in-aid, autonomous Institution under the Govt. of M. P.

(Approved by All India Council for Technical Education and affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal)

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## INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF CIVIL WORKS UNDER PROCEDURES

(Package No. 602)

Ref.: TEQIP-II/S.Park/Lab/2015-16/

10/03/2016

To

**As per List**

Dear Sirs,

**Sub: REPAIR & RENOVATION WORK IN SCIENCE PARK, CONCRETE LAB, CONSTRUCTION LAB AND AUTOMOBILE LAB (TEQIP-II/MP/MP1G02/602)**

1. You are invited to submit your most competitive quotation for the following works:-

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion (In Days)
<b>Repair &amp; renovation work in Science Park, Concrete lab, Construction lab and Automobile lab</b>	<b>204000</b>	<b>60</b>

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to US\$ **24300000000** towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3<sup>1</sup>. The TEQIP-II Project in Madhaya Pradesh state is being implemented by SATI Engineering College, which is an autonomous society registered under the Societies Registration Act.

4. To assist you in the preparation of your quotation, we are enclosing the following:

- Layout Drawings of the works;
- Structural Details;
- Detailed Bill of Quantities, with estimated rates and prices;
- Technical Specifications;
- Instructions to Bidders (in two sections).
- Draft Contract Agreement format, which will be used for finalizing the agreement for this Contract.

<sup>1</sup> Delete if inapplicable

5. You are requested to provide your offer latest by **16:00** hrs. on **26-March-2016**. **The Sealed envelope must be addressed to the Director Samrat Ashok Technological Institute, (Engg. College), Civil Lines, Vidisha (M.P.) 464001 India**
6. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at **16:00** PM on **26-March-2016** in the office of the **Director Samrat Ashok Technological Institute (Engg. College), Civil Lines, Vidisha (M.P.) 464001 India**
7. We look forward to receiving your quotations and thank you for your interest in this project.

Name:

**Dr. J.S. Chauhan**

Address:

**Director  
Office of the Director  
Samrat Ashok Technological  
Institute (Engg. College), Civil Lines,  
Vidisha (M.P.) 464001 India  
Tel. No:07592250121  
Fax No. 07592250124**

**Instructions to Bidders**  
**SECTION - A**

**1. Scope of Works**

The **Samrat Ashok Technological Institute (Engineering College), Vidisha** invites quotations for the construction of works as detailed in the table given below

Brief Description of the Works	Approximate value of Works (Rs.)	Period of Completion (In Days)
<b>Repair &amp; renovation work in Science Park, Concrete lab, Construction lab and Automobile lab</b>	<b>204000</b>	<b>60</b>

The successful bidder will be expected to complete the works by the intended completion date specified above.

**2. Qualification of the bidder:** The bidder shall provide qualification information which shall include:-

- (a) Total monetary value of construction works performed for each year of the last 3 years;
- (b) Income tax clearance certificate from the concerned IT circle;
- (c) Report on his financial standing; and
- (d) Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount in each case.

**3. To qualify for award of the contract the bidder:-**

- (a) should have satisfactorily completed as a prime contractor at least one similar work of value not less than Rs. 500,000 in the last three years;
- (b) should possess valid electrical license for executing building electrification works (in the event of the works being sub - contracted, the sub-contractor should have the necessary license);
- (c) should possess required valid license for executing the water supply/sanitary works (in the event of the works being sub-contracted, the sub-contractor should have the necessary license);

**4. Bid Price**

- (a) The contract shall be for the whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- (b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- (c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- (d) The rates should be quoted in Indian Rupees only.

**5. Submission of Quotations**

**5.1** The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation.

**5.2** Each bidder shall submit only one quotation.

**5.3** The quotation submitted by the bidder shall comprise the following:-

- (a) Quotation in the format given in Section **B**.
- (b) Signed Bill of Quantities; and
- (c) Qualification information form given in Section B duly completed

- 5.4** The bidder shall seal the quotation in an envelope addressed to the **The Director Samrat Ashok Technological Institute (Engg. College), Civil Lines, Vidisha (M.P.) 464001 India** (Purchaser). The envelope will also bear the following identification:-  
Quotation for **Repair & renovation work in Science Park, Concrete lab, Construction lab and Automobile lab** (Name of the Contract)  
Do not open before **16:00** hrs. on **26-March-2016** (time and date of quotation opening).
- 5.5** Quotations must be received in the office of **The Director Samrat Ashok Technological Institute (Engineering College), Vidisha** (Employer) not later than the time and date given in the letter of invitation. If the specified date is declared a holiday, quotations shall be received upto the appointed time on the next working day.  
Any quotation received by the office of **The Director Samrat Ashok Technological Institute (Engineering College), Vidisha**, (Employer) after the deadline for submission of quotations will be rejected and returned unopened to the bidder.
- 6. Validity of Quotation**  
Quotation shall remain valid for a period not less than **60 days** after the deadline date specified for submission.
- 7. Opening of Quotations**  
Quotations will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in the letter of invitation.
- 8.** Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.
- 9. Evaluation of Quotations**  
The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. which  
(a) meet the qualification criteria specified in clause 3 above;  
(b) are properly signed ; and  
(c) conform to the terms and conditions, specifications and drawings without material deviations.
- 10. Award of contract**  
The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.
- 10.1** Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.  
The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.
- 11. Performance Security**  
Within 15 days of receiving letter of acceptance, the successful bidder shall deliver to the **Director Samrat Ashok Technological Institute (Engineering College), Vidisha** (Employer) the performance security (either a bank guarantee or a bank draft in favour of the Employer) for an amount equivalent of 3 % of the contract price. The Performance Security shall be valid till the expiry of the period of maintenance of the work, specified in clause 12.

**12. Period of Maintenance:**

The "Period of Maintenance" for the work is six months from the date of taking over possession or one full monsoon season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer.

13. Purchase of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.
14. Following deductions will be made from payment bills as per government rules
  - a. Income Tax @ 2% of bill amount
  - b. Commercial Tax @ 2% of bill amount
  - c. Upkar @ 1% of bill amount
15. Security deposit will be deducted from payment bills @ 5% of bill amount & will be refunded after six months from the actual completion date of the work.

.....

## **SECTION - B**

- 1. Format for Qualification Information.**
- 2. Format for Submission of Quotation.**
- 3. Format of Letter of Acceptance.**

## QUALIFICATION INFORMATION

1 For Individual Bidders

1.1 Principal place of business: \_\_\_\_\_

Power of attorney of signatory of Quotation.  
*[Attach copy]*

1.2 Total value of Civil Engineering 2012-13 \_\_\_\_\_  
 construction work performed in the last 2013-14 \_\_\_\_\_  
 three years (in Rs. Lakhs) 2014-15 \_\_\_\_\_

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years.

Project Name	Name of Employer	Description of work	Contract No.	Value of contract (Rs. Lakhs)	Date of issue of work order	Stipulated period of completion	Actual date of completion	Remarks explaining reasons for delay and work completed

Existing commitments and on-going works:

Description of Work	Place & State	Contract No. & Date	Value of Contract (Rs. Lakh)	Stipulated period of completion	Value of works* remaining to be completed (Rs. Lakhs)	Anticipated date of completion
(1)	(2)	(3)	(4)	(5)	(6)	(7)

\* Enclose a certificate from Engineer concerned.

1.4 Proposed subcontracts and firms involved.

<b>Sections of the works</b>	<b>Value of Sub-contract</b>	<b>Sub-contractor (name &amp; address)</b>	<b>Experience in similar work</b>
*	*	*	*
*	*	*	*
*	*	*	*

**1.5** Evidence of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. List them below and attach copies of support documents.

**1.6** Name, address, and telephone, telex, and fax numbers of the Bidders' bankers who may provide references if contacted by the Employer.

**1.7** Information on litigation history in which the Bidder is involved.

<b>Other party (ies)</b>	<b>Employer</b>	<b>Cause of dispute</b>	<b>Amount involved</b>	<b>Remarks showing present status</b>



**QUOTATION**

\*

Description of the Works:

**REPAIR & RENOVATION WORK IN SCIENCE PARK, CONCRETE LAB, CONSTRUCTION LAB AND AUTOMOBILE LAB (TEQIP-II/MP/MP1G02/602)**

To:

**The Director  
Office of the Director  
Samrat Ashok Technological Institute  
(Engg. College), Civil Lines,  
Vidisha (M.P.) 464001 India**

Subject : REPAIR & RENOVATION WORK IN SCIENCE PARK, CONCRETE LAB, CONSTRUCTION LAB AND AUTOMOBILE LAB (TEQIP-II/MP/MP1G02/602)

Reference: Letter No.....dated.....from.....

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith at ..... percentage above / below the estimated rates, i.e., for a total Contract Price of -

Rs.\*\* \_\_\_\_\_ [in figures]

Rs. \_\_\_\_\_ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature : \_\_\_\_\_ Date: \_\_\_\_\_

Name & Title of Signatory : \_\_\_\_\_

Name of Bidder : \_\_\_\_\_

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

\* To be filled in by the Employer before issue of the Letter of Invitation.

\*\* To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

LETTER OF ACCEPTANCE  
CUM NOTICE TO PROCEED WITH THE WORK

(LETTERHEAD OF THE EMPLOYER)

Dated : \_\_\_\_\_

[Name and address of the Contractor]

To : \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs,

This is to notify you that your Quotation dated \_\_\_\_\_ for execution of the \_\_\_\_\_ for the contract price of Rupees \_\_\_\_\_ [amount in words and figures], is hereby accepted by us.

You are hereby requested to furnish performance security for an amount of Rs. \_\_\_\_\_ (equivalent to 3% of the contract price) within 15 days of the receipt of the letter. The Performance Security in the form of Bank guarantee or a Bank draft in favour of .....(Employer) shall be valid till the expiry of the period of maintenance i.e. upto \_\_\_\_\_. Failure to furnish the Performance Security will entail cancellation of the award of contract.

You are also requested to sign the agreement form and proceed with the work not later than \_\_\_\_\_ under the instructions of the Engineer, \_\_\_\_\_ and ensure its completion within the contract period.

With the issuance of this acceptance letter and your furnishing the Performance Security, contract for the above said work stands concluded.

Yours faithfully,

Authorized Signature  
Name and title of Signatory

## Draft Agreement form for Construction through National Shopping

### ARTICLES OF AGREEMENT

This deed of agreement is made in the form of agreement on \_\_\_\_\_ day \_\_\_\_\_ month \_\_\_\_\_ 199 \_\_\_\_, between the \_\_\_\_\_ (Employer) or his authorized representative (hereinafter referred to as the first party) and \_\_\_\_\_ (Name of the Contractor), S/O \_\_\_\_\_ resident of \_\_\_\_\_ (hereinafter referred to as the second party), to execute the work of construction of \_\_\_\_\_ (hereinafter referred to as works) on the following terms and conditions.

#### 2. Cost of the Contract

The total cost of the works (hereinafter referred to as the "total cost") is Rs. \_\_\_\_ as reflected in Annexure - A.

#### 3.1 Payments under its contract:

Payments to the second party for the construction work will be released by the first party in the following manner:-

<b>Monthly Part Payment 1 (30 Days)</b>	:	Maximun 60% of total cost on review of work progress
<b>Monthly Part Payment 2 (60 Days)</b>	:	Remaining 40% of total cost on completion of whole work

*(The above has been drafted for construction of school buildings; modify this suitably for other works)*

**3.2** Payments at each stage will be made by the first party:

- on the second party submitting an invoice for an equivalent amount ;
- on certification of the invoice (except for the first installment) by the engineer nominated by the first party with respect to quality of works in the format in Annexure - B; and
- upon proper and justified utilization of at least 50 % of the previous installment and 100 % of any prior installment.

#### 4. Notice by Contractor to Engineer

The second party, on the works reaching each stage of construction, issue a notice to the first party or the Engineer nominated by the first party (who is responsible for supervising the contractor, administering the contract, certifying the payments due to the contractor, issuing and valuing variations to the contract, awarding extensions of time etc.), to visit the site for certification of stage completion. Within 15 days of the receipt of such notice, the first party or the engineer nominated by it, will ensure issue of stage completion certificate after due verification.

#### 5. Completion time

The works should be completed in **60 Days** from the date of this Agreement. In exceptional circumstances, the time period stated in this clause may be extended in writing by mutual consent of both the parties.

**6.** If any of the compensation events mentioned below would prevent the work being completed by the intended completion date, the first party will decide on the intended completion date being extended by a suitable period:

- The first party does not give access to the site or a part thereof by the agreed period.

- b) The first party orders a delay or does not issue completed drawings, specifications or instructions for execution of the work on time.
  - c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of letter of acceptance and from information provided to second party or from visual inspection of the site.
  - d) Payments due to the second party are delayed without reason.
  - e) Certification for stage completion of the work is delayed unreasonably.
- 7.** Any willful delay on the part of the second party in completing the construction within the stipulated period will render him liable to pay liquidated damages. @ Rs.\* per day which will be deducted from payments due to him. The first party may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 10% of the contract amount.  
**(Note : The amount of liquidated damages per day should be determined at 0.07 % of the contract value of the works and indicated here).**

**8. Duties and responsibilities of the first party**

- 8.1** The first party shall be responsible for providing regular and frequent supervision and guidance to the second party for carrying out the works as per specifications. This will include written guidelines and regular site visit of the authorized personnel of the first party, for checking quality of material and construction to ensure that it is as per the norms.
- 8.2** The first party shall supply 3 sets of drawings, specifications and guidelines to the second party for the proposed works.
- 8.3** Possession of the site will be handed over to the second party within 10 days of signing of the agreement.
- 8.4** The Engineer or such other person as may be authorized by the first party shall hold meeting once in a month where the second party or his representative at site will submit the latest information including progress report and difficulties if any, in the execution of the work. The whole team may jointly inspect the site on a particular day to take stock of activities.
- 8.5** The Engineer shall record his observations/instructions at the time of his site visit in a site register maintained by the second party. The second party will carry out the instructions and promptly rectify any deviations pointed out by the engineer. If the deviations are not rectified, within the time specified in the Engineer's notice, the first party as well as the engineer nominated by it, may instruct stoppage or suspension of the construction. It shall thereupon be open to the first party or the engineer to have the deviations rectified at the cost of the second party.

**9. Duties and responsibilities of the second party**

- 9.1** The second party shall :
  - a) take up the works and arrange for its completion within the time period stipulated in clause 5;
  - b) employ suitable skilled persons to carry out the works ;
  - c) regularly supervise and monitor the progress of work ;
  - d) abide by the technical suggestions / direction of supervisory personnel including engineers etc. regarding building construction ;
  - e) be responsible for bringing any discrepancy to the notice of the representative of the first party and seek necessary clarification ;
  - f) ensure that the work is carried out in accordance with specifications, drawings and within the total of the contract amount without any cost escalation ;
  - g) keep the first party informed about the progress of work ;
  - h) be responsible for all security and watch and ward arrangements at site till handing over of the building to the first party ; and

- i) maintain necessary insurance against loss of materials/cash, etc. or workman disability compensation claims of the personnel deployed on the works as well as third party claims.
- f) Pay all duties, taxes and other levies payable by construction agencies as per law under the contract (First party will effect deduction from running bills in respect of such taxes as may be imposed under the law).

## **10. Variations / Extra Items**

The works shall be carried out by the second party in accordance with the approved drawings and specifications. However, if, on account of site conditions or any other factors, variations are considered necessary, the following procedure shall be followed:-

- a) The second party shall provide the Engineer with a quotation for carrying out the Variation when requested to do so by the Engineer. The Engineer shall assess the quotation, which shall be given within seven days of the request before the Variation is ordered.
- b) If the quotation given by the second party is unreasonable, the Engineer may order the Variation and make a change to the Contract Price which shall be based on Engineer's own forecast of the effects of the Variation on the Contractor's costs.
- c) The second party shall not be entitled to additional payment for costs which could have been avoided by giving early warning.

## **11. Securities**

The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Employer. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee.

## **12. Termination**

12.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

12.2 Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the contractor stops work for 28 days and the stoppage has not been authorized by the Engineer;
- (b) the Contractor has become bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a security which is required;

12.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.

12.4 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

## **13. Payment upon Termination**

13.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done less advance payments received up to the date of the issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law.

- 13.2 If the Contract is terminated at the Employer's convenience, the Engineer shall issue a certificate for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract and less taxes due to be deducted at source as per applicable law.

**14. Dispute settlement**

If over the works, any dispute arises between the two parties, relating to any aspects of this Agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation.

In the event of agreement not being reached, the matter will be referred for arbitration by a Sole Arbitrator not below the level of retired Superintending Engineer, PWD to be appointed by the first party. The Arbitration will be conducted in accordance with the Arbitration and Conciliation Act, 1996. The decision of the Arbitrator shall be final and binding on both the parties.

**BILL OF QUANTITIES**

<b>(A) Repair &amp; renovation work in Science Park under TEQIP-II</b>						
SN	Particulars	Qty	Unit	Rate		Amount
				In Figures	In words	
1.	Demolishing brick work manually by mechanical means including staking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer in charge. In cement mortar	5.60	Cum	Three hundred eighty four point seven three	384.73	2154.00
2.	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead	280.00	Sqm	Ten point two seven	10.27	2875.00
3.	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm. on plan) including dressing of sides and ramming of bottom disposal of excavated earth. Lead up to 50m and lift up to 1.5m disposed earth to be leveled and neatly dressed. (No. extra lift is payable if work is done by mechanical means) All kinds of soil.	5.00	Cum	One hundred one point nine one	101.91	509.00
4	Providing and laying position cement concrete of specified grade excluding the coat of centering and shuttering – All work up to plinth level : Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M – 7.5)	2.40	Cum	Two thousand seven hundred forty four point four six	2744.46	6586.00
5	Providing and laying position specified grade reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the coat of centering, shuttering, finishing and reinforcement – All work up to plinth level : M 20 – Grade Concrete.	1.77	15.50	Four thousand twenty one	4021.00	7118.00
6.	Reinforcement for R.C.C. work including straightening, cutting bending placing in position and binding including cost of binding wire up to floor two level including all wastage etc. complete. Thermo-Mechanically Treated bars. (TMT)	179.00	Kg	Forty nine point six nine	49.69	8894.00
7.	Centering and shuttering including strutting, propping etc. and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete up to plinth level.	15.50	Sqm	One hundred thirty seven point four six	137.46	2130.00

8.	Brick work with well brunt open bhatta, bricks, crushing strength not less than 25Kg./cm <sup>2</sup> and water absorption not more than 20% in foundation and plinth i/c curing etc. complete. Cement Mortar 1:6 (1 cement : 6 sand)	6.20	Cum	Four thousand one hundred fifty five	4155.00	25761.00
9.	40 mm thick fine dressed stone flooring over 20 mm (average) thick base of cement mortar 1:5 ( 1 cement : 5 sand) with joints finished flush. Red sand stone.	14.60	Sqm	Four hundred fifty six point six two	456.62	6666.00
10.	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement : 4 sand )	330.00	Sqm	One hundred twelve point nine seven	112.97	37280.00

**(B) Provision of glazed tile on platform of concrete & construction lab**

11.	Providing and laying Ceramic glazed floor tiles of any size (9-10mm thickness) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigment etc., complete.	20.44	Sqm	Six hundred thirty six point three zero	636.30	13005.00
12.	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (6-7mm thickness) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 sand) and jointing with grey cement slurry	6.50	Sqm	Six hundred fifty five point nine zero	655.90	4263.00

**(C) Construction of platform for proposed Automobile Lab. in Workshop**

13.	Brick work with well burnt open bhatta bricks in bulls patent trench kiln, crushing strength not less than 25kg /sq.cm and water absorption not more than 20% in foundation and plinth Cement Mortar 1:6 (1cement: 6 sand).work at ground floor level	14.41	Cum.	Three thousand four hundred eighty	3480.00	50146.00
14.	Kota / cuddapah stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 sand) : 25 mm thick.	29.57	Sqm	Eight hundred thirty four point four zero	834.40	25006.00
15.	Kota /cuddapahstone slabs 25 mm thick in risers of steps,skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 sand) and jointed with grey cement slurry mixed with pigment to match	14.94	Sqm	Eight hundred nine point six zero	809.60	12095.00



	the shade of the slabs, including rubbing and polishing complete.					
--	---	--	--	--	--	--

**Gross Total Cost : Rs. 204000.00**

We agree to execute the works in accordance with the approved drawings and technical specifications

at .....(Rates in Figure).....(Rates in words) percentage above/ below the estimated rates, i.e., for a total contract price of Rs. ....(amount in figures) (Rs. .... amount in words).

**Signature of Contractor**

**Format of certificate**

Certified that the works up to ----- level in respect of construction of ----- at ----- have been executed in accordance with the approved drawing and technical specifications.

Signature

Name & Designation

(Official address)

Place :

Date :

Office seal

