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Accredited By NAAC

# SHIVAJI UNIVERSITY, KOLHAPUR

## Department of Technology

Tel: 0231-2020300 E-mail: director.tech@unishivaji.ac.in

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

To

Dear Sirs,

Sub : INVITATION FOR QUOTATIONS FOR CONSTRUCTION OF  
**Laboratory Renovation**

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>Laboratory Renovation in the department</b>	<b>920000</b>	<b>90</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 Maharashtra state is being implemented by Department of Technology Shivaji University Kolhapur, which is an autonomous institute.
4. To assist you in the preparation of your quotation, we are enclosing the following:
  - i. Layout Drawings of the works;
  - ii. Structural Details;
  - iii. Detailed Bill of Quantities, with estimated rates and prices;
  - iv. Technical Specifications;
  - v. Instructions to Bidders (in two sections).
  - vi. Draft Contract Agreement format, which will be used for finalizing the agreement for this Contract.
5. You are requested to provide your offer latest by **16:00 hrs. on 25-Sep-2015**
6. Quotations will be opened in the presence of Bidders or their representatives who choose to attend at **16:00 AM/PM on 25-Sep-2015** in the office of **Department of Technology, Shivaji University Kolhapur Maharashtra**
7. We look forward to receiving your quotations and thank you for your interest in this project.

<sup>1</sup> Delete if inapplicable

Name: Authorized Signatory  
**Department of Technology, Shivaji  
University, Kolhapur**

Address:  
**Department of Technology, Shivaji  
University Kolhapur Maharashtra**

Tel. No:  
**0231-2020300**

Fax No.

## Instructions to Bidders

### SECTION - A

#### 1. Scope of Works

The **Department of Technology, Shivaji University, Kolhapur** 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>Laboratory Renovation in the department</b>	<b>920000</b>	<b>90</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:-

- Total monetary value of construction works performed for each year of the last 3 years;
- Income tax clearance certificate from the concerned IT circle;
- Report on his financial standing; and
- 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:-

- 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;
- 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);
- 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

- 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.
- All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
- 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.
- 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 :-

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

**5.4** The bidder shall seal the quotation in an envelope addressed to the **Department of**

**Technology, Shivaji University Kolhapur Maharashtra** (Purchaser). The envelope will also bear the following identification:-

- Quotation for **Laboratory Renovation** (Name of the Contract)
  - Do not open before **16:00 25-Sep-2015** (time and date of quotation opening).
- 5.5** Quotations must be received in the office of the **Department of Technology, Shivaji University, Kolhapur** (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.
- 1.6** Any quotation received by the **Department of Technology, Shivaji University, Kolhapur**, (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 **55** 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.
- 10.2** 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 **Department of Technology, Shivaji University, Kolhapur** (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.

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## **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 construction work performed in the last three years (in Rs. Lakhs)

	19__	
	19__	
	19__	

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.

Sections of the works	Value of Sub-contract	Sub-contractor (name & address)	Experience in similar work
*	*	*	*
*	*	*	*
*	*	*	*
	*	*	

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.

Other party (ies)	Employer	Cause of dispute	Amount involved	Remarks showing present status



**QUOTATION**

\*

Description of the Works:

To:

Subject : Construction of .....  
.....

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:-

On signing of agreement	:	25% of total cost
On reaching plinth level (first stage)	:	25% of the total cost
On reaching lintel level (second stage)	:	25% of the total cost
On reaching roof level (third stage)	:	15% of the total cost
Plastering and completion of whole work (fourth stage)	:	10% of the total cost

***(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 \_\_\_\_\_ (months/weeks/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.
- 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

**Name of Work : Laboratory Renovation of Dept. of Technology, Shivaji University Kolhapur.**

Sr. No.	ITEM	QTY.	UNIT	RATE	AMOUNT
1	Filling in plinth and floors with contractors soil sand or murrum in 15 cm to 20 cm layers including watering and compaction ..... Etc complete, DSR 2014-15 10/1 BDA 11	14.85	CuM.		
2	Providing & laying in situ, cement concrete in M 10 of trap/ granite/gneiss metal for foundation and bedding including bailing out water...etc complete. DSR 2014-15 1a/4 BDE 1	4.6	CuM.		
3	Providing & laying vitrified mirror/glossy finish tiles of RAK/ Kajaria/Nitco/Asian or equivalent make of size 590 to 605 mm X 590 to 605 mm.....etc complete DSR 2014-15 19A b/12 BDM 12	32	SqMt.		
4	Providing hydraulic portable breaker for breaking of concrete foundations. DSR 2014-15 Machinery rate 54/276	5	Hour		
5	Providing mazdoor (unskilled heavy male) for shifting of dismantled concrete DSR 2014-15 Labour rate 36/274	2	Day		
6	Providing and fixing Garware scratch resistant film to window panes of classrooms with cleaning etc. complete. As per instructions	325.00	SqMt.		
7	Providing and fixing collapsible steel gate in one / two leaves with hot rolled vertical channels of 18 x 9 x 3 mm minimum size, crossings of M.S. flats of size 18 x 5 mm T or E section for runner of minimum 40 x 6 mm size for flange, M.S. flat for top runner of minimum size 40 x 12 mm with roller wheels conforming to grade F.G. 150 fitted with snap headed rivets of minimum size 6 mm max. spacing of vertical channels be 100 mm enclosed gate position and clear space of 150 mm between two sets of crossings with hold fasts, stoppers, spaces, handles, locking arrangement and one coat of red lead primer & oil painting etc. complete. (I.S. 10521-1983). Spec. No.: Bd.T.57, Page No. 511	6.30	SqMt.		
8	Providing and fixing welded mesh of 11 gauge wires having mesh size 50 mm x 25 mm including M.S Angle frame of size 35 mm x 35 mm x5 mm in position with oil painting 3 coats etc. complete. Spec. No.: As directed by Engineer Incharge	16.20	SqMt.		
9	Providing & fixing shutters for Storage space below window in 3"x1.5" T.W. Framing and 19 mm thk. Comm. Plywood for shutters with 1mm thk mica finished and french polish on all other area except laminated area as per design with all necessary fittings, fixtures etc. complete.	500.00	Sq.Ft.		
10	Providing and fixing of wooden stage in 2" X 2" teak wood frame for top, bottom and vertical supports and 30 mm thk commercial blockboard fixed on top and front covered with approved make wollen loop pile carpet 5mm thk. with nylon backing all necessary fitting and fixtures as per design, etc.complete.	550.00	Sq.Ft.		

11	Providing and fixing wooden Podium in 19mm thk. Plywood for top, side, front with laminate finish and french polish on inner surfaces, with 12mm thk. Float glass with itchingas per design with all necessary fittings and fixtures etc. complete. (Refer Dwg.- 3).	9.00	No.		
12	Providing and fixing colour coated Zinalume ( R ) AZ150 ( min 150 gms/sq.mt. total on each side ) profiled sheets for roofing. The feed material is manufactured out of nominal 0.45mm Base Metal Thickness ( BMT ) (0.5mm TCT ), Hi-strength steel with min.550 MPa yield strength, metallic hot dip coated with Aluminium-Zinc alloy (55% aluminium 43.4% zinc 1.6% silicon) with COLORBOND ( R ) steel quality super durable polyester paint coat ( with inorganic pigment). The paint shall have a total coating thickness of nominal 35 um, comprising of nominal 25 um exterior coat on top surface and nominal 10 um reverse coat on back surface. Profile sheet shall have nom. 950-1050 mm effective cover width and nominal 25-30 mm deep ribs with subtle square fluting in the five pan at nominal 180-250 mm center-to-center. The end rib shall be designed for anti-capillary groove. & return leg. The feed material should have coil manufacturers product details marked at regular interval. Including fasteners with min. fastened with min. 25 um Zinc-Tin alloy coated, Hex head, self-drilling screw etc. complete. (weight of profile 4.52 kg/sqm) Spec. No.: As directed by Engineer in charge.	45.00	SqMt.		
13	Providing, hoisting and fixing in position mild steel Tubular Trusses of required span as per drawing and design including purlins, wind bracing, runners, gusset plates foundations bolts including painting 3 coats of oil paint approved quality and shade, scaffolding etc. complete as per ISI specifications. Spec. No.: B-18 Page No. 78	0.50	M.T.		
14	Providing and fixing table tops in 19mm thk. Commercial ply. With Postforming and round edges/ edge cut with necessary hardware, etc, complete	120.00	Sq.Ft.		
15	Providing internal cement plaster 20mm. thick in two coats in cement mortar 1:5 without neeru finish, to concrete, brick surface, in all positions including scaffolding & curing complete. Spec. No.: Bd.L.4, Page No. 368	5.00	Sq. M.		
16	Providing and fixing mild steel grill work for windows, ventilators etc. 15 Kg/ Sq.M. as per drawing including fixtures, necessary welding and painting with one coat of anticorrosive paint and two coats of oil painting complete.	60.00	Sq.M.		
17	Providing & fixing in position anodised extruded aluminium partitions, partly glazed and partly laminated tubular section of size 40mm x 60mm with 12mm thick three layered flat pressed teak wood particle board bonded with BWP exterior grade phenol formaldehyde synthetic resin conforming to IS 12823-1990, laminated on both sides, novateak or equivalent and 5mm thick selected quality plain/float glass panels fixed with aluminium glass clips 12mm x 12mm and rubber cushioning beading to glass partitions as per approved drawing etc. complete Spec.: As directed by Engineer incharge.	52	SqMt.		
	<b>TOTAL</b>		<b>Rs</b>		



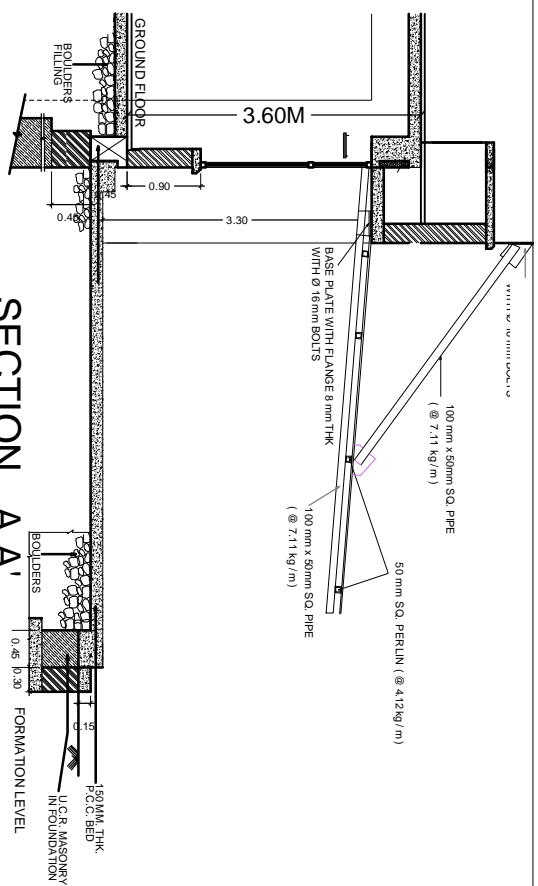
**BILL OF QUANTITIES**

Sl. No.	Description of Work	Qty.	Unit	Estimated Cost (Rs.)		Amount
				In figure	In Words	

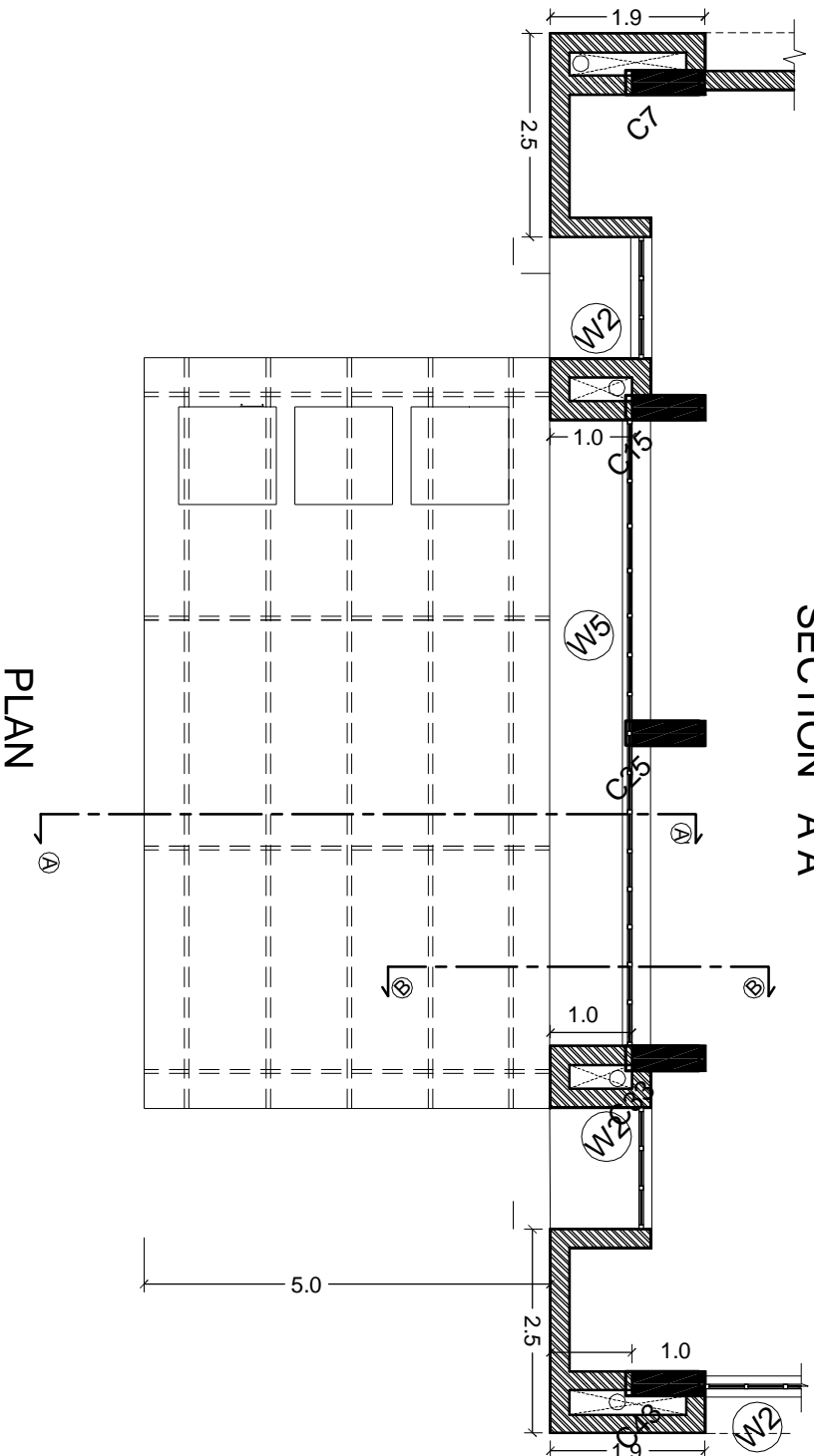
**Gross Total Cost : Rs. ....**

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



SECTION A A'



PLAN

PROPOSED LAB EXTN. WORK OF DEPT. OF  
TECHNOLOGY, SHIVAJI UNIVERSITY, KOP.

JOB NO.-  
DRAWING NO.-01  
DATE:18/10/2014  
SCALE:  
DETAIL BY:

II SHUBHAM II  
ARCHITECTS AND ENGINEER  
904 / 2 / 3A, RAMAN MALA,  
KOLHAPUR - 416 003.  
PHONE NO. - 0231/2660303.

AR. SANGITA BHAMBURE

**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