



Rayat Shikshan Sanstha's

**KARMAVEER BHAURO PATIL
COLLEGE OF ENGINEERING SATARA**

TENDER DOCUMENT

FOR

Supply of Equipments/apparatus for Various Laboratories
of

Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of
Engineering, Satara

**Last date for submission of Sealed Tender: 11th December 2019
up to 5.00 PM**

**Opening of Sealed Tenders (Technical Bid):
at 3.00PM on 13th December 2019**

Tender to be submitted to:

The Principal

Rayat Shikshan Sanstha's,

Karmaveer Bhaurao Patil College of Engineering, Satara

Contractor should provide their:

Name of the Firm/Agency: _____

Contact Person: _____

E- MAIL id: _____

Contact Nos: _____

Postal address: _____

GSTIN: _____

Karmaveer Bhaurao Patil College of Engineering, Satara

NOTICE INVITING TENDER (NIT)

NAME OF WORK: Supply of Equipments/apparatus for Various Laboratories of Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara

Sealed tenders are invited for the above mentioned work from eligible agencies / contractors / firms.

The Technical-Bid and Price-Bid should be in sealed cover with the name of the work and technical-bid/ Price-bid (As the case may be) clearly written on each sealed covers.

1	Name of the work	Supply of Equipments/apparatus for Various Laboratories of Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara
2	Date and Time where tender forms are available for sale (Price : Rs.500/-) (From 05-12-2019 to 11-12-2019)	From 11.00 AM on 05-12-2019 to Up to 5.00p.m on 11-12-2019
3	Time and last date of submission of Tender	Up to 5.00p.m on 11-12-2019
4	Place, Time & Address for submission of tender/contact person /telephone no/email address.	The Principal, Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara Tel : 02162-230636
5	Date, Time and Place of opening of tenders. (Tech. bid on 13.12.2019 price bid on 13.12.2019).	Technical bid on 13.12.2019 at 3.00pm and Price bid after Tech. bid scrutiny.
6	Earnest Money Deposit (EMD) Payable at Satara	Rs 10,000/- (DD-Drawn in Favour of The Principal Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara.
8	Terms of payment of Bills, if any (specify the minimum value of work for payment of running account bills)	Not Specified
9	(Penalty clause) Liquidated Damages	In case of delay a penalty @ the rate of 1% of the value of the work per week subject to a maximum of 10% (as per the value of work) would be strictly imposed.

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11	Stipulated time for completion of the work/supply.	30 DAYS.
12	Validity period of the tender.	Three (3) Months.
13	GST	GST as applicable
13 (a)	Income tax	Income tax deduction at source would be by the college before releasing any payment to the contractor. As applicable for individual and partnership firms

Dully filled-in Tender Document (Technical Bid and Price Bid) shall bear the signature and seal of contractor on all pages (otherwise the tender shall be summarily rejected) and such tender document shall be submitted in sealed cover addressed to THE PRINCIPAL, KARMAVEER BHAURAO PATIL COLLEGE OF ENGINEERING, SATARA; on or before the Date & Time stipulated above.

The D.D. / B.C. of E.M.D. shall be submitted along with the Technical Bid in the sealed cover (otherwise the tender shall be summarily rejected) rates including the GST/Service Tax as applicable for the services quoted for. The contractor has to/must provide their E-mail id, contact nos. and postal address on both bid documents. Henceforth, all official communication from college shall be through E-mail and SMS also.

The name of work as "**Supply of Equipments/apparatus for Various Laboratories**" for Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara should be clearly subscribed on respective sealed cover of technical bid and price bid. Content/ paper/ sheet/ drawing should not be either altered or detached from the original tender document issued.

The tender shall be summarily rejected, if any one of the above said requirements has not been complied with.

The college reserves the right to cancel or postpone or modify the tenders at any stage without assigning any reason.

**The Principal
Rayat Shikshan Sanstha's,
Karmaveer Bhaurao Patil
College of Engineering, Satara**

Karmaveer Bhaurao Patil College of Engineering, Satara

NOTICE INVITING TENDER

M/S _____

E-mail id: _____ Contact nos.: _____

Dear Sirs,

Sealed tenders are invited for "**Supply of Equipments/apparatus for Various Laboratories**" for Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, and Satara are invited from reputed contractors / Firms.

1. Contract documents consist, detailed plans, technical specification, schedule of quantities of the various classes of work to be done, and the set of 'conditions of contract' to be compiled with by the person whose tender may be accepted.
2. Tenders which should always be placed in one envelope, with the name of the project written on the envelopes will be received till 11-12-2019 up to 5 PM in the office of Principal, Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara.
3. The contractors should quote in figures as well as in the words the rates, and amount tenders by them. The amount for each item should be worked out and the requisite totals given. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates, figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall be taken as correct. If the contractor does not work out the amount of an item or it does not correspondent with the rate written either in figure or in words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly the rates quoted by the contractor will be taken as correct and not the amount.
4. The tender document must be filled in English and all the entries must be made by the hand and Written in ink. If any of the documents are missing or un-signed, the tender shall be considered invalid.
5. Earnest money amounting to Rs 10,000/- is to be deposited with the tender in the form of Demand Draft / Banker's Cheque payable at Satara and drawn in favor of The Principal, Karmaveer Bhaurao Patil College of Engineering, Satara, otherwise the tender is liable for rejection.
6. The acceptance of a tender will rest with the Competent Authority, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received, without assigning any reasons. All tenders in which any of the

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prescribed conditions are not fulfilled, or are incomplete in any respect are liable to be rejected.

7. Tender containing any condition leading to unknown / indefinite liability, are liable to be summarily rejected.
8. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to be rejected.
9. The tenderer should quote their (own) rates for undertaking the work.
10. Time is the essence of the contract. The work should be completed in 30 DAYS from the date of the work order issued to the contractor to commence the work. The successful Contractor will have to give CPM/PERT chart of various activities of works to be done so that the work gets completed within the stipulated time. The chart shall be submitted within 7 days from the date of acceptance of the tender.
11. It will be obligatory on the part of the tenderer to tender and sign the tender documents for all the component parts and that, after the work is awarded, he will have to enter into an agreement for each component with the competent authority in the College.
12. The tenderer should visit the site to ascertain the working conditions and local authority regulations / restrictions if any and other information required for the proper execution of the work.
13. The work may be carried out on floor level as per site condition. Please note that materials and machines are required to be carried on head load and the same must be accounted in the costing. Please note that no separate cost shall be allowed for head load.
14. The quantities of various items given in the schedule of quantities are approximate. The quantities of work may vary at time of allotment / execution of work. College reserves the right to omit / delete any item(s) of work from the schedule at the time of allotment / before. Contractor will be paid for the actual work done at the site duly verified by the concerned official of the College.
15. The unit price shall be deemed to be fixed price. In case of extra items, a record of labor charges paid shall be maintained and shall be presented regularly to the Employer's for checking. The settlement will be made based on figures arrived at jointly and taking unit price given in the contract assigned to the successful Tenderer. In case of extra items where similar or comparable items are quoted in the tender, extra rates shall be based on tender rates.

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16. The work has to be started within 7 (Seven) Days from the date of receipt of work order/ mark out at site; whichever is later. In case of work not being started within this stipulated period, the College reserves the right to cancel the work order duly forfeiting the Earnest money deposit.
17. No employee of the College is allowed to work as a contractor for a period of two years of his/her retirement from College Services without previous permission of the College. This contract is liable to be cancelled, if either the contractor or any of his employees is any time to be such a person who had not obtained the permission of College as aforesaid before submission of the tender or engagement in the contractor's service.
18. Contractor should get approval of the samples of materials in advance with College's Architect/Engineer/Authorities before use of the same in the work.
19. College has the right to offer the contractor to modify the old material wherever/ whenever necessary instead of new supplies.
20. The tenders shall be summarily rejected, if any one of the above said requirements has not been complied with.
21. The College will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reason whatsoever.
22. The contractor should fulfill the labor regulation guidelines stipulated by the governments
23. No advance payment will be granted for the works proposed
24. Period of taking up the final bill will be one month from/ after satisfactory virtual completion or the date of submission of the final bill whichever is later.
25. Extra item may be included in this works and contractor will be paid separately for that as per market rates, which shall be decided in advance.

Note: All the above points applicable for the should be understood and its acceptance should be given by the contractor.

**The Principal
Rayat Shikshan Sanstha's,
Karmaveer Bhaurao Patil
College of Engineering, Satara**

Read, Understood, and Accepted

Signature of the Contractor with Seal

Date:

Karmaveer Bhaurao Patil College of Engineering, Satara**GENERAL SPECIFICATIONS**

Unless specified otherwise and whether specified in the schedule of quantity or not, the contractor shall adhere to following general specification/ guideline for the items of schedule of quantities.	
1	For any type of deviation (to any of above or subsequent instructions), contractor has to procure/ obtain the written instruction of the -in-charge for the purpose otherwise shall not do.
2	Any discrepancy in the site conditions shall be brought to the notice of the in charge.
3	The contractors shall visit the site and understand themselves the site conditions, the possible working hours and the resources available, etc., before quoting for the tender.
4	The site being working premises, work shall be carried out in a phased manner, after the office hours and on holidays. The premises shall be left clean for the daily functioning. No additional cost shall be considered for this factor.

**LIST OF APPROVED MANUFACTURERS / NATURAL SOURCES OF MATERIALS TO BE
USED IN THE CIVIL WORKS SUBJECT TO THE APPROVAL OF SAMPLES BY THE
EMPLOYER**

Approved Brands/ Makes of Materials Brands are to be used in the sequence mentioned.		
Sr. No.	Materials	Brands
1	as per rate sheet	as per rate sheet

Note:

The contractor shall use only above mentioned material or the equivalent make of which Prior written approval is obtained from the Engineer-in-charge. All materials shall confirm to Laid down specifications. The contractor shall take this into account while tendering rates / Prices.

Read, Understood, and Accepted

Date:

Signature of the Contractor with Seal

Karmaveer Bhaurao Patil College of Engineering, Satara

DECLARATION

I/We have inspected the site of Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College of Engineering, Satara and I/We have made me/ us fully acquainted with the local conditions in and around the sites of works and Lay out drawings of works, drawings of each items etc. complete.

I/We hereby declare that I/ We have carefully gone through the conditions laid down in the Notice Inviting Tender, General notes, General Conditions of Contract, Special conditions, Schedule of approximate quantities and rates, Form of Agreement, General Specification, Approved manufacturers/ natural source of materials (i.e. all parts of Technical bid), Technical Specifications of schedule of quantities (i.e. all parts of Price bid), and clearly understood all the same and on the basis of the same I/ We have quoted our rates in the Schedule of Quantities (i.e. Price-Bid, Part-II Tender document) attached with the tender documents.

I/ We hereby declare that, in particular during execution of all works at site; it will be my/ our sole responsibility to strictly adhere to/ meticulously follow the General Specification, Approved manufacturers/ natural source of materials, Technical Specifications of schedule of quantities, all drawings of layout and items.

For any type of deviation (to any of above or subsequent instructions), it will be my/ our responsibility to obtain the written instruction of the Engineer-in-charge for the same failing which it shall be deemed that I have carried out any such deviations at my own and I shall be duty bound to replace the all deviated material/ works from the site at my/ our cost as well as I shall be liable to penalized by the employer as deemed fit and for all such loses made thereof, I/ we shall not have any right to arbitrate in any manner.

I/ We hereby declare that I/ We shall obtain necessary drawings of items from employer in time and also shall uniformly maintain such progress as may be directed by the employer to ensure completion of same within the target date/ time as mentioned in the tender document.

Date:

Signature and seal of Contractor/ Tenderer

Witness:

1.

Karmaveer Bhaurao Patil College of Engineering, Satara**A. QUOTE FOR SUPPLY OF EQUIPMENTS/APPARATUS FOR
METROLOGY & QUALITY CONTROL LABORATORY**

Sr. No.	Description	Make	Unit	Rate	GST		Amount With GST
					%	Amount	
1.	Granite Surface Plate Grade 450 x 450 m.m.	--	01				
2.	Surf test SJ 210 Surf test SJ 210 with attachment for holding on height gauge, Mitutoyo Surf test SJ 210 Standard drive unit type	Mitutoyo	01				
3.	Specification for Profile Projector Screen: Vertical Glass screen, Up to 300 mm with cross-lines. Magnification: 10x, 20x X Y range 50 x 50 mm L.C. minimum 0.01 mm.	Accurate	01				
4.	Pneumatic Comparator with & without air compressor For testing Internal & External Diameter with accessories of setting rings. L.C. 0.001 mm	Accurate	01				
5.	Gear Rolling Tester Checking Composite error, tooth to tooth error for spur and helical gear	Accurate	01				
6.	Vernier Caliper Range 0-130 , 0-150 mm,	Mitutoyo / Accurate	01				
7.	Tool Maker's Microscope X-Y stage travel range 50 x 50 mm, Magnification 30X Angle reading 360 Degree Measurement head- Micrometer head Optical tube- Reticle broken cross hair	Mitutoyo / Accurate	01				
8.	Adjustable snap gauge 0-25, 25-50 mm	Mitutoyo / Accurate	01				

Date:

Signature and seal of Contractor/ Tenderer

Karmaveer Bhaurao Patil College of Engineering, Satara**B. QUOTE FOR SUPPLY OF EQUIPMENTS/APPARATUS FOR
CONCRETE TECHNOLOGY LABORATORY**

Sr. No.	Description	Make	Unit	Rate	GST		Amount With GST
					%	Amount	
1.	Concrete Test Hammer (Digital) 388 DG, with NCCBM Certificate Ref Std : IS 13311-1992(Part-2)	AIMIL	01				

**C. QUOTE FOR SUPPLY OF EQUIPMENTS/APPARATUS FOR
ENGINEERING MECHANICS LABORATORY**

Sr. No.	Description	Unit	Rate	GST		Amount With GST
				%	Amount	
1.	Centroid of Irregular Shaped Bodies [with all accessories and weights]	01				
2.	Simple Pendulum [with all accessories and weights]	01				
3.	Compound Pendulum [with all accessories and weights]	01				
4.	Inclined Plane to Determine Coefficient of Friction [with all accessories and weights]	01				
5.	Collision of Elastic Bodies to Determine Law of Conservation of Momentum [with all accessories and weights]	01				
6.	Moment of Inertia of Fly Wheel [with all accessories and weights]	01				
7.	Verification of Law of Machines using Screw Jack [with all accessories and weights]	01				
8.	Verification of Law of Machines using Worm and Worm Wheel [with all accessories and weights]	01				
9.	Verification of Law of Machines using Single Gear Crab [with all accessories and weights]	01				
10.	Verification of Law of Machines using Double Gear Crab [with all accessories and weights]	01				
11.	Verification of Law of Moments – Bell Crank Lever Apparatus	01				
12.	Verification of Triangle Law of Forces- Jib Crane Apparatus	01				
13.	Beam Support Reaction Apparatus	01				

Date:

Signature and seal of Contractor/ Tenderer