

**RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR (UP) INDIA  
224122**

Tender No: 05/REC/2015-16

**Tender Notice**

Director, REC Ambedkar nagar invites sealed Tenders from eligible bidders for supply and commissioning of Lab Equipments for different Departments of ***Rajkiya Engineering College , Ambedkar Nagar***. Separate tenders must be submitted at College for each package of following Departments:

- 1. Concrete / Building Material Laboratory of Civil Engg**
- 2. Machine shop of Workshop**
- 3. Physics**

The tender documents can be downloaded from the Institute website [www.mkrecit.ac.in](http://www.mkrecit.ac.in) and may be submitted by 29.02.2016 upto 02:00 PM. Tenders will be opened on the same day at 03:00 PM in the committee room of the college. Cost of tender document and EMD as mentioned in the tender document should be in the form of separate bank draft in favour of Director, Rajkiya Engineering College Ambedkar nagar payable at Ambedkar Nagar (U.P.). Director reserves all rights to reject any or all tenders without assigning any reason thereof.

**For Tender Cost, EMD, Specifications and other details please visit our website:  
[www.mkrecit.ac.in](http://www.mkrecit.ac.in)**

REGISTRAR

**RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR (UP) INDIA 224122**

**TENDER DOCUMENT**

No: REC/Tender-02/5/2015-16

Date: **06.02.2016**

Opening Date: **29.02.2016**  
Opening Time: **03.00 PM**  
Opening Place: **Committee Room**  
**REC Ambedkar nagar**

Sealed and separate tenders in duplicate in two parts i.e. tender bid-I and tender bid-II are herewith invited for ***Supply & Commissioning of Laboratory Equipments and other items at REC Ambedkarnagar*** along with earnest money amounting to Rs.... (Mentioned with package/unit) in the shape of Demand Draft of Nationalized/Scheduled Bank in favour of Director REC Ambedkar nagar (UP). Both envelopes should be kept in one big envelope. The tenders should reach to undersigned latest by **29.02.2016 at 2.00 PM.**

***Tenders are being invited to purchase and commissioning of equipments to establish various laboratories. Each laboratory will be treated as one package /unit. It is expected that a firm selected for the establishment of a laboratory shall supply all equipments of that laboratory. The firm will also complete the work of installation/ mounting and commissioning of these equipments. This include concrete foundation work (in case of heavy machines), electrical safety, electricity wiring in the laboratory to make these equipments functional.***

**Terms & Conditions:**

1. Details of equipments/ materials are as per bill of quantity attached.
2. Tenders should be submitted either in person or by post in sealed envelopes on which name of package/unit, tender number and date along with name and address of the firm will be written.
3. **TENDER BID-I** (Technical) shall contain (i) Tender cost (non refundable) (ii) Earnest Money (iii) Proof of PAN and TIN registration document (iv) Standing of the firm (v) Major supplies executed in recent past (vi) Authorized dealer certificate from OEM & Commercial terms and conditions.  
**TENDER BID-II** (Financial) shall contain rate schedule only. The rates must be quoted in both figures and words. Any overwriting and/or cutting must be duly attested failing which tenders are likely to be rejected.
4. All tenders received after due date and time will not be considered.
5. Price quoted should be F.O.R. **Rajkiya Engineering College Ambedkarnagar (UP).**
6. The detailed specifications and make of the equipments /material must be given.
7. The quoted items should strictly be in order of merit with serial number and metric unit otherwise the tenders are liable to be ignored.

8. Conditions regarding validity of tenders, delivery period, payment discount, warrantee and Guarantee Period, Trade Tax, Excise & Custom Duty and insurance etc. should be mentioned clearly. Net prices should be quoted.
9. No sales tax form "C" or "D" etc. for concessional rates shall be provided by the Institute.
10. The quoted rates should be valid for at least **six months** from the date of opening.
11. Tenders without sample wherever required may not be accepted.
12. In case of imported equipment, commission allowed to agents must be specifically mentioned.
13. Free demonstration shall be done in the Institute premises if required.
14. Insurance shall be done by the suppliers at their own cost.
15. Tenders without mentioned earnest money deposit will not be entertained.
16. Standing of the firm and major supplies in recent past with proof must be attached.
17. In case of dealers, authorized distributors, dealer's certificate from OEM is required.
18. Document through bank and advance payment on proforma invoice may not be accepted.
19. The quantity mentioned in bill of quantity against each items will be treated as provisional and it may be changed depending on actual requirement.
20. Payment will be made only after successful installation and operation in the concerned department after verification from the departments.
21. If the supply is not made within prescribe period the firm shall be liable to pay a penalty equal to 0.10% of value of purchase order per day. However this can be waved off by the Director under special circumstances. If the firm fails to supply the equipments earnest money deposit will be forfeited.
22. Deduction of TDS as per Govt. Rules.
23. Tenders will be opened in the presence of those who choose to be present on the opening date and time.
24. Any dispute will be subjected to Sultanpur (UP) Jurisdiction only.
25. Conditional tenders will not be accepted.
26. The Director reserves the right to accept or reject any or all tenders without assigning any reason.

REGISTRAR

REC Ambedkar nagar

**RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR UP INDIA 224122**

**TENDER DOCUMENT**

Bidders Proforma

Tender	Purchase and Commissioning of Equipments for <b>Concrete and Building Material Lab of Civil Engg Department</b>
Name of the firm with full address and contact number	
FOR	RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR UP INDIA 224122 (Located on Akbarpur-Tanda Road at 700 mt from collectrate Ambedkarnagar)
Cost of Tender Document	DD No: Amount: Bank: Date:  Drawn on favour of Director Rajkiya Engg College payable at Ambedkar nagar (UP)
Earnest Money Deposit	DD No: Amount: Bank: Date:  Drawn on favour of Director Rajkiya Engg College payable at Ambedkar nagar (UP)
PAN/TIN/TAN No	PAN: TIN: TAN: (Attach proof)
Original Equipment Manufacturers /Authorization Letter from O.E.M.	Attach proof
Turnover in the last three years	Attach proof
Details of Similar Work Executed during last Three years	Attach proof

Signature and Seal of Bidders

**Department of Civil Engineering**  
**Package –MKR/CE/08 –Concrete /Building Material Laboratory**

**Tender Cost: Rs. 200.00**

**EMD- Rs. 37600.00**

**Concrete / Building Material Laboratory:**

Sr. No	Name of Equipment	Specifications	Qty.	Unit Cost	Total Cost	Remarks
1	Aggregate crushing value app.	75 mm size as per IS: 2386 Part IV	02			
2	Aggregate crushing value app.	150 mm size as per IS: 2386 Part IV	02			
3	Sieve shaker (motorized)	Complete motorized set to shake the sieves of 30 cm size	02			
4	IS sieve set G.I frame 30 cm dia size 80, 63, 50, 40, 25, 20,16,12.5,10.8,6.3,4 .75 with lid receiver		1			
5	IS sieve set brass 20 cm dia		01			
6	Cube mould (Cast Iron)	7.06 mm (50 mm <sup>2</sup> )	10			
7	Cube mould (Cast Iron)	150 mm size	10			
8	Compression testing machine	Cap.-2000 KN , motorized with three unit gauge	1			
9	Flexure testing machine	Complete set as per IS : 9399	1			
	Slump test app.	Complete set as	5			

		per IS : 7320				
10	Cylindrical mould 15 cm dia X 30 cm height	15 cm dia X 30 cm height	5			
11	Vic at needle app Complete set	Complete set with mould, plunger & needle as per IS: 5513	5			
	AIM shrinkage bar mould briquette		5			
12	Density basket	Standard size with bulk density measuring cylinder as per IS 2386 part III	2			
13	Le chattelier mould app.	Complete set to determine soundness of cement as per IS: 5514	5			
	Basin enamel - 25 cm dia	25 cm dia	10			
	30 cm dia	30 cm dia	10			
14	Vibration table machine	Complete set for compacting the concrete as per IS requirement	1			
	Needle vibrator	Complete set for vibrating the concrete as per IS requirement	1			
15	Compaction actor app.	Complete set to determine	1			

		workability of concrete as per IS: 5515				
16	Beam mould & tamping bar	Complete set for flexure testing machine as per IS requirement	2			
17	Analytical balance Digital top pan 200/0.001gms	Digital top pan 200/0.001gms	1			
18	Air permeability app	(Blain Type) complete set as per IS: 5516	2			
19	Humidity cabinet	Size 24" x 24" x 36"	1			
20	U.T.M complete	Capacity 100 tonne complete set as per IS requirement	1			
21	G.I tray	Size 63 cm x 75 cm	10			
22	Hot Air Oven	Size 600 x 600 x 600 mm with digital temperature & air circulating fan	2			
23	Sedimentation pipette & jar app.	As per IS requirement	2			
24	Electronic balance cap 20 kg /1gms	cap 20 kg /1gms	2			
25	Vernier calipers imported	Imported	1			
	<b>Total</b>					

**RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR UP INDIA 224122**

**TENDER DOCUMENT**

Bidders Proforma

Tender	Purchase and Commissioning of Equipments for <b>Machine shop of Workshop</b>
Name of the firm with full address and contact number	
FOR	RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR UP INDIA 224122 (Located on Akbarpur-Tanda Road at 700 mt from collectrate Ambedkarnagar)
Cost of Tender Document	DD No: Amount: Bank: Date:  Drawn on favour of Director Rajkiya Engg College payable at Ambedkar nagar (UP)
Earnest Money Deposit	DD No: Amount: Bank: Date:  Drawn on favour of Director Rajkiya Engg College payable at Ambedkar nagar (UP)
PAN/TIN/TAN No	PAN: TIN: TAN: (Attach proof)
Original Equipment Manufacturers /Authorization Letter from O.E.M.	Attach proof
Turnover in the last three years	Attach proof
Details of Similar Work Executed during last Three years	Attach proof

Signature and Seal of Bidders



**WORKSHOP****Package –MKR/Com/04 – Machine Shop****Tender Cost: Rs. 200.00****EMD- Rs. 29000.00****Bill of Quantity for Machine Shop:**

<b>Sr. No.</b>	<b>Item Name</b>	<b>Specification</b>	<b>Qty.</b>	<b>Unit Cost</b>	<b>Total Cost</b>	<b>Remark</b>
1	LATHE MACHINE • 3 Jaw Chuck • 4 Jaw Chuck • Steady Rest • Follow Rest • Face Plate • Coolant Pump • Work Light • Chang Gears • Dial Indicator • Dead Center and Center Sleeve • Splash Guard • Chip Pan • Toolbox with Tools	Max .swing die over bed 360mm Max .swing die over gap 508mm Max .swing die over carriage 215mm Bed width 186 Distance between centers 1500mm Main motor power 7.5KW	01			
2	Lathe Machine 5' 6" with 1 Hp motor, 3 jaw 200 Ø, 4 jaw 200 Ø chuck and electrical.	Height of centers 220mm Swing over bed 500mm Swing over cross slide 270mm Swing in gap 720 mm Distance between centers 1000mm Spindle power 11 KW Main motor power 7.5	01			
3	Cutting tools, drill bits 20 set, tap set die etc	0.5 inch square 4mm to 12mm 3/8inch				
4	Shearing m/c	3"ft	01			
5	Pedestal grinder	8" wheel	01			
6	Pillar electric drill m/c	12 mm capacity	01			
7	Power Hacksaw with auto stop , hydraulic type, ac motor 3 phase	Max. die 200mm Stroke Length 140mm Blade Size 400x32x1.6mm	01			

		Power of main motor 0.75 KW 415V, 50 Hz 3 phase Power of coolant Motor 0.09 KW				
		<b>Total</b>				

**RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR UP INDIA 224122**

**TENDER DOCUMENT**

Bidders Proforma

Tender	Purchase and Commissioning of Equipments for <b><i>Physics lab</i></b>
Name of the firm with full address and contact number	
FOR	RAJKIYA ENGINEERING COLLEGE, AMBEDKAR NAGAR UP INDIA 224122 (Located on Akbarpur-Tanda Road at 700 mt from collectrate Ambedkarnagar)
Cost of Tender Document	DD No: Amount: Bank: Date:  Drawn on favour of Director Rajkiya Engg College payable at Ambedkar nagar (UP)
Earnest Money Deposit	DD No: Amount: Bank: Date:  Drawn on favour of Director Rajkiya Engg College payable at Ambedkar nagar (UP)
PAN/TIN/TAN No	PAN: TIN: TAN: (Attach proof)
Original Equipment Manufacturers /Authorization Letter from O.E.M.	Attach proof
Turnover in the last three years	Attach proof
Details of Similar Work Executed during last Three years	Attach proof

Signature and Seal of Bidders

## Department of Applied Sciences

Package –MKR/Com/01 – Physics Lab

Tender Cost: Rs. 200.00

EMD- Rs. 20800.00

### Bill of Quantity for Physics Lab:

Sr. No.	Item/ Set up for	Qty.	Unit Cost	Total Cost	Remarks
1.	Bi Prism Assembly for Interference Experiment with Sodium	2			
2.	Newton's Ring Experiment with Sodium Lamp	2			
3.	Nodal Slide Experiment complete	2			
4.	Grating Experiment, complete with mercury Ramp and spectrometer	2			
5.	Diffraction Experiment with bench , sodium lamp	2			
6.	Lasers He – Ne – 1 m W for above Experiment	2			
7.	Magnetic field on Axis of a coil, complete	2			
8.	Steffen's law by Electrical Method	2			
9.	Cary Footer Bridge Expt. Complete	2			
10.	B – H- Curve apparatus complete	2			
11.	Hall Effect Setup	2			
12.	Band Cap of Diode	2			
13.	Calibration of Voltmeter	2			
14.	Calibration of Ammeter	2			
15.	Conversion of Galvanometer Ammeter	2			
16.	Conversion of Galvanometer – Volt meter	2			
17.	Tables 4' X 6' X 2/1/2", sun mica Top	10			
18.	Chain	25			
19.	Spirometer	10			
20.	Ves-Callipers	10			
21.	Lens, Prisms, Gratings (Sparer), with etc.	50			
<b>TOTAL</b>					