

# College of Applied Sciences, Thamarassery

(Managed by IHRD, A Government of Kerala undertaking)

Korangad, Thamarassery, Kozhikode- 673573.Kerala.

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No. C/360.B/2016/CAS/TMSY

21/02/17

## TENDER NOTICE

Sealed tenders are invited for the supply of Electronic Lab Equipment as scheduled below.

The tender will be opened at the office of College of Applied Science, Thamarassery in the presence of such tender or their authorized representatives present at that time. Intending tenderer should quote the rate inclusive of all taxes. Principal College of Applied Science, Thamarassery reserves the right to reject any tender without assigning any reason thereof. The college will also have the right to accept the rate quoted for any of the items in a tender and to reject the others.

Withdrawals from the tender after it is accepted or failure to execute agreement will entail cancellation of the order forfeiting the EMD and supply being entrusted to another firm.

No representation for enhancement of price once accepted will be considered.

Any attempt on the part of tenderers or their agents to influence the officers concerned in their favour by personnel canvassing will disqualify the tenderers.

If any license or permit is required, tenderer must specify in their tender and also state the authority to which application is to be made.

The rates quoted should be inclusive of all taxes, duties, cesses etc. which may become payable by the contractor under existing or future laws.

Payment will be made after performance evaluation by an officer entrusted by the Director, IHRD.

Special conditions if any, attended with the tenders of the tenderer will not be applicable to the contract unless the purchase expressly accepts them in writing.

Every tenderer should send along with their tender an EMD equal to 1% of the total quoted value in the form of DD drawn in favour of the Principal, College of Applied Science, Thamarassery payable in SBT Thamarassery, if government have exempted any firm from furnishing the EMD they should produce relevant documents along with tender. Application for the tender form should be accompanied by a cash remittance of cost of tender form with VAT fixed for a form which is not refunded under any circumstances. Tender forms can be had from the College Office from all working days till the date and time specified below for each. The cost of tender form should be paid by money order or in cash, cheques , postal orders etc. will not be accepted towards the cost of tender forms Rs.50/- as extra has to be remitted along with each tender form for sending the same by post.

Tender No. C/360.B/2016/CAS/TMSY

Last date & time of Sale of Tender Forms : 13/03/2017 12 Noon

Last date & time of Receipt of Tender Forms : 14/03/2017 12 Noon

Date & time for Opening of tenders : 14/03/2017 2 PM

Date upto which the rates are to be firm : 6 months

Price of Tender Form : Rs.400/- +Vat @5% ( Total Rs.420/-)

Price of duplicate copy : Rs.200/-+Vat @5% (Total Rs.210/-)

Address of officer from whom tender forms are to be obtained to whom tenders are to be sent. : The Principal, College of Applied Science, Thamarassery P.O., Kozhikode Dt., Kerala State, Pin – 673573.

Whether samples essential

Period within which goods should be delivered: Within two weeks from the date of Supply order

Rates should be quoted for delivery : For at Thamarassery, College of Applied Science

Other Special conditions : Terms of guarantee/warranty specified

### Detailed Specification

| Sl.No | Items  | Qty |
|-------|--|-----|
| 1     | <p>Cathode Ray Oscilloscope (CRO)</p> <ul style="list-style-type: none"><li>• Signal Width: &gt;=10MHz</li><li>• Display -5.0 to 7.0TFT/LCDDColour Display</li><li>• Real Time Sampling – 500Ms/s</li><li>• Equivalent Sampling -50GS/s</li><li>• Memory Depth-at least16 Kpts</li><li>• Vertical Resolution- 8bits</li><li>• Channels -2analog input channels</li><li>• Coupling – DC,AC&amp;GND</li><li>• PC Interface – USB/RS232 Host</li><li>• Independent vertical scale &amp;position control knobs for each channels is necessary</li></ul>                      | 4   |
| 2     | <p>Function Generators</p> <ul style="list-style-type: none"><li>• Signal Bandwidth -&gt;10MHz</li><li>• Wave shapes required – Sine, Square, triangle, ramp, pulse</li><li>• Direct display of amplitude</li><li>• Single push for selection function</li><li>• Variable pulse duty cycle adjustment</li><li>• 50m V rms sensitivity for stable display of external signal frequency</li><li>• Internal Modulation Generator</li><li>• Backlit LCD for display of frequency, mode, amplitude simultaneously</li><li>• Square wave rise time better than 70 ns</li></ul> | 2   |
| 3     | <p>Universal IC Programmer -1</p> <ul style="list-style-type: none"><li>• Brand supported ICs: 8085, 8086, 8081, AVR Series, PIC series, PSoC series</li><li>• USB Powered</li><li>• ISP Programming support</li><li>• Details name of supported ICs</li><li>• Software support : Windows 7, Windows 8.1</li></ul>   | 1   |

S/d/-

PRINCIPAL