



तेजपुर विश्वविद्यालय / TEZPUR UNIVERSITY
(संसद के अधिनियम द्वारा स्थापित केंद्रीय विश्वविद्यालय)
(A Central University established by an Act of Parliament)
कुल सचिव का कार्यालय/ OFFICE OF THE REGISTRAR
नपाम :: तेजपुर - 784028 :: असम
NAPAAM :: TEZPUR - 784028 :: ASSAM

SHORT QUOTATION NOTICE

TU/11-24/Pur/Qtn/2017-18/3585-A dated: 20.11.2017.

Sealed quotations are invited from reputed manufacturers/authorized dealers/vendors for supply, installation & commissioning etc. of following items required for the Department of Civil Engineering, Tezpur University.

Items with Specifications:

Sl. No	Name of the Instrument with specification
1	Laboratory Cement Autoclave (Ref. IS:4031 (Part-3)) <i>Specifications</i> <ul style="list-style-type: none">Working Pressure: 21+ 1kg/cm² at 215°CPressure Vessel : ID 150 mm x Depth 500 mmWeight : 70 KgHeater : 2000 wattsSupply : 220V, 50Hz, 1 Phase Panel mounted PID controller with international safety certifications.
2	Following accessories for concrete core cutter compatible to AIM-368 – [a]. Core Bit and water Jacket for concrete core cutter 75mm dia x100mm long [b]. Core Bit and water Jacket for concrete core cutter 100 mm dia x 200mm long
3	Non-destructive test equipment for concrete Rebar detector
4	Pipe friction apparatus compatible to existing Hydraulic benches
5	Bernoullis experiment setup
6	Flow Table for determining workability of concrete
7	Laboratory trolley
8	i) Electronic Balance, Capacity 600 g x 0.01g
9	Hand Auger for drilling of soil
10	Soil Cone penetrometer (Analogue)
11	Field Vane Shear Apparatus Hand-held
12	Equipment for Geophysical Method (Seismic Refraction) — (Ref. IS: 15681- 2006)
13	Heavy Compaction mould with rammer (Ref. IS: 2720 (Part-8)- 1983)
14	Light compaction Mould with rammer (Ref. IS: 2720 (Part-7)- 1980)
15	Sp. Gravity Bottle (50 ml/100 ml) (Ref. IS: 2720 (Part-III/Sec-1)- 1980)
16	Pycnometer (Ref. IS: 2720 (Part-III/Sec-1)- 1980)
17	Dial Gauges (Ranges: 0-50 mm)
18	Integral Proving Rings, Capacity 2000 kN with NCCBM calibrated. <i>Note: Calibration reading should start from 200-2000 kN (Minimum 10 reading)</i>
19	Digital Load cell 50 kN and displacement transducers for CBR test compatible to AIM-121
20	Cylindrical metal measures for determining Bulk density (Ref. IS 2386 (Part III)-1963, IS: 10079-1982)
21	Benkelman beam
22	Pavement dynamic cone penetrometer



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23	Sample Tray (GI)	450×300×40mm																																								
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24	Sand pouring cylinder apparatus (Sand replacement Method, Ref: IS: 2720 Part-28) with following specification- [a]. Sand pouring cylinder with conical funnel and shutter [b]. Cylindrical Calibration container [c]. Metal Tray 30 x 30 x 4 cm with 10 cm central hole.																																									
25	Vibratory Hammer for concrete mould																																									
26	Portable Water Testing Kit for testing of P ^H , ORP, Conductivity, TDS, Salinity, B.O, Turbidity and temperature																																									
27	Wire basket for density measurement (Ref. IS 2386 (Part III)-1963)																																									
28	Triaxial cell (compatible to HS26.35) for testing 100 mm dia x 200 mm height triaxial sample																																									
29	Quick Draw Tensiometer for portable field use																																									
30	Magnetic stand for Dial Gauge																																									
31	Consolidation Test Apparatus (Ref. IS: 2720-15 1965), Single Gang																																									
32	Consolidation Test Apparatus (Ref. IS: 2720-15 1965), Three Gang																																									
33	Field CBR Test Apparatus (Ref. IS: 2720 (Part-31) 1990)																																									
34	Marlyn Roughness Test Apparatus																																									
35	Cylindrical Measuring jar (Plastic graduated)	100 ml.																																								
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36	pH METER <i>Specifications</i> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Parameter</th> <th style="text-align: center;">pH</th> <th style="text-align: center;">mV</th> <th style="text-align: center;">Temperature</th> </tr> </thead> <tbody> <tr> <td>Range</td> <td style="text-align: center;">0 to 14.00</td> <td style="text-align: center;">0 to + 1999.9 mV</td> <td style="text-align: center;">0 to 100°C</td> </tr> <tr> <td>Resolution</td> <td style="text-align: center;">0.01 pH</td> <td style="text-align: center;">0.1 mV</td> <td style="text-align: center;">0.1°C</td> </tr> <tr> <td>Accuracy</td> <td style="text-align: center;">+ 0.01pH</td> <td style="text-align: center;">+ 0.1mV, + 1 Digit</td> <td style="text-align: center;">+ 0.1 °C</td> </tr> <tr> <td>Temperature Compensation</td> <td colspan="3" style="text-align: center;">0 to 100°C Auto/Manual</td> </tr> <tr> <td>Auto Buffer Recognition</td> <td colspan="3" style="text-align: center;">4.00,7.00 & 9.20 pH</td> </tr> <tr> <td>Storage</td> <td colspan="3" style="text-align: center;">Upto 70 Samples</td> </tr> <tr> <td>Key Board</td> <td colspan="3" style="text-align: center;">8 Keys, Soft Touch Membrane Type</td> </tr> <tr> <td>Power</td> <td colspan="3" style="text-align: center;">230V + 10% AC, 50Hz</td> </tr> <tr> <td>Accessories</td> <td colspan="3" style="text-align: center;">Combination pH Electrode, Temperature Probe, pH Electrode Stand, Buffer Tablets (7.0 & 4.0 pH), Operation Manual, Dust Cover.</td> </tr> </tbody> </table>		Parameter	pH	mV	Temperature	Range	0 to 14.00	0 to + 1999.9 mV	0 to 100°C	Resolution	0.01 pH	0.1 mV	0.1°C	Accuracy	+ 0.01pH	+ 0.1mV, + 1 Digit	+ 0.1 °C	Temperature Compensation	0 to 100°C Auto/Manual			Auto Buffer Recognition	4.00,7.00 & 9.20 pH			Storage	Upto 70 Samples			Key Board	8 Keys, Soft Touch Membrane Type			Power	230V + 10% AC, 50Hz			Accessories	Combination pH Electrode, Temperature Probe, pH Electrode Stand, Buffer Tablets (7.0 & 4.0 pH), Operation Manual, Dust Cover.		
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37	CONDUCTIVITY METER <i>Specifications</i>			
	Parameter	Conductivity	TDS	Temp.
	Range Selection	Automatic	Automatic	
	Range	0-20, 0-200uS, 0-2, 0-20, 0-200mS	0-20, 0-200 ppm 0-2,0-20,0-200 ppt	0 - 100°C
	Accuracy	±0.5% FS ±1 Digit	±1% FS ±1 Digit	0.1°C
	Resolution	0.01 uS	0.01 ppm	0.1°C
	Cell constant	Adjustable (0.05- 10.5)	Adjustable (0.05 - 10.5)	
	Temperature compensation	Auto/Manual (0- 50°C)	Auto/Manual	
	Temperature Coefficient	Adjustable (0.1-4.0%)	Adjustable (0.1-4.0%)	
	Storage	Up to 90 Samples		
	Key board	8 soft touch membrane type keys		
	Power	230V±10%AC,50Hz		
Accessories	Conductivity/TDS Cell, Temperature probe, Dust Cover, Instruction Manual			
38	MS PROJECT Software, 1 user			
39	SAP2000 Ultimate V-19, 10 user, Education & Research Licence (Perpetual Licence)			

GENERAL TERMS AND CONDITIONS:

1. No separate tender paper will be issued from the office; one should only download the specifications/list from the website.
2. **The rates should be preferably quoted in Indian Rupee and FOR Tezpur University, Napaam basis. Charges for clearing and transportation should be incurred by the supplier.**
3. Quotations should be accompanied by i) An EMD (in the form of Demand Draft/Call Deposit/TDR) of ₹ 5000/- (Rupees Five Thousand) only drawn/pledged in favor of Registrar, Tezpur University, payable at Tezpur. **No request for consideration of earlier deposited EMD will be considered.** ii) A non-refundable application (quotation) fee of ₹ 1000.00 (Rupees One Thousand) only must be paid only by Demand Draft drawn in favour of Registrar, Tezpur University payable at Tezpur
4. The rates should be exclusive of GST and applicable GST in % should be clearly indicated.
5. Applicable levies, surcharge and discounts should be clearly indicated itemwise.
6. Quoted rates should be valid at least for a period of 1 year.
7. The rate should be quoted along with supporting documents of specifications and technical features and list of users.
8. **Preference will be given to manufacturer having NABL accredited Laboratory or agency to certify the equipment and having office at Guwahati, Assam who can handle service calls.**
9. All the quotations must be accompanied with supporting documents and / or literature.



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10. Demonstration may be sought from the vendors for authentication of quoted specification.
11. Details of availability of after sales support will have to be furnished. After sales support directly from manufacture and from Assam (Guwahati/Tezpur) will be preferred.
12. The University is exempted from paying **Custom and Excise duty**.
13. Proprietary items should be quoted with sole Manufacture/Distributorship certificate.
14. Warranty/Guarantee period should be specifically mentioned in the quotation.
15. **No Advance payment will be made. However, if the item is of foreign origin**, advance payment will be made either by FDD or vide LOC. In such cases 10% **performance Bank Guarantee** should be submitted before issuing FDD/LOC, covering the warranty period should be provided.
16. Performance Bank Guarantee also must be submitted for Major equipment of Indian origin, covering the warranty period
17. Items of Foreign origin should have **Insurance up to installation on site**.
18. If any item/equipment delivered in damaged condition, the equipment should be replaced with new one.
19. The University reserves the right to accept or reject any or all the quotations without assigning any reason.
20. The University reserves the right not to purchase any of the tendered items without assigning any reason.
21. Quoted price should be inclusive of essential accessories and should be CIF Tezpur University, Tezpur
22. Applications for release of EMD should be submitted to the Registrar/ Joint Registrar.
23. Apart from the above terms and conditions the University has the right to include any other terms and conditions as and when felt necessary.
24. **Quoted price should be inclusive of essential accessories and delivery must be made at Tezpur University. If imported, clearance and transportation upto Tezpur University, Tezpur must be in the scope of the supplier.**
25. **Quotation should be submitted in the DROP BOX placed in the reception of the Administrative Building of the University within 21 days from the date of publication of this notice. If posted/courierred, should reach within 21 days addressed to "The Joint Registrar, Tezpur University". The Quotation Notice No. and date should be clearly superscribed in the envelope/packet containing the quotation.**

Sd/- Joint Registrar
Tezpur University