The Texas A&M University System

ORGANIZATION

Organization	AM02 - Texas A&M University
Address	401 Joe Routt Boulevard College Station, TX 77843
Purchaser	Angel Constancio
Info Contact	Contact JAIME VYKUKAL at (979)458-2377; Email: jmv@tamu.edu

DEPARTMENT

Department	02INEN
Bill-to-Address	750 Agronomy Road - Suite 3101 6000 TAMU Attn: Email invoices to invoices@tamu.edu Attn: Do not mail invoice if sending via email College Station, TX 778436000
Ship-to-Address	EMERGING TECHNOLOGIES BLDG 4062 3131 TAMU COLLEGE STATION, TX 778433131

BID INFORMATION

Description	Exceed 44.304 TBC Test System
Bulletin Desc.	Texas A&M University - Industrial and Systems Engineering will be responsible for supplying computers to be compatible with all items listed on bid.

Bid Number	AM02-16-B000396	Bid Opening Date	06/20/2016 2:00 PM
Bid Type	Open Market	Type Code	Invitation for Bid
Alternate Id	29841AE	Fiscal Year	2016
		Available Date	06/08/2016 1:45 PM

Pre-Bid Conference

Attachments
- Bid Information - Bid B000396.pdf
- Insurance Requirements~11.pdf
- Substitute W9 - New - February 19 2016~2.pdf
- Texas AM Terms Conditions New~70.pdf

AMENDMENTS

ITEMS

Item	Description	Quantity	Unit	Unit Price	Total
1.000	Exceed 44.304 TBC Test System - MTS Exceed 44.304TBC Load Frame; 30 kN (6.7kip), 200-240 V *Maximum rated force capacity: 30 kN (6600 lbf) *Frame type: Floor-standing *Test zones: Single/Dual *Maximum test speed: 508 mm/min (20 in/min) *Minimum test speed: 0.001 mm/min (0.00004 in/min) *Vertical test space crosshead travel (standard): 1150 mm (45.28 in) *Space between columns: 400 mm (15.75 in) *Frame height (standard) 1862 mm (73.3 in) *Frame width: 845 mm (33.27 in) *Frame depth: 716 mm (27.19 in) *Weight (standard) 435 kg (959 lb)	1.00	EA		
2.000	Low Profile Load Cell; 30 kN (6.7 kip)	1.00	EA		
3.000	Transfer Adapter for 20 to D	2.00	EA		
4.000	Exceed 44 Load Cell Assembly; 2 kN (450 lbf)	1.00	EA		
5.000	Wedge Grip; 7 64-bit (32-bit for TestWorks 4 EM Upgrades) *Rated Force: 30 kN (6.7 kip) *Working Temperature: Room Temperature *Weight: (Upper part) 7.44 kg (16 lbs) (Lower part) 47.44 kg (16 lbs) (16 lbs) *Specimen Opening Range: 0-7-14, 14-21/mm; (0-0.28,0.28-0.55, 0.55-0.83 in) O4-O9, O9-O14, O14-O19 mm (O0.16-O0.35, O0.35-O55, O0.75 in)	1.00	EA		
6.000	Wedge Set Assembly; Flat, 100 kN (22 kip), 0-7 mm (0-0.28 in) *Rated Force: 100 kN (22 kip) *Working Temperature: Room Temperature *Weight: (Upper part) 14.7 kg (32.40 lbs) (Lower part) 14.7 kg (32.40 lbs) *Specimen Opening Range: 0.7 mm (0-0.28 in)	1.00	EA		
7.000	Wedge Set Assembly; Round, 100 kN (22 kip), 4-9 mm (0.16-0.35 in) *Rated Force: 100 kN (22 kip) *Working Temperature: Room Temperature *Weight: (Upper part) 14.7 kg (32.40 lbs) (Lower part) 14.7 kg (32.40 lbs) *Specimen Opening Range: 4-9 mm	1.00	EA		

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Item	Description	Quantity	Unit	Unit Price	Total
	(0.16-0.35 in)				
8.000	Model 634-25E-24 Axial Extensometer; US Customary *Gage Length: 2.000 in *Travel: +1.000/-0.200 in *Temperature Range: -120 degree F to +250 degree F *Stain Range: +50%/-10%	1.00	EA		
9.000	Cable, TEDS Adapter to Extensometer, PT Connector *Compatible with 494 controller (FT40/60/100/200) and extensometer (634.12 or 634.25) *Compatible with Criterion controller when paired with system cable for TEDS *Length: 1.5 m (5 ft)	1.00	EA		
10.000	Cable Assembly; RJ50 to JT, 3 m (10 ft)	1.00	EA		
11.000	TestSuite TM - TW Elite Software - EM Software to provide the ability to design, run, analyze and report on monotonic and cyclic tests. *To include pre-defined templates for tension, compression, bend and peel testing - *Graphical drag-and-drop test flow design - *Test template creation - *Data acquisition (timed, P/V, level crossing, cyclic/logarithmic) - *Sine, square, triangle, ramp, hold and custom waveform activities - *Parallel branches for test execution and logical operators (if/then, while) - *Limit sensing, sequencing triggers and interface to digital l/0 - *Data export to ASCll - *Report generation during test and post test - *PC Requirements: Dual-core 2.4 GHz processor, 4.0 Gb RAM, Windows XP or 7 Professional 32-bit. 8 Gb RAM and Windows 7 64-bit - *Recommended Software: TestSuite Reporter for creating and editing report templates, Microsoft Excel 2003 or newer to view reports	1.00	EA		
12.000	TestSuite TM Strain 1 Option *Provides the ability to collect data from one hardware channel for extensometers, load cells or high-level signals	1.00	EA		
13.000	Materials Science Academic Offer Curriculum and Simulation Software to include a Materials Science curriculum. The undergraduate-level curriculum to include lesson plans, homework, and lab assignments for three key subject areas relating materials science and mechanical testing. Subjects include Tension, High Cycle Fatigue, and Fracture Toughness, and promote the integration of lab and classroom activities to help improve learning outcomes. Also to include TestSuite TM TW Elite simulation software. To include twenty (20) copies of simulation software to be used offline by students in a computer laboratory environment. Offline software capability, designed to replicate the system software that operates universal test system, deliver student engagement and teaching efficiency in many ways. Students will be able to simulate materials test offline to instill learning and develop expectations of actual test results, design tests offline before transferring those test profiles to the online software, run simulations and get test results for materials that are not available in the lab. In addition, simulation software will be kept current to whatever level chosen to maintain system software.	1.00	EA		
14.000	Onsite Calibration Configuration Details: *Axial Force Calibration, 0 to 30 kN (2) *Axial Force Calibration, 0 to 30 kN *Axial Extensometer Onsite Calibration at Time of Installation *Calibration Standards Fee	1.00	EA		
15.000	Onsite install 7 Commissioning Configuration Details: *Exceed E44 Onsite Install (5) *Onsite installation of Electromechanical Accessory (2)	1.00	EA		
16.000	Onsite Basic Operator Training Configuration Details: *Exceed E44 Onsite Training (6) *Basic Operator Training for Electromechanical Accessory	1.00	EA		
17.000	Travel Expense Configuration Details: *Installation Travel Expense - First Day *Installation Travel Expense - Additional Days (2)	1.00	EA		