

# The Texas A&M University System

ORGANIZATION		DEPARTMENT	
Organization	AM02 - Texas A&M University	Department	02MSEN
Address	401 Joe Routt Boulevard College Station, TX 77843	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
Purchaser	Angel Constancio	Ship-to-Address	REED McDONALD BLDG. 209 3003 TAMU COLLEGE STATION, TX 778433003
Info Contact	Contact EUGENIA COSTEA at (979)862-1082; Email: ecostea@tamu.edu		

BID INFORMATION			
Description	4-Liter C-276 HP/HT Static Autoclave (Case)		
Bulletin Desc.			
Bid Number	AM02-17-B000679	Bid Opening Date	10/20/2016 2:00 PM
Bid Type	Open Market	Type Code	Invitation for Bid
Alternate Id	13656AF	Fiscal Year	2017
		Available Date	10/07/2016 9:25 AM
Pre-Bid Conference			
Attachments	Bid Information for Bid B000679.pdf Substitute W9 - New - February 19 2016~27.pdf Terms and Conditions (NEW) - All Departments~34.pdf		

## AMENDMENTS

ITEMS					
Item	Description	Quantity	Unit	Unit Price	Total
1.000	4-Liter C-276 HP/HT Static Autoclave *Alloy C-276 Solid Forging - *4-liter capacity; 300 degree C (572 degree F); up to 35 MPa (5076 psi) - *Bolted lid closure with C-276 seal ring - *(4) 1/4" HiP ports in vessel lid - *(2) 1" NPT ports in vessel lid (plugged) - *(2) 1/4" HiP valves for I/O gas - *(5) 1/4" HiP ports in vessel bottom - *(1) 1/4" HiP port in vessel bottom for drain - *(1) 3/8" HiP drain valve - *(1) 3/4" NPT port in vessel bottom (plugged) - Safety burst disk assembly; C-276 housing with C-276 burst disk - *Pressure transducer with LED display - *SCR heater system; 240V-30A single phase - *Heater band with insulation jacket - *Materials chemical Analysis and Strength Mill Certificates - *Factory Pressure Test Certificate - *Vessel design in accordance with ASME Section VIII, Div. 1 ***** ***** AC12T Controller - *PLC based control - *8" Color touch panel - *Temperature and variable speed stirring control - *Over temperature safety and alarms - *over and under pressure safety and alarms - *Test/Cycle time - *Analog outputs for temperature and pressure recording - *110/240 VAC auto-sensing input - *User adjustable viewing angle ***** ***** Cart - *Heavy duty construction with swivel castors - *Industrial textured epoxy coating - *Houses autoclave, control box and AC12T controller - *Top work tray and lower storage shelf - *Tool kit for operation and maintenance of system.	1.00	EA		
2.000	C-276 Spare Parts Kit (2.2-10 Liter) *(4) Vessel bolts - *(1) Vessel seal ring - *(1) Solution TC - *(1) Heater band TC - *(2) Safety burst disks - *(6) HiP sleeves - *(10) HiP gland nuts - *(2) HiP port plugs - *(1) System Fuse Kit	1.00	EA		

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<u>Item</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
	- *(2) 6' (2m) 1/4" tubing, C-276				
3.000	Services - Crating (1) Large Crate	1.00	EA		
4.000	Freight Charges to be FOB Destination, Texas A&M University - College Station, Texas 77843-3003. All equipment must be fully insured against loss and damage during shipping.	1.00	EA		