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The Texas A&M University System

	ORGANIZATION		DEPARTMENT		
Organization	AM02 - Texas A&M University	Department	02CHEM		
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	ILSB BLDG		
Info Contact	Contact Kevin Burgess at (979)845-2964; Email: burgess@tamu.edu		301 OLD MAIN DR. 3474 TAMU COLLEGE STATION, TX 778433474		
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AMENDMENTS

ITEMS									
<u>ltem</u>	Description	<u>Quantity</u>	<u>Unit</u>	Unit Price	Total				
1.000	 925600, Liberty (TM) Blue, Automated Peptide Synthesizer *Capable of automated peptide synthesis from 0.005 to 5.0 mmol scale *Discover single mode microwave reactor that provides for self-tuning with a continuous power delivery from 0-300 watts in 1-Watt increments. *Contain 20 ports standard for amino acids, 7 additional unusual amino acid ports, and 4 external ports for other reagents *All reagent deliveries to be controlled by nitrogen pressure *Amino acid, activator, and activator base are to be delivered with the Flex-Add technology *Include an external notebook computer, router with ethernet cables and Liberty Blue application software providing complete control of system operation *License to utilize microwave irradiation for both the deprotection & coupling steps *Compliance with US Patents 7,393,920; 7,582,728; 8,058,393 *Accelerating at least the deprotecting and coupling steps by applying microwave energy during the deprotecting and coupling steps *Successively deprotecting, and coupling a plurality of amino acids into a peptide in the single microwave transparent vessel without removing the peptide from the single vessel between cycles 	1.00	EA						
2.000	Installation and Training The requested equipment is to be supplied as a complete operational system, set-up and ready for use. Any/all	1.00	EA						

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Item	Description	Quantity	Unit	Unit Price	Total
	operational/maintenance manuals are to be provided at the time of shipping/installation.				
	This project shall be considered a ?turnkey? project that includes all aspects of the installation.				
	Installation shall include distribution of the equipment to the requesting department. Installation shall also include receiving, unpacking, assembly and placement at point of use and removal and disposal of all packing material. University dumpsters may not be used for disposal unless approved by the department.				
	The vendor shall clean all trash, rubbish, cartons and other waste scattered throughout the building or on the premises caused by installation of the equipment under the resulting purchase order. Any necessary equipment needed to carry out the installation shall be furnished by the vendor. Shipping containers and other trash that constitute a fire hazard or an obstacle to the work of others shall be removed from the building daily. The vendor shall be responsible for removal of all trash offsite and disposal of in a legal manner.				
	During delivery and installation, use of tobacco products, food or drink within the interior of the building shall be prohibited. Texas A&M University regulations shall be enforced.				
	Delivery shall be made during normal working hours only, 8:00 AM to 5:00 PM, Monday through Friday, unless vendor obtains approval for late delivery.				
	All vendor employees shall be identifiable (I.E. name tags, vendor t- shirt or hats). All vendor employees shall be able to speak English.				
	TRAINING				
	Shall include on-site demonstration of the proper operating techniques of the equipment as well as instrument preventative maintenance training to all end user(s). This documentation is to include basic training on the proper operation of the equipment and software installed.				
	All training expenses, including travel, must be included in the bid response.				
3.000	Additional items to be included with system: *2 styles of fittings (1/4" MNPT x 1/8" tube and Fitting 1/4" FNPT x 1/8" tube) and 10' for 1/8" OD Teflon Tubing to get your nitrogen supply to the Liberty Blue *1 - 1L, 1 - 0.5L and 3 - 0.25 L bottles for waste, main wash, deprotection base, activator and activator base. The main wash and deprotection base bottles include a GL 45 bottle cap with tubing and fittings to connect to the Liberty Blue. The waste container bottle to include a cap with multiple ports to accept the waste lines from the Liberty Blue (the tubing and fittings for the waste lines) *27 - 50 mL centrifuge tubes with dip tubes and dip tube filter assemblies *1 - 30 mL and 1 - 125 mL reaction vessel	1.00	LOT		