

Event Summary - Sorption Analyzer

Type	Invitation to Bid	Number	02-AMCECE-ITB-3476
Organization	TAMU	Currency	US Dollar
Event Status	Awarded	Work Group	Chemical Engineering
Exported on	3/25/2022	Exported by	Angelita Constancio
For Requisition	154033322	Created Document	155813873
Estimated Value	50,227.18 USD	Payment Terms	-

Bid and Evaluation

Respond by Proxy	Allow	Use Panel Questionnaire	No
Sealed Bid	Yes	Auto Score	No
		Cost Analysis	No
Alternate Items	No		


Visibility and Communication

Visible to Public	Yes
Enter a short description for this public event	
<i>Sorption Analyzer</i>	

Commodity Codes

None Added

Event Dates

Time Zone	CDT/CST - Central Standard Time (US/Central)
Released	-
Open	2/14/2022 12:00 AM CST
Close	2/24/2022 2:00 PM CST
Sealed Until	2/24/2022 2:00 PM
	 Show Sealed Bid Open Date to Supplier
Q&A Close	2/23/2022 10:00 AM CST

Description

Sorption Analyzer

Product Line Items

★ Required Product Line Items

Group P1

#	Item Name, Commodity Code, Description	Qty.	UOM	Target Price	Allow Alternates	Requested Delivery
P1.1	Autosorb iQ-C-MP (1 STAT.) EPDM ★ 47131900 - Absorbents 4055 / One station chemi- and physisorption analyzer for catalyst metal area, micro/mesopore size, and surface area: 1, 10 and 1000 torr transducers. -Flow-through, in-situ catalyst preparation -1100 C furnace with rapid cooling (no compressed air/other gas) -Combined, strong and weak chemisorption isotherms -Small cold zone technology and continuous Po measurement -Includes long life analysis dewar (>90 hours with LN2 without refill) -Integrated, built-in vacuum system uses turbo and dry pumps -4 built-in, dedicated vacuum degassing ports with cold trap -Compatible with H2, CO, He, N2, Ar, CO2, NH3, and other gases	1	EA - Each	-		-
	Ship-To-Address - Attn Dr. Shetty Chemical Engineering Brown Chemical Engineering Bldg Room 1M2A 100 Spence St 3122 TAMU College Station, TX 77843-3122 United States					
P1.2	REGULATOR (CGA)-N2/HE/AR/KR, 25 PSIG ★ 40142201 - Gas regulators 4076 / Two stage, gas regulator for inert gasses nitrogen, helium, argon, krypton, etc. North American CGA-580 fitting. Output pressure range 0 - 1.7 bar (0 - 25 psig). Includes isolation valve and 1/8 inch - Swagelok output fitting	2	EA - Each	-		-
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P1.3	REGULATOR (CGA)-H2/CO/CH4, 25 PSIG ★ 40142201 - Gas regulators 4076 / Two stage, gas regulator for reactive gasses hydrogen, carbon monoxide, methane, etc. North American CGA-350 fitting. Output pressure range 0 - 1.7 bar (0 - 25 psig). Includes isolation valve and 1/8" Swagelok output fitting.	1	EA - Each	-		-
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P1.4	REGULATOR (CGA 660)-AMMONIA, 200 PSIG ★ 40142201 - Gas regulators 4076 / Two stage, gas regulator for ammonia. North American CGA-660 fitting. Output pressure range 0 - 13.8 bar (0 - 200 psig). Includes isolation valve and 1/8 inch Swagelok output fitting.	1	EA - Each	-		-

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P1.5	NUT & FERRULE, 1/8 INCH STAINLESS STEEL	★	1	EA - Each	-	-
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27121706 - Ferrule nuts | 4075 / NUT & FERRULE, 1/8 INCH STAINLESS STEEL

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P1.6	INPUT LINE, 5 FEET, COPPER	★	1	EA - Each	-	-
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40171511 - Commercial copper pipe | 4076 / INPUT LINE, 5 FEET, COPPER

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P1.7	NUT & FERRULE, 1/8 INCH, BRASS	★	1	EA - Each	-	-
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27121706 - Ferrule nuts | 4075 / NUT & FERRULE, 1/8 INCH, BRASS

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P1.8	SAMPLE EXTRACTION HOOK	★	1	EA - Each	-	-
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31162600 - Hooks | 4075 / SAMPLE EXTRACTION HOOK

P1.9	LEVEL SENSOR, HYBRID TYPE, 87 K, LONG	★	1	EA - Each	-	-
41111938 - Level sensors or transmitters 5751 <\$5k, 8422 / Hybrid type coolant level sensor for use with liquid argon (87 K). Appropriate for use with long cells.						
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P1.10	SURFACE AREA REFERENCE MATERIAL, 2012	★	1	EA - Each	-	-
55110000 - Electronic reference material 4025 <\$5k, 4025 / Surface area reference material catalog number 2012 for gas sorption instruments. 0.5 nm zeolite powder with 750 m2/g nominal BET surface area using nitrogen.						
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P1.11	SURFACE AREA REFERENCE MATERIAL, 2005	★	1	EA - Each	-	-
55110000 - Electronic reference material 4025 <\$5k, 4025 / Surface area reference material catalog number 2005 for gas sorption instruments. Aluminum oxide pellets with 105 m2/g nominal BET surface area using nitrogen.						
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P1.12	ACTIVE AREA REFERENCE MATERIAL, 7001	★	1	EA - Each	-	-
55110000 - Electronic reference material 4025 <\$5k, 4025 / Active area reference material catalog number 7001 for chemisorption analyzers. 2% platinum on alumina pellets for with nominal active area between 10 - 20%. For hydrogen or carbon monoxide analysis.						

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P1.13	INSTALLATION	★	1	EA - Each	-	-
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81111809 - System installation service | 5626 / INSTALLATION

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P1.14	TRAINING	★	1	EA - Each	-	-
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86000000 - Education and Training Services | 5410 / TRAINING

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P1.15	Freight	★	1	EA - Each	-	-
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78121603 - Freight fee | 5650 / Freight

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Service Line Items

There are no Items added to this event.

Price Components

There are no Price Components added to this event.