



Sales Quote

INDUSTRIAL BUSINESS INTL CORP

1580 Sawgrass Corporate Parkway

Suite 130, Sunrise, FL 33323

Tel: 954-302-3187, 315-4781

Fax: 954-838-7746

E-mail: ibicorp@intech-ie.comTax Certificate No. **16-8012998465-1**

Quote #

IBI-2024-0084

Date:

Sept 2nd, 2024

Customer ID

PETROPIAR - VEN**Bill To:****PDVSA Petropiar**

Att: Nancy Cordero - Ingeniero de Costos

Ext. +582812802417

+584165821592

corderonj@petropiar.pdvs.com**Ship To:**Broker of Customer in Maiquetia Airport,
Venezuela

Your #	Our #	Sales Rep	CIF	SHIP VIA	Terms	Validity
24-0750	Various	L. Zuñiga W. Brito	Maiquetia Airport	BWPPD	See below	60 days

Item	Qty	Units	Description	Unit Pr (US\$)	Total (US\$)
2	8	Pcs	WIKA GAYESCO THERMOCOUPLES K25SOU TAGS # 28-TE-721A, 28-TE-721B, 28-TE-721C, 28-TE-721D, 28-TE-721E, 28-TE-742A, 28-TE-742B, 28-TE-742C Thermocouple Washer Type, Type K, Simple element, Ungrounded, Sheat Material SS310, Sheat Diameter ¼", Insertion Length 18", Well Pad, Lead Wire Material Teflon, Insulated for 120" Spiral Armour Model to be defined, Drawings to be approved before manufacturing SS Tags	2,410.00	19,280.00
9	1	Pcs	WIKA GAYESCO HIGH TEMP THERMOCOUPLE WITH HEXOLOY METAL CERAMIC PROTECTION ZT5877.00 WIKA TC80 High Temperature Thermocouple Assembly Thermocouple Wire, 24 AWG, S Type (Pt- Pt/Rd 10%), Single element, ½" cable entry, ¾" Head Instrument Connection, Ceramic Terminal Block, Nipple Neck Extension 316SS, with Ceramic seal, Explosion Proof Aluminum Head, HEXOLOY Metal-ceramic Outer Tube material ¾" x 1/2 Diameter, Inner Tube Material C799 Ceramic (99.7% Purity), Inner tube Diameter 11/16" x 7/16", Process Connection 1", Flange SS 300# RF, 316 SS Flange Insertion Length 678 mm TAG # 28-TE-740	7,850.00	7,850.00
11	2	Eqp	APPLIED ANALYTICS TAIL GAS ANALYZERS TAGS #: 28-AT-620ABC, 28-AT-820ABC: Each System will includes: • One Pcs TLG-837 Tail Gas / Air Demand Analyzer System Product Code: TLG-837 Data Sheet: https://aai.solutions/documents/AA_DS004A_TLG837.pdf Measurements: H2S: 0-2% SO2: 0-2% H2S-2SO2: -5%~+5% Item Customizations: +Vortex Cooler +Tag Plates +MODBUS TCP/IP Communication +UL Approval to Class 1, Div 2 per datasheets	486,000.00	972,000.00

			nova II™ UV-Vis Spectrophotometer >> www.a-a-inc.com/documents/AA_DS201A_novall.pdf • Full UV-Vis 200-800 nm spectrum acquisition at ~1nm resolution • Pulsed xenon light source with average 5 year lifetime 4.0 Meter 600 µm Core Size Fiber Optic Cable [Qty=2] >> www.a-a-inc.com/documents/AA_DS206A_FiberOptics.pdf Human Machine Interface [HMI] • 8.0" TFT touch-screen LCD ECLIPSE™ Runtime Software >> www.a-a-inc.com/documents/AA_DS203A_Eclipse.pdf • Displays all active measurements • Controls Auto-Zero by automated relay activation sequences Solid State Drive >> www.a-a-inc.com/documents/AA_DS204A_SSD.pdf NEMA 4X Stainless Steel 304 Analyzer Enclosure >> www.a-a-inc.com/documents/AA_DS401X_Enclosures.pdf *see data sheet for various other enclosure options Outputs & Communication >> www.a-a-inc.com/documents/AA_DS205A_VCIM.pdf • Up to 3x galvanically isolated 4-20 mA analog outputs • 1 digital fault alarm • 1 digital input • 1 k type ungrounded thermocouple input • 1 4-20mA analog input • 4x relay outputs USB Hub • 4x USB Port • One Pcs TLG-837 DEMISTER Probe Product Code: 207-9822 • One Pcs TLG-837 Utility Control Panel (UCP) Product Code: 007-8190 • One Pcs Free-Standing Rack with Sunshade Product Code: 950-0261 • One PcsTLG-837 Sampling Probe Retractor Product Code: 007-8177 • One Pcs Full Port 2" Ball Valve Product Code: 320-6314 • One Pcs Ball Valve Steam Jacketing Product Code: 185-2402 • One Pcs Z-Purge (SS316) Product Code: CST-1223 • One Set TLG-837 Spare Parts Package (2-year) Product Code: CST-1224 • One Factory Acceptance Test - Functional & Visual Product Code: FAT-002 Visual inspection and full, hands-on testing of systems' functionality (including testing with calibration gases) by two buyers' representatives at AAI facility. Any special testing is subject to prior agreement and extra charges. The end user is required to approve the procedures and sign the drawings before the Factory Acceptance Test occurs. AA engineering will provide the Factory Acceptance Test Procedure with the Approval Documents Package. (In case customer wants to witnessing FAT, the Travel and Transportation costs will be responsibility of customer – Boston, USA). • One Miscellaneous Service Fee Product Code: CST-1273 - QPS certification to:		
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			CSA No. 61010-1-12-3rd, CSA No. 60079-0:15 4th Ed., CSA No. 60079-28:15 2nd ed., CSA No. C22.2 213 3rd ed. (R2022). NFPA 496 2024. , UL 61010-1, UL 60079-0 7th Ed., UL 60079-28 2nd ed., UL 121201 9th ed, One Oversized Crating & Handling Charge - International Product Code: CST-0978		
12	2	Pcs	CERTIFIED Calibration Gas for Process Analyzer (H2S) Includes Gas Regulator Mix Gases: H2S 0.7% balance nitrógen. Capacity: 150 cf Cylinder Type 1R, 8" Diam x 48" Length, Aluminum Construction, Internal Volume 1.04 ft3, DOT Pressure Rating 2015, DOT Designation 3AL2015	5,595.00	11,190.00
13	2	Pcs	CERTIFIED Calibration Gas for Process Analyzer (SO2) Includes Gas Regulator Mix Gases: SO2 0.35% balance nitrógen. Capacity: 150 cf Cylinder Type 1R, 8" Diam x 48" Length, Aluminum Construction, Internal Volume 1.04 ft3, DOT Pressure Rating 2015, DOT Designation 3AL2015	5,585.00	11,170.00
14	2	Pcs	CERTIFIED Calibration Gas for Process Analyzer (N2) Includes Gas Regulator Mix Gases: N2 99.999%, ULTRA PURE Capacity: 300 cf Cylinder Type 9" Diam x 55" Length, Steel Construction, Internal Volume 1.73 ft3, DOT Pressure Rating 2400, DOT Designation 3AA2400	5,635.00	11,270.00
17.1	1	Eqp	BROOKS Rotameters, Rugged all metal variable area flow meter ideal for a variety of gas liquid and steam applications AREA: AZUFRE Part Number 3809GAD07BAB83H4CCCO Tag-001 28-FI-750 Max Press @ Max Temp 1500 PSIG 103.4 BAR Accuracy 2% -Direct Scale-Gas Meter Material 316L SS Connection Size 1/2-inch Connection Type F-NPT Inlet Down Outlet Up O-Ring Material Viton Valve On Outlet-Viton-Ship Attached Valve Connection Visible Thd FNPT Range 490 - 4900 SCFD Indicator Housing XP STAINLESS Electrical Connection 3/4-in NPT-F Indicator/Alarm/Transmit XMTR 4-20MA – HART, LOI DIGITAL DISPLAY - HART Approvals DIV 1-ZONE 1 XP-IIC-IECEX-CSA Certification (1) [C] NACE & Mat Cert 3.1 TAG Type Stainless International Calibration Certificate (ICC) Certificate of Conformance (Compliance) 2.1 Certificate of Origin	10,115.00	10,115.00



17.2	1	Eqp	BROOKS Rotameters, Rugged all metal variable area flow meter ideal for a variety of gas li applications AREA: AZUFRE Part Number 3809GAA12CFBB3H4C0C0 Tag-001 28-FI-662 Tag-002 28-FI-663 Tag-003 28-FI-664 Tag-004 28-FI-862 Tag-005 28-FI-863 Tag-006 28-FI-864 Max Press @ Max Temp 148 PSIG 10.2 BAR Accuracy 2% -Direct Scale-Gas Meter Material 316L SS Connection Size 2-inch Connection Type 150# RF Flange Inlet Down Outlet Up O-Ring Material No Valve No Valve Range 24000-240000 SCFD Indicator Housing XP STAINLESS Electrical Connection 3/4-in NPT-F Indicator/Alarm/Transmit XMTR 4-20MA – HART, LOI DIG HART Approvals DIV 1-ZONE 1 XP-IIC-IECEX-CSA Certification (1) [C] NACE & Mat Cert 3.1 TAG Type Stainless International Calibration Certificate (ICC) Certificate of Conformance (Compliance) 2.1 Certificate of Origin	11,825.00	11,825.00
17.3	1	Eqp	BROOKS Armored Rotameters, Rugged all metal variable area flow meter ideal for a variety and steam applications AREA: AZUFRE Part Number 3809GAA12CFBB3H4C0C0 Tag-001 28-FI-666 Max Press @ Max Temp 148 PSIG 10.2 BAR Accuracy 2% -Direct Scale-Gas Meter Material 316L SS Connection Size 1.5-inch Connection Type 150# RF Flange Inlet Down Outlet Up O-Ring Material No Valve No Valve Range 19000 - 190000 SCFD Indicator Housing XP STAINLESS Electrical Connection 3/4-in NPT-F Indicator/Alarm/Transmit XMTR 4-20MA – HART, LOI DIGITAL DIS HART Approvals DIV 1-ZONE 1 XP-IIC-IECEX-CSA Certification (1) [C] NACE & Mat Cert 3.1 TAG Type Stainless	11,195.00	11,195.00



			International Calibration Certificate (ICC) Certificate of Conformance (Compliance) 2.1 Certificate of Origin		
18	1	Pcs	WIKA GAYESCO REMOTE MOUNT THERMOCOUPLE ASSEMBLY WITH VANSTONE WELL E18SOU48E7AP* THERMOCOUPLE. TYPE: E. SHEATH DIAMETER: 3/16 IN. SHEATH MATERIAL: 310 STAINLESS STEEL. MEASURING JUNCTION: UNGROUNDED SINGLE ELEMENT. SHEATH LENGTH: 48 IN. LEAD WIRE MATERIAL: TEFLON INSULATED. FOR 48 IN SPIRAL ARMOR. MFR MODEL: E-18-SO-U-48IN-E7AP(48'')-CS4-HAXAB-CGB. MFR NAME: GAYESCO ASSEMBLED WITH STEPPED VAN STONE THERMOWELL. RAISED FACE DIAMETER: 2-7/8 IN. ROOT DIAMETER: 1-3/16 IN. TIP DIAMETER: 9/16 IN. INSTRUMENTS CONNECTION: 1/2 IN NPT. INSERTION LENGTH: 40 IN. MATERIAL: 316 STAINLESS STEEL. TAG: 28-TE-460, 28-TE-660, 28-TE 860. (TBD) NOTE: THERMOCOUPLE AND THERMOWELL MUST BE FABRICATED ACCORDING TO DRAWING NUMBER: 06257-008. GAYESCO REFERENCE: 221157	8,585.00	8,585.00
19	1	Pcs	WIKA GAYESCO REMOTE MOUNT THERMOCOUPLE ASSEMBLY WITH VANSTONE WELL, E18SOU156E7AP* THERMOCOUPLE. TYPE: E. SHEATH DIAMETER: 3/16 IN. SHEATH MATERIAL: 310 STAINLESS STEEL. MEASURING JUNCTION: UNGROUNDED SINGLE ELEMENT. SHEATH LENGTH: 156 IN. LEAD WIRE MATERIAL: TEFLON INSULATED. FOR 48 IN SPIRAL ARMOR. MFR MODEL: E-18-SO-U-156IN-E7AP(48'')-CS4-HAXAB-CGB. MFR NAME: GAYESCO. ASSEMBLED WITH STEPPED VAN STONE THERMOWELL. RAISED FACE DIAMETER: 2-7/8 IN. ROOT DIAMETER: 1-3/16 IN. TIP DIAMETER: 9/16 IN. INSTRUMENTS CONNECTION: 1/2 IN NPT. INSERTION LENGTH: 148 IN. MATERIAL: 316 STAINLESS STEEL. TAG: 28-TE-461, 28-TE-661, 28-TE-861. (TBD) NOTE: THERMOCOUPLE AND THERMOWELL MUST BE FABRICATED ACCORDING TO DRAWING NUMBER: 06257-008. GAYESCO REFERENCE: 221157.	10,475.00	10,475.00
20	1	Pcs	WIKA GAYESCO REMOTE MOUNT THERMOCOUPLE ASSEMBLY WITH VANSTONE WELL, E18SOU156E7AP* THERMOCOUPLE. TYPE: E. SHEATH DIAMETER: 3/16 IN. SHEATH MATERIAL: 310 STAINLESS STEEL. MEASURING JUNCTION: UNGROUNDED SINGLE ELEMENT. SHEATH LENGTH: 156 IN. LEAD WIRE MATERIAL: TEFLON INSULATED. FOR 48 IN SPIRAL ARMOR. MFR MODEL: E-18-SO-U-156IN-E7AP(48'')-CS4-HAXAB-CGB. MFR NAME: GAYESCO. ASSEMBLED WITH STEPPED VAN STONE THERMOWELL. RAISED FACE DIAMETER: 2-7/8 IN. ROOT DIAMETER: 1-3/16 IN. TIP DIAMETER: 9/16 IN. INSTRUMENTS CONNECTION: 1/2 IN NPT. INSERTION LENGTH: 148 IN. MATERIAL: 316 STAINLESS STEEL. TAG: 28-TE-461, 28-TE-661, 28-TE-861. (TBD) NOTE: THERMOCOUPLE AND THERMOWELL MUST BE FABRICATED ACCORDING TO DRAWING NUMBER: 06257-008. GAYESCO REFERENCE: 221157	10,475.00	10,475.00
21	4	Eqp	KURZ THERMAL MASS FLOWMETERS FOR HUMID GASES Model: 454 FTB-WGF Part Number: 756410-B-2-J-1A-000-J-1-A-2-A-00-M-2 Includes Model: Packing Glands Part Number: 759051-12-02-01-19 TAGS: 28-FT-720, 28-FT-721, 29-FT-722, 28-FT-723 Because ACTUAL Humidity on PetroPiar Processes this instrument replaces de Old Model: 454FTB-16-HHT Part Number: 756056-D-33-K-1-A-000-R-82-B-015-E-0537 INCLUDES On-site Assistance on Commissioning, Start-up & Training on four (4) KURZ Sensors to be done on CHEVRON PETROPIAR, JOSE COMPLEX Jobsite, Venezuela, by One (1) Certified Technician during Two (2) Working days	18,255.00	73,020.00
22	2	Pcs	WIKA BIMETAL PROCESS THERMOMETERS WIKA MODEL TG53, ASME B40.20 Type: TG53.5Z Tech Specifications Data TM 53.02 Construction SS310, Case, Internals, Bulbe and connection	320.00	640.00

			Accuracy: +/- 1% FS (ASME B40.200) Nominal Diameter 5", Multiangular Process Connection ½ MNPT Range: 150 °F... 750 °F Bulbe Diameter 1/4", Length 5" Laminated Safety Glass cover, Protection Type IP 66 / NEMA 4X Ambient Temperature -40 ... +70 °C Logo CHEVRON (Two Colors)		
23	1	Pcs	WIKA PRESSURE GAUGE 233.34 WITH DIAPHRAGM SEAL Pressure Gauge Type 233.34 Case and Vessel Ring : Black Fiberglass Reinforced Thermoplastic (Pocan B4225), Diameter 4 ½" Aro: Threaded, Black Fiberglass Reinforced Thermoplastic (Pocan B4225) All Internals : SS 316L Scale Range: 0...100 psi, 2nd scale bar Process connection ½" NPT SS Safety Laminated Glass Micrometric Needle Accuracy: Grade 2A, Norm ASME B40.100, +/-0,5% Filled with GLYCERINE/ WATER CHEVRON Logo (2 colors) Assembled with WIKA DIAPHRAGM SEAL Model 990.10 Transmitter Liquid: KN 2 Silicone Oil Process Temp : + 21°C to + 100°C Ambient Temp: + 10°C to + 40°C Threaded connection. ½" MNPT Data Sheet DS 99.01 (Modelo 990.10) Nominal Pressure: PN 100 Upper Body Material : SS 1.4404 (316L), UNS S31603 Diaphragm Material: SS 1.4435 (316L), UNS S31603 Lower Body Material: SS 1.4404 (316L), UNS S31603 Joint: FPM max. 200°C Includes: Nuts and Bolts SS	1,720.00	1,720.00
24	1	Pcs	WIKA PRESSURE GAUGE 233.34 WITH DIAPHRAGM SEAL Pressure Gauge Type 233.34 Case and Vessel Ring : Black Fiberglass Reinforced Thermoplastic (Pocan B4225), Diameter 4 ½" Aro: Threaded, Black Fiberglass Reinforced Thermoplastic (Pocan B4225) All Internals : SS 316L Scale Range: -30...+30 inch Hg, Process connection ½" NPT SS Safety Laminated Glass Micrometric Needle Accuracy: Grade 2A, Norm ASME B40.100, +/-0,5% Filled with GLYCERINE/ WATER CHEVRON Logo (2 colors) Assembled with WIKA DIAPHRAGM SEAL Model 990.10 Transmitter Liquid: KN 2 Silicone Oil Process Temp : + 21°C to + 100°C Ambient Temp: + 10°C to + 40°C Threaded connection. ½" MNPT Data Sheet DS 99.01 (Modelo 990.10) Nominal Pressure: PN 100 Upper Body Material : SS 1.4404 (316L), UNS S31603 Diaphragm Material: SS 1.4435 (316L), UNS S31603 Lower Body Material: SS 1.4404 (316L), UNS S31603 Joint: FPM max. 200°C Includes: Nuts and Bolts SS	1,720.00	1,720.00
			Delivery Time • Item 2, 9, 17, 18, 19, 20, 21, 22, 23, 24 : 8 - 10 Weeks ARO • Item 12,13,14 : 10 – 12 Weeks ARO (Haz Mat – Sea Freight) • Item 11: 16-20 Weeks after receiving ARAD and Advanced Payment done		

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			Payment Terms • 50% with Order and 50% Net 30 days Delivery from Manufacturer Partial Invoices associated to materials partially delivered (by items – Different Brands) must be allowed Estimated Volume & Gross Weight – To be informed Cci: Williams Brito – INTECH Lecherias		
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**PLEASE TRANSFER TO OUR
ACCOUNT AT:**

Branch Banking & Trust Co.

450 North Pine Island

Plantation, FL 33324

Account #: 0140953040

ABA# 053-101-121

Routing/Transit Number: 2631-9138-7

Swift Code: BRBTUS33

Subtotal	US \$	1,172,530.00
Freight	US \$	-
Insurance	US \$	-
Docs.	US \$	-
TOTAL	US \$	1,172,530.00

THANK YOU FOR YOUR BUSINESS