



# QUOTATION

Please address your order to:  
TriNova Inc.  
c/o Accounts Payable  
4485 Laughlin Dr. S  
Mobile, AL 36693  
251-378-7837

| Quote Number        |        |
|---------------------|--------|
| 1224756             |        |
| Quote Date          | Page   |
| 03/10/2023 08:37:36 | 1 of 3 |

Quote Expires On: 04/09/2023

**Bill To:**

City Of Delray Beach  
Attn: Accounts Payable  
100 Nw 1st Ave  
Delray Beach, FL 33444  
US

**Ship To:**

City Of Delray Beach  
Attn: Accounts Payable  
100 Nw 1st Ave  
Delray Beach, FL 33444  
US  
Requested By: James Lee

**Customer ID:** 12715

| Terms  |  | Shipping | Customer Service Rep |  |
|--------|--|----------|----------------------|--|
| Net 30 |  |          | JAMES.KENNEDY        |  |

| Quantities |     |                  | Item ID<br>Item Description | Unit Price | Extended Price |
|------------|-----|------------------|-----------------------------|------------|----------------|
| Line       | QTY | UOM<br>Unit Size |                             |            |                |

**Order Note:** \*\*\*\*\*

City of Delray Brach - FERRIC CHLORIDE PENTAPLEX SKID

\*\*\*\*\*

|   |      |     |                                |             |           |
|---|------|-----|--------------------------------|-------------|-----------|
| 1 | 1.00 | EA  | FERRIC CHLORIDE PENTAPLEX SKID | 45,218.9385 | 45,218.94 |
|   |      | 1.0 | Chemical Feed System           |             |           |

**Order Line Notes:** P5\_GXLA\_PVC/VITON\_050\_FeCl3\_FLOOR:

**APPLICATION DATA:**

Chemical: Ferric Chloride  
Pump Type: Solenoid driven diaphragm Pump Quantity: 5  
Target Capacity: 7.76 gph each Piping Material: SCH 80 PVC/Viton  
Piping Configuration: Common inlet, five discharge pump arrangement.

**MECHANICAL DETAILS:**

Skid Type: Black fusion welded polypropylene PP/PE skid for solenoid driven pumps  
(66"W x 36"D x 72"H)  
PVC/Viton socket weld pump suction and discharge pipe and fittings.  
3/4" Common Suction Header, 1/2" pump suction, 1/2" pump discharges. Chemical Inlet: (1) 3/4"  
Solution Outlets: (5) 1/2" Isolation/Drain/Flush ball valves as required. One wye strainer.  
Five 500ml PVC calibration cylinders. Five pressure relief valves.  
Five discharge 2-1/2" 0-160psi pressure gauges with isolators. Five back pressure valves.  
Five 164ml CPVC/Viton pulsation dampeners.

**ELECTRICAL DETAILS:**

Skid mounted 5-pump termination box for all pump electrical connections. 120vac power  
Pump power receptacles for local disconnect. All wiring is completed at the factory

Plumbing and components rated at 150 PSI regardless of pump pressure. All piping components  
hydro-statically tested prior to shipment of equipment.



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| Quantities |     |                  | Item ID<br>Item Description | Unit<br>Price | Extended<br>Price |
|------------|-----|------------------|-----------------------------|---------------|-------------------|
| Line       | QTY | UOM<br>Unit Size |                             |               |                   |

Quantity: 1

**Order Line Notes:** gamma/XL

The gamma/ XL is a microprocessor-based solenoid-driven metering pump with predictive intelligence covering a capacity range of 0.006 GPD at 363 PSIG to 21.1 GPH at 29 PSIG (depending on pump version). Thanks to its controlled solenoid drive with sensor-free pressure measurement, it detects hydraulic faults even in the case of minimal deviations – immediately and optimally matching its output to the pressure conditions and properties of the medium while protecting the pump and piping systems from overload situations. A ProMinent® control cable is required for external control.

Capacity:

- \* 7,76GPH; 29,4L/H
- \* 102PSI; 07BAR

Selected Options:

- \* Product Line: gamma XL - pump version A
- \* Region: North America
- \* Version: 7.76 gph (29.4 l/h), 102 psi
- \* Liquid end materials: PVDF/PVDF
- \* Diaphragm/seals: st.diaphragm/PTFE seal
- \* Liquid end version: w. bleed.v., w/o. valvespr.
- \* Hydraulic connections: connection 1/2"x3/8" USA
- \* Diaphragm rupture indicator: diaphragm break indicator
- \* Version: Standard
- \* Logo: Standard with Logo
- \* Electrical connection: universal 100-240V
- \* Cable and plug: USA 115V, 2m
- \* Relay, pre-set: Fault relay 24V, 1A + 4-20 mA
- \* Accessories: w/o. accessories
- \* Control variant: manual+cont.w.PulseCont.+anal.
- \* Communication interface: w/o.
- \* Language: English
- \* Approvals: without
- \* Documentation: English

Quantity: 5

Five pump Terminal Box Kit

Quantity: 1

|   |      |    |                 |            |          |
|---|------|----|-----------------|------------|----------|
| 2 | 1.00 | EA | SVC-TS-CHEMFEED | 1,775.0000 | 1,775.00 |
|---|------|----|-----------------|------------|----------|



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| Line       | QTY | UOM<br>Unit Size |                             |            |                |

|     |                       |
|-----|-----------------------|
| 1.0 | Commissioning Service |
|-----|-----------------------|

**Order Line Notes:** Commissioning Service includes

- Start Up of the Chemical Feed System
- Operation and Maintenance Training

|   |      |     |                         |        |      |
|---|------|-----|-------------------------|--------|------|
| 4 | 1.00 | EA  | SUBMITTALS              | 0.0000 | 0.00 |
|   |      | 1.0 | SUBMITTALS FOR APPROVAL |        |      |

(1) Digital Set of Engineering Submittal Drawings for Approval Only

Total Lines: 3

|                       |                  |
|-----------------------|------------------|
| <b>SUB-TOTAL:</b>     | 46,993.94        |
| <b>TAX:</b>           | 0.00             |
| <b>FREIGHT:</b>       | 3,125.00         |
| <b>AMOUNT DUE: \$</b> | <b>50,118.94</b> |