

CITY OF HOBBS  
SOLE SOURCE/EMERGENCY PURCHASE

TO: CPO \_\_\_\_\_  
FROM: Bill Griffin \_\_\_\_\_  
DATE: 3/5/2021 \_\_\_\_\_

CHECK ONE: SOLE SOURCE  EMERGENCY PURCHASE

ITEM(S)/SERVICES(S) TO BE PURCHASED: Alfa Laval G2-60 Decanter Centrifuge and Control Panel.

Award To (If new vender make sure address is on this form): Alfa Laval, Inc.  
5400 International Trade Drive  
Richmond, Va. 23231  
303-993-4256  
Phone/Fax Number:  
John Moccero  
Point of Contact:

COST: \$338,400.00 (NMGRT not incl.)

The WWRF uses a centrifuge to dewater the digested biosolids before sending it to the sludge dryer. The WWRF has a backup centrifuge that is used when the primary centrifuge is down for major repairs taking several weeks to complete. The current backup centrifuge is out of service and is unrepairable due to age (23 years) and wear on the decanter bowl. Without a backup centrifuge the concentration could increase to the point that the effluent water could no longer be reused beneficially and would violate the NMED Discharge Permit. In purchasing the same make and model of the main centrifuge, we are able to utilize our current spare parts inventory to fill the requirements of both units. Alfa Laval is the manufacturer of this equipment and no other vendors can supply a drop-in interchange unit. This will be a sole source purchase from Alfa Laval through The Rocaam Corp. as the regional manufacturer's representative.

Account Number: 62-4062-44901-00286

Prepared By: Bill Griffin

Department Approval: *Van Woomer*

CPO: *Shelly Stauder*

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3-10*

February 23, 2021



To: Mr. Bill Griffin  
City of Hobbs  
200 E. Broadway St.  
Hobbs, NM 88240

Alfa Laval Inc.  
5400 International Trade Drive  
Richmond, VA 23231  
Tel: 303-993-4256

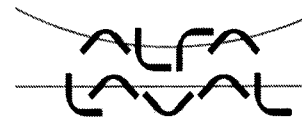
Subject: City of Hobbs, NM  
Firm Proposal – ALDEC G2-60 Centrifuge  
Alfa Laval Reference No: 0108583 Rev1

Dear Mr. Griffin:

On behalf of Alfa Laval, The RoCaam Corp. is pleased to present this Firm Proposal for Alfa Laval ALDEC G2-60 Centrifuge (similar to machine # 5121111) for dewatering of sludge.

**One (1) ALDEC G2-60 Centrifuge** will come complete and include the following scope of supply:

- Modular frame with process contact areas in 316 SS
- Vibration isolators
- Singular cover in 316 SS (covers belts, rotating assembly and gearbox)
- Abrasion protection (Tungsten Carbide on wear surfaces)
- Rotating assembly complete with 8 kNm DD gearbox and pillow block bearings
- All bearings grease lubricated
- Vibration and temperature sensors in main bearing housings
- Main drive Motor: 75 Hp AC VFD
- Back drive Motor: 20 Hp AC VFD
- Centrifuge Starter / Control Panel, NEMA 12, painted steel, floor mount enclosure, 72"H x 72"W x 24"D on 12" floor stand, w/HD Panel Supports, assembled, prewired and shop tested including:
  - 1- Enclosure Fan Cooling System, NEMA 12
  - 1- Interior cabinet lighting w/convenience receptacle
  - 1- 200A Main Fused Disconnect Switch w/Thru-Door Operator
  - 3- 200A Main Input Fast Acting Fuses
  - 1- 480/120 Control Power Transformer w/primary & secondary fusing
  - 1- ABB ACS880-01-124A-5 AC Main Drive VFD, 100HP, ND, 124 Amps, 480V variable torque, operator keypad, & Ethernet Comms.
  - 1- ABB ACS880-01-027A-5 AC Back Drive VFD, 20HP, ND, 27 Amps, 480V, operator keypad, DC Bus Fuses, Ethernet Comms.



- 1- Common DC Bus Connection
- 5-120V Control Power Circuit Breakers
- 1 - Siemens PLC System with S7 1500 CPU Cat. #6ES75163AN020AB0
- 1- Siemens SCALANCE Ethernet switch
- 1- Dell E3002 Gateway
- 1- Helm Instrument Strain Gage Input Module
- 1- Elapsed Time Meter
- 1- Allen Bradley 24VDC Power Supply/UPS
- 1- Illuminated 24VDC Power On/Inhibit Selector Switch
- 1- Grace P-R2-K3RF0 Data/Power Port, Door Mounted
- 1- Terminal Strip for external control wiring terminations including 10% Spares
- Centrifuge HMI Panel, NEMA 4X, 304SS wall mount, 24"x24"x8", complete assembled, prewired and shop tested including
  - 1- Siemens TP1200 Color 12" Comfort Panel OIT
  - 1- Grace P-R2-K3RF0 Data/Power Port, Door Mounted
  - 1- Illuminated Alarm Present/Acknowledge Pushbutton
  - 1- Illuminated Estop Active/Reset Request Pushbutton
  - 1- Alarm Sounder with LED Light
  - 1- Anybus WAP Wireless Bolt
  - 1- Terminal Strip for external control wiring terminations including 10% Spares
- Standard Flexible connectors
  - Feed Flexible Connection, 316SS/SBR 2" 150# Flange x 2" Suction/Discharge Hose x 26" Long, with 316SS Fasteners
  - Polymer Flexible Connection, 316SS/PTFE 3/4" BSP x 3/4" NPT x 24" Long PTFE Lined SS Braided Hose
  - Solids Flexible Connection 2-Ply CI Neoprene x 12 1/2" Tall EJ with 304SS Backer bars & Urethane Wear Liner
- Solids Sample Chute, 316SS with 3" Sample Port w/Plug, with 316SS Fasteners
- Centrate Funnel 316SS – Funnel with 8" 125# Plate Flange and Discharge Hose (Flexible Connection), 1" Valved Sample Port, 316SS Fasteners
- Factory Paint System
- One (1) set required lubricants
- One (1) set of required spares
- Freight to jobsite, DDP Incoterms 2020 (unloaded by others)

**Also included** with pricing:

- One (1) year warranty against defects in workmanship
- Up to Ten (10) days of service and Two (2) round trips for on Start-up, Training, and Testing.
- Submittals and O&M Manuals

**Not included** in pricing:

- Field wiring, conduit, flexible connections
- Piping, Venting & Valves
- Anchor bolts
- Tools



- Polymer & Polymer System
- Flow meters and Pressure gauges
- Conveyor and/or Diverter gate
- Feed pump and Grinder/Macerator
- Laboratory Fees
- Unloading at jobsite and Installation
- Storage and Handling fees
- Taxes and bonds

<b>PRICE FOR ONE (1) ALDEC G2-60 CENTRIFUGE, AS DESCRIBED ABOVE</b>	<b>\$338,400.00</b>
<b>PAYMENT TERMS</b>	10% with PO 10% upon Submittal Approval, NET 30 days 75% upon Delivery, NET 30 days 5% upon Final Acceptance, NET 30 days
<b>PRICE VALIDITY</b>	60 Days
<b>ESTIMATED LEAD TIMES</b>	Submittals: 8-12 weeks after approved PO. Centrifuge delivery: 23-25 weeks after release to manufacturing

**NOTES OF CLARIFICATION:**

1. This proposal is based on providing an exactly similar ALDEC G2-60 to the existing machine with serial # 5121111. The controls will be per our current standards and as agreed during a call with our automation expert on February 4<sup>th</sup>, 2021. Please note that no other plans or specifications were provided to Alfa Laval during the quote process.
2. Warranty covers defects in materials and workmanship for twelve (12) months after startup or beneficial use or eighteen (18) months after shipment whichever comes sooner. Alfa Laval reserves the right to review operating and maintenance records to ensure compliance.
3. Service time for start-up assistance is included with this price. Any additional service time resulting from non-warranty delays will be charged at the rate in effect at the time of service.
4. Alfa Laval will recommend anchor bolt sizing. Anchor bolts are to be supplied by the installing contractor. Contractor shall remain responsible for meeting all relevant electrical codes.
5. The process performance (cake solids, loading, hydraulic throughput, etc.) achieved by the centrifuge will be similar to the existing ALDEC G2-60.
6. Anything not explicitly stated in this proposal is not included.

City of Hobbs, NM  
Proposal – ALDEC G2-60 Centrifuge  
Alfa Laval reference No: 0108583 Rev1  
February 12, 2021



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If you have any questions or require any additional information, please contact our representative, Roger Shultz with The RoCaam Corp.

Sincerely,

*Roger Shultz*

Representative for  
Alfa Laval Inc.

## **Sole Source Notification**

3/03/21

This is to certify that The RoCaam Corp., is the sole provider in Colorado, New Mexico, Wyoming and Montana of units and parts for Alfa Laval Centrifuges, Rotary Drum Thickeners, Spiral Heat Exchangers and Ashbrook Simon-Hartley Belt Filter Presses and Gravity Belt Thickeners.


RoCaam is also the sole provider in the above referenced states minus New Mexico for JDV Equipment Corp units and parts including but not limited to Shafted and Shaftless Screw Conveyors, Digester Covers, Grit Classifiers and Heat Exchangers.

Should you have any questions, please do not hesitate to contact our office.

Best Regards,

Roger Shultz  
The RoCaam Corp.  
(303)993-4256

John Moccero



Western Regional sales Manager  
Alfa Laval. Inc.  
(832)683-7205