WaterSMART GRANT APPLICATION:

SMALL-SCALE WATER EFFICIENCY GRANT FY2018 FOA: BOR-DO-18-F009

Automated Control Gate for Cimarron Canal Diversion

GUNNISON COUNTY, COLORADO



Existing Clam-Shell Gate

<u>APPLICANT:</u> Allen Distel, President Bostwick Park Water Conservancy District 400 South 3rd. Montrose, Colorado 81401

Phone: (970)-249-8707

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Acronyms

| Name | Acronym |
|--|---------------|
| | |
| Acre feet | AF or Ac-Ft |
| Bostwick Park Water Conservancy Distr | rict District |
| Cimarron Canal Company | Company |
| Cubic feet per second | CFS or cfs |
| Colorado Division of Water Resources | CDWR |
| Funding Opportunity Announcement | FOA |
| National Environmental Policy Act | NEPA |
| Operation and Maintenance | 0&M |
| United States Bureau of Reclamation | Reclamation |
| Supervisory Control and Data Acquisition | on SCADA |
| Western Colorado Area Office | WCAO |

1 Technical Proposal and Evaluation Criteria

1.1 Executive Summary

| Date: | July 31, 2018 |
|-------------------------------|--|
| Applicant Name: | Bostwick Park Water Conservancy District |
| City: | Montrose |
| County: | Montrose/Gunnison |
| State: | Colorado |
| Estimated Project Start: | Fall 2018 |
| Project Length: | 12 Months |
| Estimated Project Completion: | Fall 2019 |
| Federal Facility: | Serves a Reclamation Project |
| Amount Requested: | \$ 15,000 |

Project Summary: The Project Sponsors, comprised of the Bostwick Park Water Conservancy District (District) and Cimarron Canal and Reservoir Company (Company) desire to install a new automated water control device near the inlet of the Cimarron Canal, the main delivery facility for the Bureau of Reclamation's Bostwick Park Project. The project will provide accurate water control and reduce over-diversion from the Cimarron River into the Cimarron Canal and the Bostwick Park Project. This structure will automatically keep the river and canal at desired flows. Flows will be recorded in real time so accurate records may be kept. This automated structure will reduce the amount of time the district personnel spends accurately setting the flows both ways. This automation will also help control runoff from storm events occurring between Silver Jack Reservoir and the Cimarron Canal headgate. In the event of a flash flood it will release the excess water into the river thus protecting the canal from overtopping and possibly causing a breach in the upper reach of the canal system. The new control structure will include SCADA equipment connected to water control gates at the headgate and reservoir so that reservoir releases can be more accurately regulated to fill downstream needs.

This automation project is comprised of acquisition and installation of an Automated Knife-gate and associated SCADA components. Total cost is estimated at \$31,449.40

Eligibility: This project falls within this FOA's Section C.3.1 – Supervisory Control and Data Acquisition and Automation.

1.2 Background

1.2.1 Bostwick Park Project

The District contracts with the Bureau of Reclamation for the storage water in Silver Jack Reservoir. The District then contracts with the Company to convey this storage water through the Cimarron Canal. The District and the Company share the cost of maintenance and repair of all District and Company works in the ratio of 65% and 35% respectively.

The Cimarron Canal begins approximately three miles downstream of Silver Jack Reservoir, storage vessel for Reclamation's Bostwick Park Project, at the diversion structure on the Cimarron River. The canal has a decreed capacity of 185 cubic feet per second (cfs) and traverses approximately 23 miles where it discharges into the private Hairpin and Vernal Mesa ditches. At this point a small flow is also diverted into the Cerro Reservoir on top of Cerro Summit. Only a minor amount of irrigation water is used in this 23-mile reach. The City of Montrose owns and operates Cerro Reservoir for domestic water supply purposes. The Vernal Mesa Ditch, with an initial capacity of at least 80 cfs, and the Hairpin Ditch, with an initial capacity of at least 45 cfs, begin at Cerro Summit. The Vernal Mesa Ditch serves the Bostwick Park Project area to the northwest. The Hairpin Ditch serves the Shinn Park and Kinikin Heights areas to the south. Other laterals and ditches subsequently originate from the Vernal Mesa and Hairpin Ditches to distribute water to the irrigated lands.

1.2.2 Crops Grown

Originally a fairly wide variety of crops were grown in the project area. They included hay, grain, and truck farm crops. The predominant crops grown at the present are alfalfa and grass hay, grain for livestock feed, and a minor amount of cereal and miscellaneous crops.

1.2.3 Project Facilities

Bostwick Park Project District facilities consist primarily of open earthen ditches/canals. A pipe/siphon is used on the Bostwick Lateral to convey the water across the valley and then goes back to an open ditch. Table 9 below shows an inventory of facilities.

| COMBINED FACILITY INVENTORY | | | |
|---|-----------------|---|--|
| DESCRIPTION | QUANTITY/LENGTH | NOTES | |
| Storage Dams | 3 | Fish Creek Numbers 1 & 2 and Silver Jack Reservoir | |
| Diversion Dams | 1 | Cimarron Canal | |
| Canals | 23 Miles | Cimarron Canal | |
| Laterals/Ditches | 49 Miles | Hairpin, Vernal Mesa, and Bostwick Lateral | |
| Drains | 7.2 Miles | Open drain ditches constructed in 1973. | |
| Siphons | 1.1 | Feeds Bostwick Lateral from East Vernal Mesa Ditch. | |
| Large Parshall Flumes | 2 | Located at headgate and mid-point of Cimarron Canal | |
| Turn-out structures with gates and flumes | Uncertain | Numerous water delivery structures to users. | |
| Spill Boxes | 15 | Used to protect canal banks from overtopping during periods of high runoff. | |

The Vernal Mesa Ditch splits on the upper (south) end of Bostwick Park into the East and West Vernal Mesa Ditches. However, this arrangement was not sufficient to provide irrigation to arable land on the far west side of Bostwick Park. Because of this the BPWCD Project developed a 24" concrete siphon approximately 1.1 miles long that carries water from the East Vernal Mesa Ditch across Bostwick Park to the Bostwick Lateral.

Ownership/Management of facilities is demonstrated in the following Table. Project water refers to storage water made available by the Bostwick Park Project works. Other water is made available by storage and direct flow water rights held by the CC & RC.

| FACILITY OWNERSHIP/MANAGEMENT | | | | |
|--|--------------------------------|--|------------------------|--|
| DISTRICT – PROJECT WORKS COMPANY WORKS | | | | |
| Silver Jack Reservoir | 13,500 acre-feet | Cimarron Canal including headgate and diversion dam. | Approximately 23 miles | |
| Bostwick Lateral | 1.771 miles Earthen ditches | Hairpin Ditch | 7.468168 Miles | |
| Bostwick Lateral Siphon | 1.1 mile 24" concrete pipe | Kinikin Ditch | 3.15351 Miles | |
| Land Drains | 6.1 miles rehab. 1.1 miles new | Waterdog Ditch | 4.298551 Miles | |
| | | Shinn Park Ditch | 3.346298 Miles | |
| | | Vernal Mesa Ditch | 11.083 Miles | |

| | East Vernal Mesa | 4.21 Miles |
|--|------------------|-------------|
| | Ditch | |
| | West Vernal Mesa | 4.484 Miles |
| | Ditch | |
| | | |

In 2018 the District installed a Fiber Optic line to the headgate for high speed Internet for the monitoring and control with live feed cameras. Also in 2018 the District installed a new ramp flume to accurately measure and record the water diverted out of the Cimarron River, this measurement will be used for the auto control of the headgate. The control and monitoring are part of the District's SCADA system, which is to be expanded as structures are installed within the system. The long-range plan is for the entire system to be completely automated.

1.2.4 Location Maps





Figure 1 Project Location Maps

The project is located about 22 miles east southeast of Montrose, Colorado at approximately 38° 15' 58"N, 107° 32' 32"W.

1.3 Project Description

1.3.1

The control structure to divert the water from the Cimarron River into the Cimarron Canal is located in Gunnison County approximately 4 miles northeast of the Silver Jack Reservoir. This structure was first built in 1902 to divert the direct flows from the Cimarron River for the ranches in the Cimarron Valley and to the farms and ranches on the mesas known as Shinn Park and Bostwick Park thru the Hairpin Canal, Shinn Park Lateral, Waterdog Lateral, and the Kinikin Lateral on the south mesa known as Shinn Park and on the North Side known as Upper and Lower Bostwick Park thru the Vernal Mesa Canal, split into The East and West Laterals. In 1972 the first water from the newly constructed Silver Jack Reservoir (a CRSP Project) was delivered thru this same canal system along with water for the newly constructed Siphon (Bostwick Lateral) to irrigate new lands on the West side of Bostwick Park. A portion of the headgate was rebuilt in 1975 to shore up some of the aging concrete.

The District is contracted with Reclamation to keep the river at desired flows. To accomplish this task the BOR reserved 1,500 acre-feet of water when Silver Jack Reservoir is full or 13.4% of the amount of water in the reservoir if it does not fill. To accomplish this task it is very important to have an accurate measurement at the diversion structure to avoid wasting of this water.

The part of the structure known as the "Clamshell" was used to let water back into the river for the downstream decree holders and the fish in the river. This structure is not watertight so it wastes a large amount of water that cannot be measured into the flow of the river. This causes the river to have too much or not enough water in it. The water is accounted for from the reserved amount of the Reclamation water in the reservoir. It is the desire of Reclamation and CPW to keep the flows in the river as long as possible and not to run out of water, therefore it is very important to have a water tight structure with accurate measurement so that the water is managed efficiently. It is very important to the irrigators that they get all of their water and not put extra water into the river at their water expense. Therefore this project will replace the "Clamshell" gate with an automated Knife Gate. This structure, when installed will automatically keep the river and Canal at desired flows. These flows will be recorded in real time so accurate records may be kept. This automated structure will reduce the amount of time the District personnel will have to spend accurately setting the flows both ways. Water for the river will be automatically controlled and recorded with the SCADA system. Automation of the Knife Gate in conjunction with the headgate will also help control storm events that occur between Silver Jack Reservoir and the headgate. In the event of a flash flood in the river excess water will be released from the Cimarron Canal thus protecting the canal from overtopping and a possible breach in the upper reach of the canal system. The control structure will have monitoring equipment installed and connected to controls on the headgate and reservoir gates in order to conserve water in the reservoir.

The project is comprised of the following specific tasks:

- Removal of existing leaky "clam-shell gate".
- Design, materials, fabrication and installation of a Knife Gate.
- Provide, install and calibrate SCADA instrumentation.

• Engineering – design review and generation of gate opening vs discharge tables.

1.4 Evaluation Criteria

1.4.1 Criterion A: Project Benefits

• Describe the expected benefits and outcomes of implementing the proposed project. What are the benefits to the applicant's water supply delivery system?

Implementation of the project will allow the District to improve water management by more accurately diverting water from Silver Jack Reservoir and the Cimarron River. Only water needed to meet downstream requirements will be released from the reservoir as automated operation of the new Knife Gate, in conjunction with the previously installed ramp flume, will allow the released water to be properly divided between the Cimarron Canal and Cimarron River. Thus storage in Silver Jack Reservoir will be maintained at the maximum level for later use by the District and instream flow purposes.

- If other benefits are expected explain those as well in consideration of the following:
 - Extent to which the proposed project improves overall water supply reliability.

Accurate diversion into the Cimarron Canal is necessary to ensure that the District and Company's water rights are being properly utilized. The project will extend storage in Silver Jack Reservoir by minimizing over-diversions, thus improving overall water supply reliability.

• The expected geographic scope of benefits from the proposed project (e.g., local, sub-basin, basin)

Operation of the diversion on the Cimarron Canal impacts the area covered by the District and Company, an area spanning approximately 100 square miles. In addition operation of the canal provides a portion of the domestic water for the City Montrose, Colorado.

In a larger context, diversions into the Cimarron Canal can impact the discharge of flows in the Cimarron River, which is a critical tributary and integral component to Reclamation's Aspinall Unit on the Gunnison River, which ultimately impacts operation for the Black Canyon Water Right, benefit of endangered fishes in the Colorado and Gunnison rivers and water levels in Lake Powell.

• Extent to which the proposed project will increase collaboration and information sharing among water managers in the region.

The project will provide more accurate diversion into the Cimarron Canal, and in conjunction with the recently installed ramp flume and an expanded SCADA system, will provide realtime water flow information to the District, Company, the State Engineer's Office, and Reclamation so that water rights, water allocations, and downstream commitments can be met.

• Any anticipated positive impacts/benefits to local sectors and economics (e.g., agriculture, environment, recreation, tourism).

According to the Outdoor Industry Association, the outdoor recreation economy generates \$28 Billion in consumer spending in Colorado alone. A major draw to Colorado outdoors is running water or instream flows. Operation of the Knife Gate, in coordination with the Silver Jack measuring device, Cimarron Canal Ramp Flume, and Cimarron River gage allow for the proper release of instream flows for the trout fishery and environmental purposes in the Cimarron River below the diversion to the Cimarron Canal. Also, as mentioned above, operation of these three gages allow for coordination of releases to supplement the Aspinall Unit's operation for benefit of the Black Canyon Water Right and endangered fishes.

 Extent to which the project will complement work done in coordination with NRCS in the area. Describe any on-farm efficiency work that is currently being completed or is anticipated to completed in the future using NRCS assistance through EQIP or other programs.

1.4.2 Criterion B – Planning Efforts Supporting the Project

• Describe how your project is supported by an existing planning effort.

According to the District's Water Management Plan (which is in the process of update), there are three critical water measuring locations for proper operation of the District. They are comprised of the

pressure transducer at Silver Jack Dam which measures water elevation/storage in the reservoir; a gaging station on the Cimarron River which measures releases from Silver Jack Reservoir; and the measuring flume recently installed at the head of the Cimarron Canal that measures water diverted into the canal. Accurate flow diversion at this location is the critical next step to efficient operation of the headgate and Silver Jack Reservoir for without water measurement good water management is impossible.

Does the proposed project implement a goal or address a need or problem identified in the existing planning effort?

The District's existing water management plan identifies accurate water measurement and the need for proper delivery of water as a water management problem.

Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.

This project is actually an extension of the water measurement components of the water management plan. The District believes it is critical to accurately divert and divide the proper flowrate from Silver Jack Reservoir. This project further implements that goal.

1.4.3 Criterion C: Project Implementation

• Describe the implementation plan for the proposed project. Please include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates.

Installation of the Knife Gate structure will take place during the 2018-2019 off-season beginning in October of 2018. Any work not completed prior to winter conditions setting in will be completed in the spring of 2018 as conditions allow.

• Describe any permits that will be required, along with the process for obtaining such permits.

No permits should be necessary. Although if a Corp of Engineers permit is required it will be under a Nationwide Permit.

• Identify and describe any engineering or design work performed specifically in support of the proposed project.

JUB Engineers and Ag Fab have completed preliminary design work on the proposed project and provided the cost-estimate and budget shown below.

• Describe any new policies or administrative actions required to implement the project.

No new policies or administrative actions are required to implement the project.

• Describe how the environmental compliance estimate was developed. Have the compliance costs been discussed with the local Reclamation Office?

Yes, environment needs have been discussed with the Western Colorado Area Office. Environmental compliance costs were estimated based on the minimum ground-disturbing aspect of the project. The project will remove an existing gate and replace it with an automated Knife Gate in the same structure/location. We believe the area was included in a previously conducted NRCS archeological survey. See Section 2 below.

1.4.4 Criterion D – Nexus to Reclamation

- Is the proposed project connected to a Reclamation project or activity? Is so, how? Please consider the following:
- Does the applicant receive Reclamation project water?

Yes. The District is the contracting entity for operation and maintenance of Silver Jack Dam and Reservoir and the Bostwick Park Project. 11,320 Ac-Ft of storage water is allocated to the District for irrigation.

• Is the project on Reclamation project lands or involving Reclamation facilities?

The proposed project is a critical component in dividing water released from Reclamation's Silver Jack Reservoir for Reclamation's Bostwick Park Project for which the District is responsible.

• Is the project in the same basin as a Reclamation project or activity?

Yes. The project is located 3 miles immediately downstream of Reclamation's Silver Jack Dam on the Cimarron River.

• Will the proposed work contribute water to a basin where a Reclamation project is located?

Waste-water from the Bostwick Park Project flows into Reclamation's Uncompany Project and is reused for irrigation purposes.

• Will the project benefit any tribe(s)?

None of Reclamation's tribe trust responsibilities will be helped with implementation of this project.

1.4.5 Criterion E – Department of the Interior Priorities

• Modernizing our infrastructure

This project will be a component to the modernization of the Cimarron Canal. Installation of an automated gate will replace an aging non-efficient gate with a modern efficient gate supported by 21st century SCADA technology.

2 Budget

2.1 Funding Plan and Letters of Commitment

• The Cimarron Canal Company and the Bostwick Park Water Conservancy District through a combination of cash and in-kind service will cover the non-federal costs for the project. The District has sufficient funds in reserve accounts available to cover the nonfederal cash needs of the project. Annual audit and financial reports are available if required.

Non-Federal Costs: \$16,450 to be provided through cash and in-kind contributions from Bostwick Park Water Conservancy District.

Amount Requested from Reclamation: \$15,000

Total Project Costs: \$31,450

2.2 Budget Proposal

| | Bostwick Park Water Conservancy District | | | | | | |
|------|--|------|----------|------------|-------------|----------|-------------|
| | Installation Costs | | | | | | |
| Item | Description | Unit | Quantity | Unit Price | Total Price | Federal | Non-Federal |
| 1 | Contractual | | | | | | |
| | Knife Gate | ea | 1 | \$14,500 | \$14,500 | \$14,500 | |
| | SCADA | ls | 1 | \$10,000 | \$10,000 | \$500 | \$9,500 |
| | Engineering Design and Review | hr | 10 | \$250 | \$2,500 | | \$2,500 |
| 2 | Equipment Usage | hr | 5 | \$61.30 | \$306.50 | | \$306.50 |
| 3 | Personnel | | | | | | |
| | Trey Denison | hr | 40 | \$20.73 | \$829.20 | | \$829.20 |
| | Allen Distel | hr | 20 | \$35 | \$700 | | \$700 |
| | Operator/Laborer | hr | 10 | \$21 | \$210 | | \$210 |
| 4 | Fringe Benefits | | | | | | |
| | Trey Denison – Full-time | hr | 40 | \$9.71 | \$388.40 | | \$388.40 |
| | Part-time employee | hr | 10 | \$1.53 | \$15.30 | | \$15.30 |
| 5 | Other | | | | | | |
| | NEPA/Cultural Resource Inventory | ls | 1 | \$2000 | \$2,000 | | \$2,000 |
| | | | | | | | |
| | | | | | | \$15,000 | \$16,449.40 |
| | Total Project Costs | | | | \$31,449.40 | | |

• The table below comprises the proposed budget for the project:

2.3 Budget Narrative

- The following is an explanation of proposed costs for the project:
 - Knife Gate- Design, Fabrication, and installation of Knife Gate -\$14,500. Ag. Fab. See bid in appendix.
 - SCADA Procurement, installation, calibration of SCADA instrumentation – Mountain Peak Controls \$10,000. See bid.
 - Design Design review, development of flow charts for gate openings. JUB Engineering \$2,500.
 - Equipment Usage The equipment needed to remove the old structure and install the new knife gate is the excavator: Kubota KX080-4. This machine was used for the installation of the ramp flume in May of 2018 and the rate for it is \$61.30 per hour. It is

estimated it will take 5 hours of machine time to remove the old structure and install the new knife gate. \$306.50 5 Hours @ \$61.30 per hour

 Personnel and Fringe - Trey Denison will be the project supervisor and will assist the contractor in the removal of the old clamshell headgate and installation of the new Knife Gate. \$1217.60 \$829.20 40 Hrs @ \$20.73 per hour and \$388.40 40 hours Fringe Benefits

Allen Distel will be the project manager and his duties will be to oversee the overall project and do all the reports and documentation needed. \$700.00 20 Hours @ \$35.00 per hour Operator/Laborer - His duties will be to operate the equipment as needed and help the contractor with hand labor if needed. \$225.30 10 Hrs @ \$21.00 per hour and \$15.30 Fringe Benefits These are the actual labor rates of the actual personnel.

 NEPA – NEPA is expected to be comprised of a Categorical Exclusion conducted by the Western Colorado Area Office at no charge, but some costs have been designated to cover unexpected issues that may arise.

3 Environmental and Cultural Resources Compliance

• Will the proposed project impact the surrounding environment?

No: The proposed project will not have an impact on the surrounding environment because the ground will not be disturbed and all the work will be within the existing concrete structure of the existing headgate.

• Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area?

The District is not aware of any threatened or endangered species, proposed or listed in the project area.

• Are there wetlands or other surface waters inside the project boundaries that potentially fall under Clean Water Act (CWA) jurisdiction as "Waters of the United States?"

No: There are not any wetlands or other surfaces waters inside the project boundaries.

• When was the water delivery system constructed?

Construction of the Cimarron Canal took place between 1899 and 1902.

• Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.

Yes: The project will remove the clamshell feature and replace it with a water tight Knife Gate to divert the water into the control gates for the canal. These features were built in the early 1900's and modified in the later years to improve the diversion into the canal. In 2017 a concrete repair was completed to repair damage to the concrete diversion wall and a new floor was poured over the floor in the entrance to the diversion.

• Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.

A Class III cultural resource inventory will likely be done on the project area. The canal is likely eligible for the NRHP, so there may be a MOA and some mitigation that will need to be done, such as Level I Documentation.

• Are there any known archeological sites in the proposed project area?

None known at this time.

• Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?

The total project cost is about \$32,000 and should not affect low income or minority populations.

• Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?

No. The project is not situated near any tribal lands.

• Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?

During the construction process, Best Management Practices will be utilized to minimize the spread of weeds from the project area.

4 Required Permits and Approvals

The project will likely qualify for the USACE's irrigation exemption or be covered under Nationwide Permit No. 5 - Scientific Measurement Devices. This permit doesn't require a Pre-Construction Notification to the USACE, and there are no Regional Conditions for Colorado associated with that permit. Any other required state or local permitting will be acquired as necessary.

5 Official Resolution

• The District Board will submit an Board Resolution committing District resources to the project within 30 days after the application deadline.

APPENDIX - Attachments

6.1 Board Resolution

APPENDIX – Attachments Board Resolution

Resolution **Board of Directors Bostwick Park Water Conservancy District**

Whereas, the Bostwick Park Water Conservancy District ("District") is a water conservancy district organized pursuant to C.R.S. 37-45-101 et seq.

Whereas, project was authorized as a participating project to the Colorado River Storage Project Act (70 Stat. 105) on September 2, 1964 by Public law 88-568 (78 Stat. 852).

Whereas, the U.S. Bureau of Reclamation completed construction of the Bostwick Park Project in1975.

Whereas, the District desires to replace an existing clamshell that regulates water from within the Cimarron Canal diversion back into the Cimarron River with a new automated, water tight knife gate, and are seeking grant funding to do so;

NOW THEREFORE BE IT RESOLVED that the Bostwick Park Water Conservancy District Board of Directors hereby:

- Designates the President of the District, Allen Distel, as the legal • authority/representative to enter into agreements related to the acquisition of grant funding for the above stated purposes
- Verifies the application for grant funding has been reviewed to the . Board's satisfaction and supports the application submitted
- Commits the necessary in-kind and cash contributions necessary to complete the proposed project as outlined in the project funding plan
- Pledges to work with Reclamation as necessary to meet established deadlines for entering into necessary funding agreements

ADOPTED this 11th day of April, 2018 by unanimous vote:

BOSTWICK PARK WATER CONSERVANCY DISTRICT

BY: <u>Allen Distel</u>

| [Quote] AG-FAB L | LC. | | |
|---|----------------------|---------------------|-------------|
| Kelly Cannell 970-209-9295 | | | |
| | | D-1-0// //00/0 | |
| agrablic@gmail.com | | Date:6/14/2018 | |
| 6648 5825 Road | | Valid Until | |
| Olathe, CO 81425 | | Quote #: | |
| | | Customer ID: | |
| Customer: | Quote/Project Desc | ription | |
| Bostwick Park Water Cons. District | Clamshell replaceme | ent with Knife Gate | |
| Attn. Allen Distel | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Description | | | Lino Total |
| Total Materials | | | \$4 800 00 |
| | | | φ4,000.00 |
| Designing/ Detailing | | | \$2,100.00 |
| | | | |
| Shop Fabrication Labor/ Coating Labor | | | \$2,800.00 |
| | | | |
| Field Labor- Tear Down/ Installation | | | \$4,800.00 |
| | | | |
| This quotation is a hudget pricing only | | | |
| Pricing subject to change | | | |
| | | | |
| | | | |
| | | | |
| Any field measurements, if required, are not included in abov | ve pricing. | | |
| Engineering by others. | | | |
| | | | |
| | | Subtotal | \$14,500.00 |
| Special Notes and Exclusions | | Discount | \$0.00 |
| Once signed, please mail or e-mail it to the provided address | S. | Tax/VAT Rate | 0.00% |
| Derivery charge will be added if rabricated any materials are i | installed by others. | Total Budget | \$14,500,00 |
| none or the pricing above includes installation. | | rotal budget | \$14,500.00 |
| No Tax has not been included in the above pricing | | | |
| | | | |
| Additional charges will be added for any significant changes | to current plans. | | |
| | | | |

Above information is not an invoice and only an estimate of services/goods described above. Payment will be collected in prior to provision of services/goods described in this quote.

Please confirm your acceptance of this quote by signing this document

| Signature | | |
|------------|--|--|
| Print Name | | |
| Date | | |

If you have any questions concerning this quote, contact Kelly Cannell 970-209-9295

Thank you for your business!