

**SOLICITATION ADDENDUM
DORFP #1
WATER PRODUCTION JOC
CITY OF BUCKEYE
CONSTRUCTION & CONTRACTING DIVISION**

ADDENDUM #1

NOTE: Attach to Original DORFP. However, if Proposal has already been returned, complete this Addendum and return for attachment to your Proposal no later than **1:00 PM, March 4, 2021 local time.**

City of Buckeye
530 East Monroe Avenue
Buckeye, Arizona 85326
Attn: Debby Fasano
623-349-6174

SOLICITATION: DORFP #1: Remove and Replace Irrigation Boxes and Screw Gates

Bid Due Date and Time: **March 4, 2021 no later than 1:00 PM local time**

Last Day for Questions: **December 26, 2021 by 5:00 PM local time**

NOTICE TO CONSULTANTS:

This Addendum forms a part of the Contract and clarifies, corrects, or modifies the original Delivery Order Request for Proposal documents prepared by the City of Buckeye.

THE FOLLOWING QUESTIONS WERE ASKED:

- Q1.** In the scope of work on page 14, it calls out Item 20 and 21 of section 300, where is this in the bid package? These items are not in the bid proposal sheet on page 9.
- A1.** Delete the Scope of Work on page 14 and replace with Attachment A.
- Q2.** The scope of work on page 14, calls out that there is an Owner's Contingency that was added to the bid sheet, this is not on the bid proposal sheet on page 9. How much is the contingency?
- A2.** A revised bid sheet is attached to include Owner's Contingency of \$60,000.00, see Attachment B.
- Q3.** Per Section 1, what permitting will be required for this project? Depending on the permitting required this may affect the design.
- A3.** Permitting will not be required as this is a City of Buckeye Water Resources Project.

Q4. Will the contractor be responsible for the design/engineering of the irrigation boxes as the City does not have a standard detail?

A4. Yes, the contractor will be responsible for irrigation box design due to the current location of the boxes in reference of other utilities that may interfere with the replacement of the box (i.e. power poles, communication pedestals, etc.) Boxes design modification may be necessary to install replacement.

Q5. Will a schedule be required with the proposal?

A5. Yes, a schedule of completion timelines will need to be provided in order to continue to provide irrigation services to our customers.

The balance of the specifications and instructions remain the same. Bidders must acknowledge receipt and acceptance of this Amendment by returning the attached Solicitation Amendment Acknowledgement Page only with the Bid.

PLEASE ACKNOWLEDGE YOUR FIRM'S RECEIPT OF THIS AMENDMENT BY SIGNING THE ATTACHED SOLICITATION AMENDMENT ACKNOWLEDGEMENT.

SOLICITATION AMENDMENT ACKNOWLEDGEMENT

**DORRFP #1 – REMOVAL AND REPLACEMENT OF IRRIGATION BOXES AND SCREW GATES
ADDENDUM NUMBER 1
ADDENDUM ISSUE DATE: March 4, 2021**

Bidder certifies that Bidder has read, understands, and will fully and faithfully comply with this Invitation to Bid, its attachments and any referenced documents. Bidder also certifies that this offer was independently developed without consultation with any of the other Bidders or potential Bidders.

Name of Company: _____

Authorized Signature: _____

Print Name Title: _____

Date: _____

Address: _____

City, State, Zip Code: _____

Telephone Number: _____

Email Address: _____

ATTACHMENT A

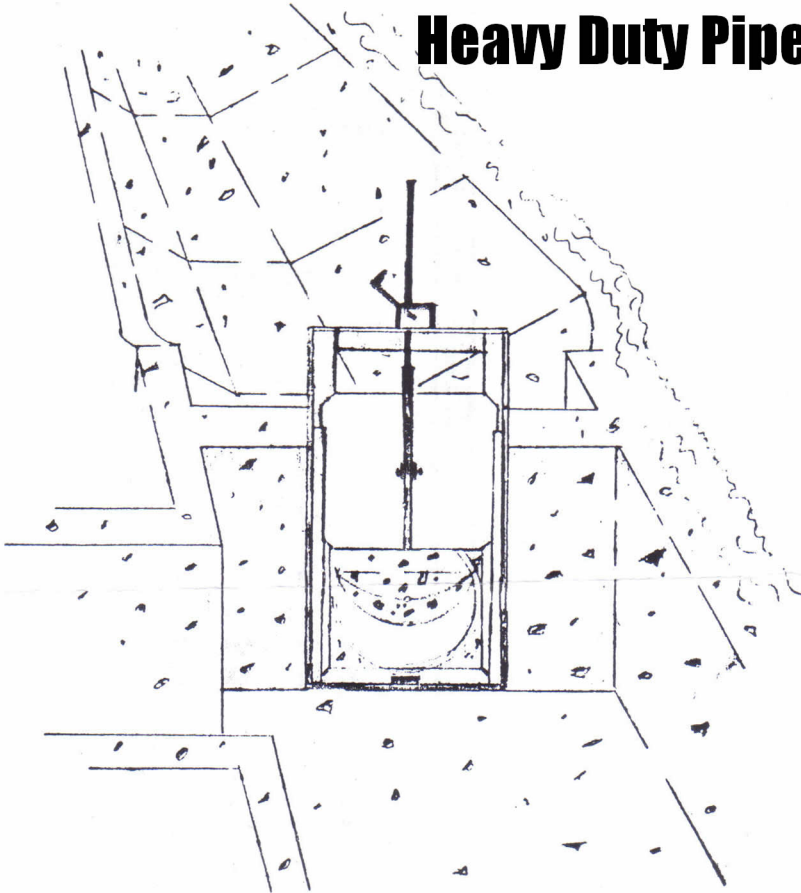
SCOPE OF WORK

Remove and replace current irrigation box and construct new irrigation boxes with new screw gates and safety bollards. All boxes will be demolished, formed, rebar reinforced and poured in place. Boxes cannot be brick block. Screw gates shall be either Fullerform or Fresno screw gates as indicated in the bid, or equivalent, will be used. All irrigation boxes will be constructed to a height of 48 inches above the current grade and buried an additional 36 inches below the lowest point of piping discharge within the lateral box. Safety bollards will be installed and painted at each location. All boxes will be constructed to an opening size of 48" x 48". Locking/hinged security lids will be installed for all box openings. The City does not know the exiting size of inlet and outlet pipes; therefore, an Owner's Contingency has been added to the bid sheet. In addition, the City does not have standard detail for the boxes at this time.

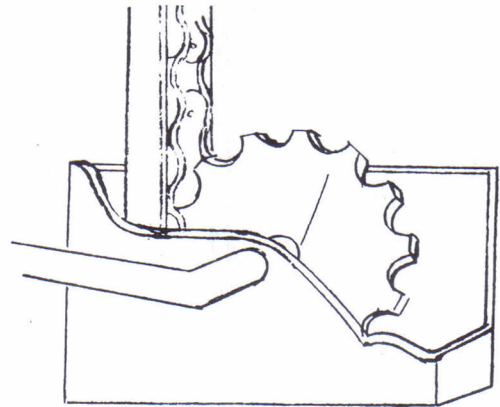


Irrigation & Waterworks

Heavy Duty Pipe Gate



GEAR DRIVE



(Also available with Handwheel)
(See Reverse Side.)

TROUBLE-FREE

Heavy-duty Pipegates are designed and built to provide years of trouble-free maintenance free, water control service.

RUST-RESISTANT VERSATILE

Built of heavy steel and specially treated to resist rust and corrosion, this gate can be installed in concrete, corrugated steel and most other types of pipe.

ONE-HANDED OPERATION

Equipped with the gear drive, this gate can easily be opened or closed in four (4) revolutions, using just one hand.

PRECISE CONTROL

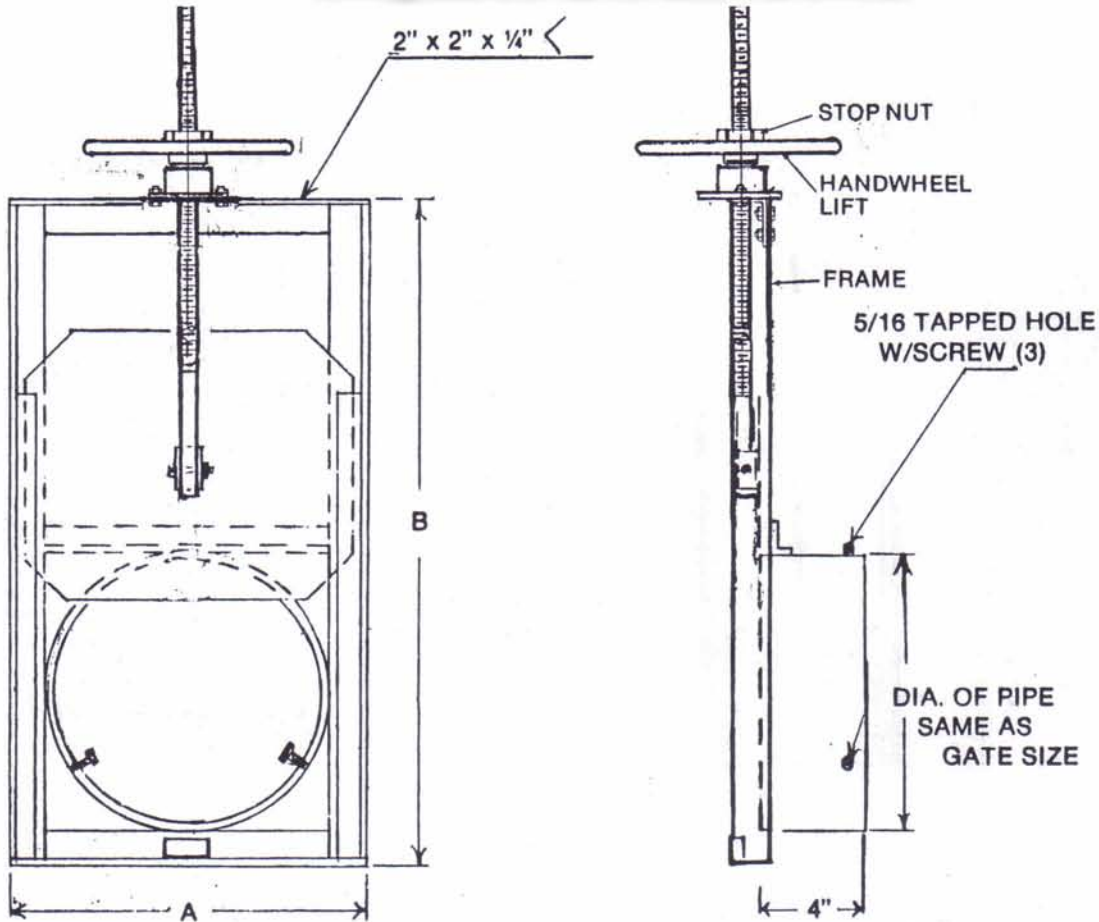
The gate can be held partially open by the simple twist lock, to allow precise water control.

LEAK-PROOF

Precision ground rings and smooth galvanized slide, assure a leak-proof closure.



Irrigation & Waterworks



(Fullerform Screwlift Heavy Duty Pipegate conforms to MAG Specs 503-B)

| GATE SIZE | A | B | SLIDE | WEIGHT |
|-----------|--------------------|--------------------|--------------|---------|
| 12" | 14 $\frac{3}{4}$ " | 32 $\frac{1}{2}$ " | 10 Ga. Galv. | 36 lbs. |
| 14" | 16 $\frac{3}{4}$ " | 36 $\frac{1}{2}$ " | 10 Ga. Galv. | 44 lbs. |
| 15" | 17 $\frac{3}{4}$ " | 38 $\frac{1}{2}$ " | 10 Ga. Galv. | 47 lbs. |
| 16" | 18 $\frac{3}{4}$ " | 40 $\frac{1}{2}$ " | 10 Ga. Galv. | 51 lbs. |
| 18" | 20 $\frac{3}{4}$ " | 44 $\frac{1}{2}$ " | 10 Ga. Galv. | 56 lbs. |
| 20" | 22 $\frac{3}{4}$ " | 48 $\frac{1}{2}$ " | 10 Ga. Galv. | 62 lbs. |
| 21" | 23 $\frac{3}{4}$ " | 50 $\frac{1}{2}$ " | 10 Ga. Galv. | 65 lbs. |
| 24" | 26 $\frac{3}{4}$ " | 56 $\frac{1}{2}$ " | 10 Ga. Galv. | 76 lbs. |
| 30" | 32 $\frac{3}{4}$ " | 68 $\frac{1}{2}$ " | 10 Ga. Galv. | 98 lbs. |

SPECIAL SIZES AVAILABLE UPON REQUEST

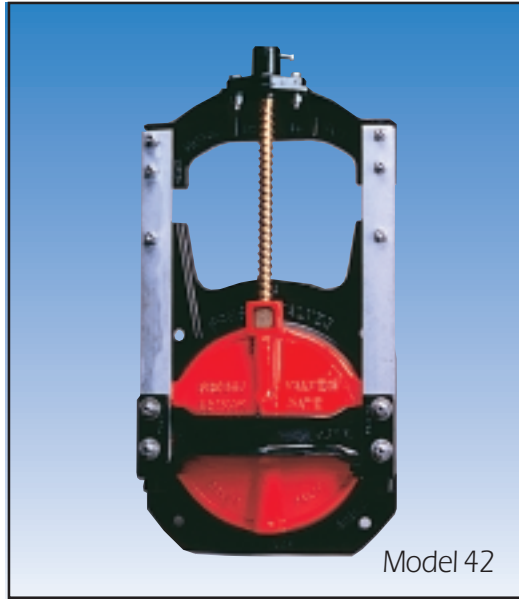
CONCRETE IRRIGATION DITCH LINING EQUIPMENT
IRRIGATION SUPPLIES

(Note: Heavy Duty Pipe Gate (above) is equal or excels in weight and quality and operational utility to the Swanson 800 Series Headgate. All Handtools, Lift Nuts; Collars and Threaded Screws are the mfg product of Fresno/Armco or Waterman, previously approved by A-DOT & others.)

DORFP No. 1
Remove & Replace Irrigation Boxes
Appendix No. 1

SERIES 4200 TYPE W PRESSURE GATE

TECHNICAL DATA SHEET



Model 42

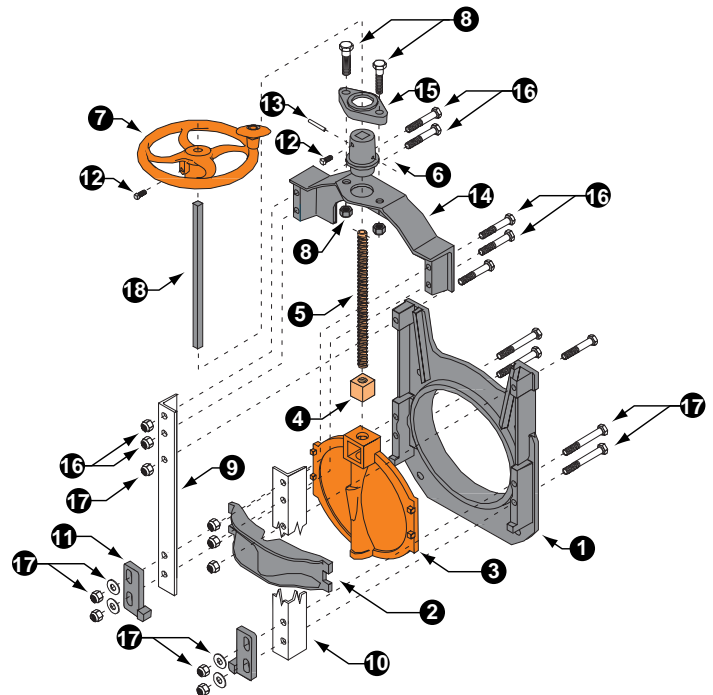
Series 4200 Type W Pressure Gate

Features

- Rugged Cast Iron frame for long life.
- Precision ground seats for watertight operation.
- Single center wedge design distributes uniform pressure at the seating surface.
- Convex slide for greater strength.
- Bronze stem provides smooth operation and corrosion resistance.
- Holds pressure in both flow directions.

Material Specifications

| Item | Description | Material | Specification |
|------|---------------------|-------------------|--------------------|
| 1 | Frame | Cast Iron | ASTM A126, Class B |
| 2 | Bar | Cast Iron | ASTM A126, Class B |
| 3 | Slide | Cast Iron | ASTM A126, Class B |
| 4 | Lift Nut | Brass | ASTM B584, C93200 |
| 5 | Screw | Brass | ASTM B584, C93200 |
| 6 | Screwhead | Cast Iron | ASTM A126, Class B |
| 7 | Handwheel w/Knob | Cast Iron | ASTM A126, Class B |
| 8 | Collar Bolts/Nuts | Steel, plated | ASTM A307, A164 |
| 9 | Side Angle, Left | Steel, galvanized | ASTM A36 |
| 10 | Side Angle, Right | Steel, galvanized | ASTM A36 |
| 11 | Stop | Cast Iron | ASTM A126, Class B |
| 12 | Set Screw | Steel, plated | ASTM A307, A164 |
| 13 | Roll Pin | Steel, plated | ASTM A307, A164 |
| 14 | Headbar | Cast Iron | ASTM A126, Class B |
| 15 | Collar | Cast Iron | ASTM A126, Class B |
| 16 | Headbar, Bolts/Nuts | Steel, plated | ASTM A307, A164 |
| 17 | Frame, Bolts/Nuts | Steel, plated | ASTM A307, A164 |
| 18 | Handle Extension | Steel, Carbon | ASTM A307, A164 |

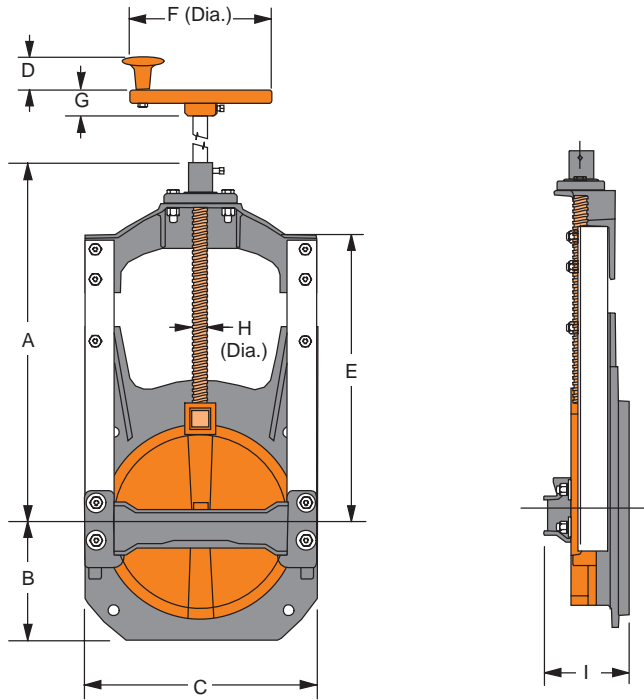


Applications

The Series 4200 Pressure Gates are designed for use in canals, flood control systems, pipeline distribution, waste water systems, oil refineries and various industrial water control applications.

SPECIFICATIONS

SERIES 4200 PRESSURE GATE



Recommended Operating Range

Maximum seating head 60 ft. (26 psi)
 Maximum unseating head 10 ft. (4.5 psi)

Installation

Series 4200 Pressure Gates are normally mounted on head walls or in pipe stands, using steel anchor bolts and grout. Flange back models may also be installed on pipe flanges.

Options

- Bronze seating surfaces.
- Rising Stem.
- Stem Extensions.
- Tapered setting collar for concrete installations.
- Special coatings.
- Stainless Steel frame & fasteners.

Dimensional Information

| Valve Size (Inches) | Weight (lbs.) | Dimensions (Inches) | | | | | | | | |
|---------------------|---------------|---------------------|-------|-------|------|-------|-------|------|------|------|
| | | A | B | C | D | E | F | G | H | I |
| 6 | 30.0 | 15.13 | 4.25 | 9.13 | 2.25 | 11.50 | 7.75 | 1.69 | 0.88 | 4.31 |
| 8 | 40.0 | 18.00 | 6.13 | 11.38 | 2.25 | 14.00 | 7.75 | 1.69 | 0.88 | 4.40 |
| 10 | 56.0 | 21.50 | 6.88 | 13.38 | 2.25 | 16.50 | 7.75 | 1.69 | 0.88 | 4.45 |
| 12 | 104.0 | 24.19 | 8.00 | 16.00 | 2.25 | 19.75 | 9.88 | 1.69 | 1.00 | 5.75 |
| 14 | 107.0 | 26.31 | 9.44 | 18.94 | 2.25 | 20.50 | 9.88 | 1.69 | 1.00 | 6.38 |
| 16 | 131.0 | 29.75 | 10.38 | 20.75 | 2.25 | 23.31 | 9.88 | 1.69 | 1.00 | 6.62 |
| 18 | 158.0 | 33.31 | 10.94 | 23.88 | 2.25 | 26.25 | 9.88 | 1.69 | 1.00 | 6.75 |
| 20 | 249.0 | 40.00 | 12.00 | 26.25 | 2.25 | 28.25 | 15.88 | 2.25 | 1.25 | 8.75 |
| 24 | 380.0 | 45.00 | 14.25 | 29.50 | 2.25 | 34.50 | 15.88 | 2.25 | 1.25 | 9.75 |



Valves & Castings, Inc.
 DORFP No. 1

Fresno Valves & Castings, Inc.

7736 East Springfield Avenue
 P.O. Box 40, Selma, CA 93662, U.S.A.

(800) 333-1658

www.fresnovalves.com

ATTACHEMENT B

LUMP SUM PROPOSAL:

The undersigned proposes to complete all of the Work in accordance with said Construction Documents, plans, specification and all associated addenda for the lump sum of:

Dollars (\$ _____).

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words shall govern.)

| Item No. | Description | Lump Sum | No. of Days |
|--------------|---|-------------|-------------|
| 1 | 609 East South Avenue: Add (2) Fresno canal screw control gates | \$ | |
| 2 | 5 th Street and Monroe: Add (2) Fresno canal screw control gates | \$ | |
| 3 | 4 th Street and Eason: Add (1) Fresno canal screw control gates | \$ | |
| 4 | 209 7 th Avenue West (In alleyway): Add (1) Fresno canal screw control gates | \$ | |
| 5 | 4 th Street and Narramore: Add (1) Fresno canal screw control gates | \$ | |
| 6 | 407 East Narramore: Add (2) Fresno canal screw control gates | \$ | |
| 7 | 509 East Narramore: Add (2) Fresno canal screw control gates | \$ | |
| 8 | 801 East Narramore: Add (2) Fresno canal screw control gates | \$ | |
| 9 | 1310 East Ironwood (In alleyway near Ramiro's Mexican Restaurant): Add (2) Fresno canal control screw gates | \$ | |
| 10 | 802 East Jackson (In alleyway); Add (2) Fresno canal screw control gates | \$ | |
| 11 | 801 East Lincoln Street: Add (2) Fresno canal screw control gates | \$ | |
| 12 | Owner's Contingency | \$60,000.00 | |
| TOTAL | | \$ | |

Submitted by: _____
SIGNATURE: _____
NAME: _____
TITLE: _____
Principal Office: _____
Address: _____

Telephone: _____
Facsimile: _____