TOWN OF CAMDEN
NOTICE AND INFORMATION TO BIDDERS

The Town of Camden will receive sealed bids for **"Concrete Repairs and Sluice Gate"** in accordance with the NOTICE AND INFORMATION TO BIDDERS, BID SPECIFICATIONS and BID FORM. All of the bid documents are a material part of this NOTICE and are incorporated by reference into this NOTICE.

The Select Board shall make an award of the contract by considering, among other things, the lowest price for a proposal meeting the bid specifications. The Town of Camden reserves the right to waive any formalities; to reject any or all bids, or to accept any bid it considers to be in the best interest of the Town after considering quality, function, service, and initial cost, without obligation to consider price only. The Town's decision in all cases will be final. Tabulation will be mailed to vendors upon request.

If a bidder finds discrepancies in, or omissions from the Project documents, or is in doubt as to the meaning of the Project documents, the bidder shall, at once, notify the Town Manager, in writing; and upon receipt of such notification, the Town Manager shall send additional written clarification concerning the issues raised in the NOTICE to all prospective bidders.

Deviations from the Contract Documents: All deviations from the contract documents must be noted in detail by the bidder, in writing, at the time of submittal of the formal bid. Bidders are expressly informed that any material deviation from the contract documents may be a basis for rejection of the proposal by the Select Board at the time that the Board considers an award of the contract.

Prices must be firm for at least ninety (90) days.

At the time of the opening of proposals, each bidder shall be presumed to have read and be thoroughly familiar with the specifications in this BID NOTICE and all enclosures. The failure or omission of any bidder to receive or examine any form, instrument, or document shall in no way relieve any bidder from any obligation in respect to the proposal submitted. Any bidder to whom a contract is awarded shall be responsible for observing applicable standards for fair employment practices and work safety.

For purposes of this BID NOTICE and all Project documents, the term "bidder" shall mean any person, company or organization submitting a Proposal pursuant to this NOTICE and the term "bid" shall mean a Proposal submitted by a bidder.

Bids shall be placed in a sealed envelope marked **"Concrete Repairs and Sluice Gate Bid"** and received in the Office of the Camden Town Manager, P.O. Box 1207, 29 Elm Street, Camden, Maine 04843 on or before **1:30 p.m., February 25, 2016 (No FAX bids will be accepted)** at which time all bids will be opened and read aloud. Bidders are invited to attend. **No proposal shall be accepted in the event that the envelope containing the proposal is not correctly marked as identified in the preceding sentence and sealed**. Prior to an award of the contract, no town official has been authorized to make any oral modifications or changes in the terms and specifications of this NOTICE.

Patricia Finnigan
Camden Town Manager
P.O. Box 1207, 29 Elm Street
Camden, ME 04843
(207) 236-3353

TOWN OF CAMDEN

BID FORM

The undersigned bidder acknowledges receipt of the NOTICE AND INFORMATION TO BIDDERS, BID FORM, AND BID SPECIFICATIONS entitled **"Concrete Repairs and Sluice Gate"** and hereby proposes to provide the work as described in the specifications for the bid price shown:

	BID PRICE
"_____"	_____

Name of Individual / Company: _____

Address: _____

_____

Printed Name of Person Signing Form: _____

Telephone: _____

Signature: _____

Date: _____

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"Concrete Repairs and Sluice Gate Bid"
and received in the Office of the Camden Town Manager,
P.O. Box 1207, 29 Elm Street, Camden, Maine 04843
on or before 1:30 p.m., February 25, 2015 (No FAX bids will be accepted.)

Concrete Repairs and Sluice Gate Installation
Seabright Dam
Camden, Maine

Scope of work: Complete concrete repairs and sluice gate replacement at the Seabright Dam in Camden Maine. Repairs shall be carried out when weather and water level allow, without interfering with the operation of the dam.

1. Install a small localized coffer dam to facilitate continued operation of the dam while repairs are carried out. Pins to facilitate installation of a small coffer dam in the sluice gate channel are available.
2. Replace the concrete pier that supports the dam sluice gate using 4000 psi concrete mix. #5 rebar and 8000 psi epoxy grout shall be used for anchoring into the existing concrete.
3. The existing wood gate and concrete pier shall be demolished by the contractor and disposed of in accordance with local, state and federal regulations.
4. Modify the concrete opening to accommodate a new stainless steel sluice gate with electric actuator.
5. The new gate shall be a Whipps, Inc. model 923 stainless steel gate, and Whipps, Inc. provided 120VAC, single phase electric actuator, or equivalent.
6. Shop drawings must be approved by the town prior to ordering the gate and actuator.
7. An alternate gate and/or actuator would need to be approved by the town before the bid is accepted.
8. The gate and actuator shall be installed in accordance with manufacturer specifications.
9. Concrete and grout shall be installed in accordance with manufacturer specifications.
10. All construction materials data sheets must be included with the bid documents.
11. Any leftover construction materials must be removed from the construction site by the contractor.
12. The contractor must provide project history for similar installations.
13. This project must be completed as soon as practical based on weather and dam pond levels, but no later than July 31, 2016.

Pictures of the existing pier and sluice gate are attached to this bid specification. Whipps, Inc. gate and actuator data sheets are also attached for review.

The repair location may be viewed prior to submitting a bid. Contact the Wastewater Department at (207) 236-7955 to schedule a site visit.

Existing Sluice Gate

Pier to be replaced

Concrete Repairs and Sluice Gate Bid

Previous Relevant Work History

1. _____

_____

_____

_____

2. _____

_____

_____

_____

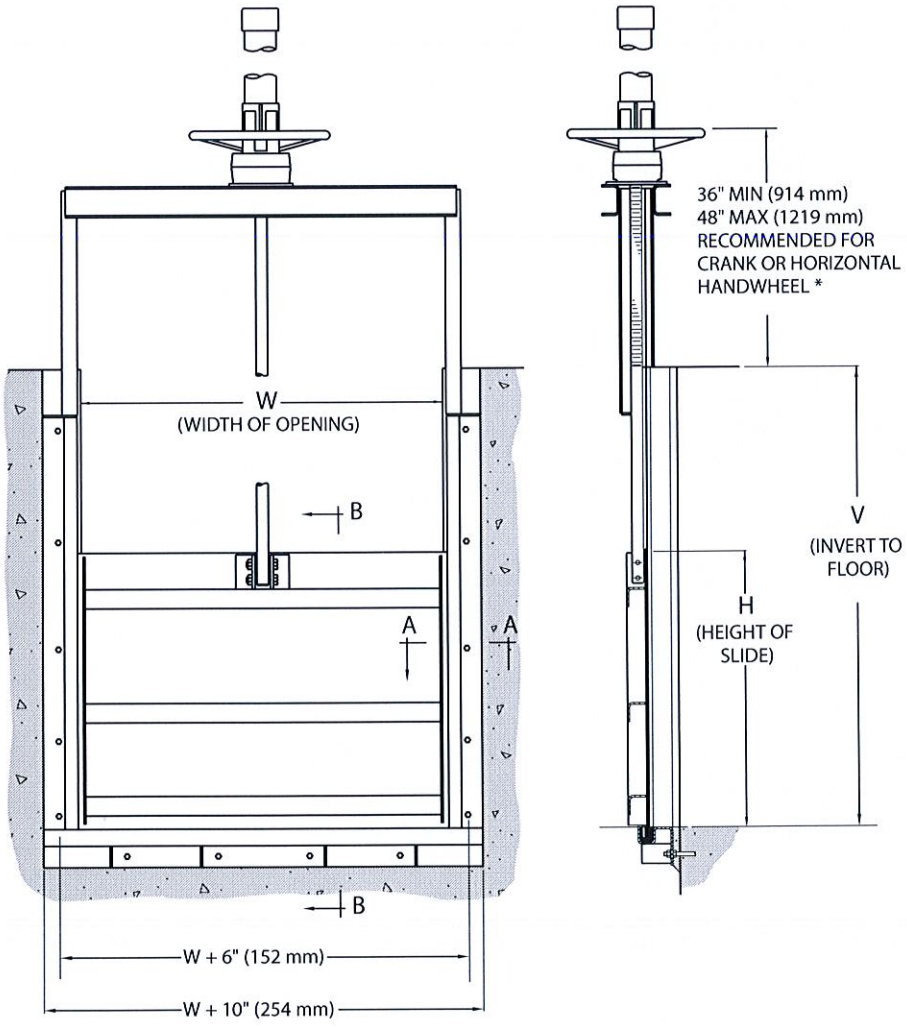
3. _____

_____

_____

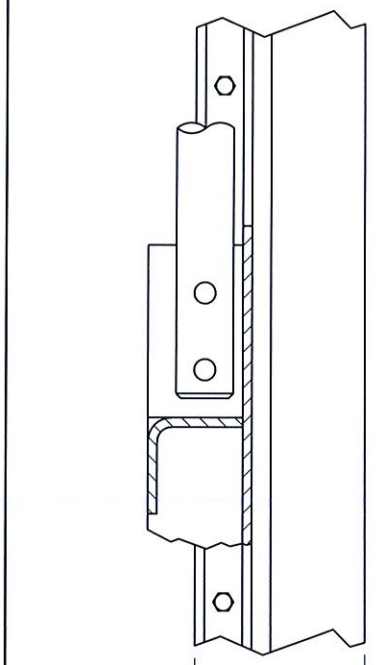
_____

Model 923 Slide Gate

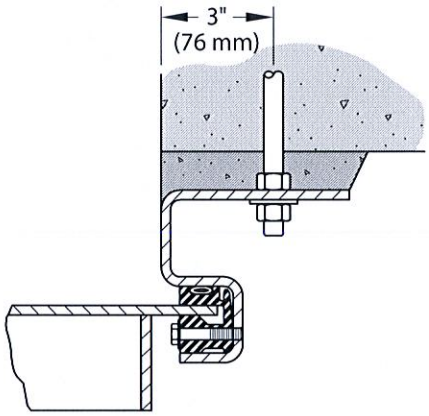


GATE ILLUSTRATED : 48" (W) x 36" (H) x 60" (V)
* SEE ACTUATORS SECTION FOR OTHER ARRANGEMENTS

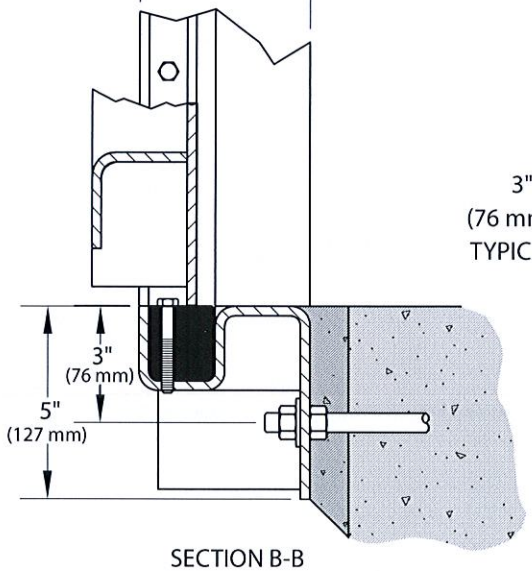
Model 923 Features



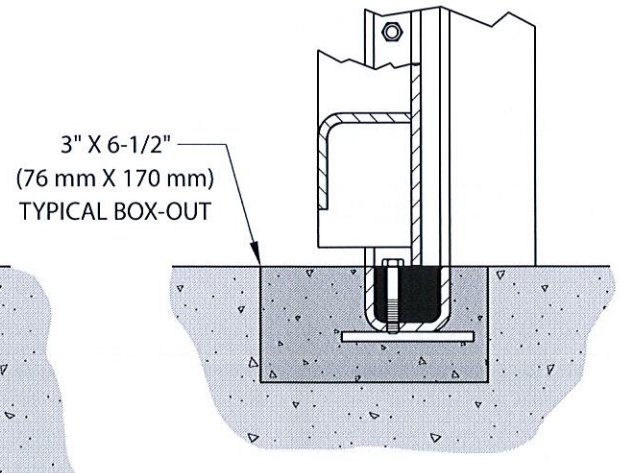
- UHMW SEAT/SEALS
- LEAKAGE 1/2 OF AWWA C-561
- WALL MOUNTED SIDE FRAMES
- OPEN CHANNEL - NO TOP SEAL
- YOKE MOUNTED ACTUATOR
- RESILIENT INVERT SEAL (FLUSH BOTTOM CLOSURE)



SECTION A-A

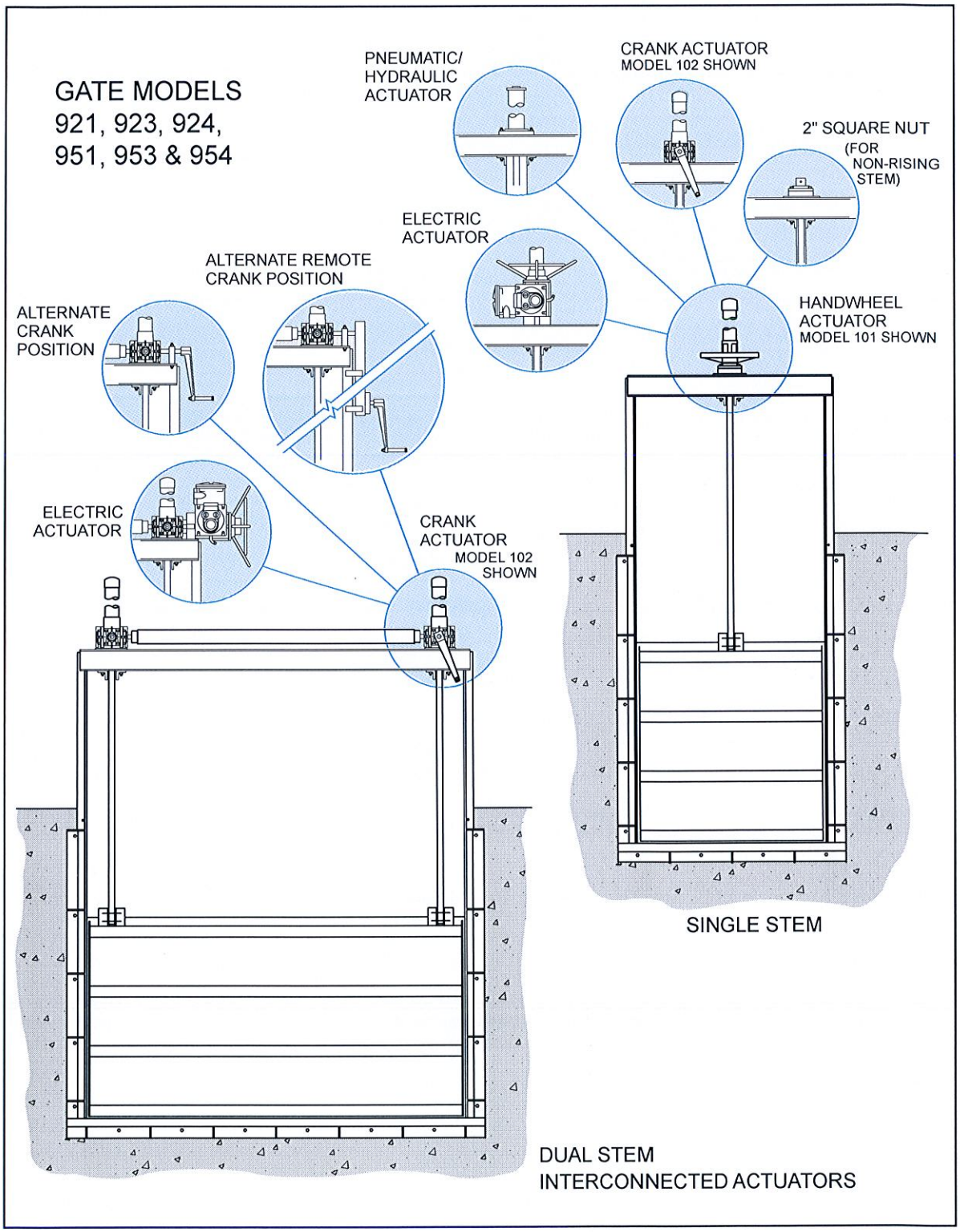


SECTION B-B



SECTION B-B
OPTIONAL EMBEDDED INVERT MEMBER

Actuators – Self Contained Gates



Quotation

Customer Reference: **7090**

AUMA Quote: **Q000033291** Rev: **0**

Item: 2 - SA14.2/AM02.1

QUOTATION

AUMA product	**Multi-turn electric actuator**
Rated output torque [lbs.ft.]	**185**
Rated output torque [Nm]	**251**
Approximate weight (lbs.)	**180**

ENVIRONMENTAL CONDITIONS

Version	**Weatherproof**
Enclosure protection	**NEMA type 4X/6P**
Version.	**Standard**
Color	**AUMA silver-grey (similar to RAL 7037)**
Ambient temperature	**-40°C - +70°C**
Nameplates	**English - aluminum (EN-AL)**
Corrosion protection	**KS**

ELECTRICAL DATA

Mains voltage	**120 Volts AC**
Phase	**1-Ph**
Frequency	**60 Hz**
Type of duty	**S2 - 15 min.**
Motor protection	**(W-1T-O140) 1Ph-1 thermal switch 140°C N.C., class F insulation, tropicalized**
Motor type	**1 ph AC motor type VE/VC/AE/AC with capacitors in motor compartment**

MOTOR DATA

Motor designation	**VC00056-2-0,450**
Nominal power (HP)	**1/2**
Nominal power (kW)	**0.45**
Nominal speed (RPM)	**3360**
Nominal current (FLA)	**11.0**
Current approx. Imax. (RTA)	**23.0**
Starting current (LRA)	**100**
NEC code letter	**V**
COS	**0.81**
Capacitor uF	**480**

ACTUATOR FEATURES

SA model	**SA 14.2**
Output speed	**26 RPM**
Valve attachment	**FA14**
Output drive	**FA14-A unmachined**
Mechanical position indicator	**Without**
Torque switches	**(6) 2 single switches for each direction**
Limit switches	**(8.2) limit switches in tandem operation for end positions (2 gear train 8 contacts)**
Position transm.	**(0) Without**
Turns per stroke	**112.00**
Operating time (seconds)	**258**
Reduction gearing	**(0) without**
Stem protection tube	**3" NPT cast iron stem tube adapter**
Optional extras	**Without**

Item: 2 - SA14.2/AM02.1 (continued)

ACTUATOR FEATURES (continued)

Heater	**(22.1) 110 V-250 V AC/DC self regulating PTC element: 5-20 W**
Motor heater	**(0) without**
Torque switching	**Setting range 74-185 lbs.ft.**
Set to close	**max.**
Set to open	**max.**
Handwheel	**12.5" (315mm)**
Stall TRQ @ 100% nom. voltage (lbs.ft.)	**272**
Break TRQ @ 100% nom. voltage (lbs.ft.)	**185**
5 min. run TRQ @ 100% nom. voltage (lbs.ft.)	**184**
10 min. run TRQ @ 100% nom. voltage (lbs.ft.)	**184**
15 min. run TRQ @ 100% nom. voltage (lbs.ft.)	**162**
Overall handwheel mech. adv.	**3.3**
Blinker switch	**No "Actuator Moving" indication via blinker transmitter**
Manual operation indicator	**No "Handwheel Activation" indication via switching contact**
Close direction	**RH - clockwise**
Limit switching	**(100) 2-500 rev/stroke adjustable**
Lubricant	**F15 - Shell ALVANIA 1029**
Electrical connection	**(S-AM-AC) actuator plug for mounting AM/AC/SEM**

ACTUATOR CONTROLS

Enclosure	**AM 02.1**
Mounting position	**Position A**
Controls	**(41.00) Standard interface board**
Type of signal	**(46.14) 110 - 125 V AC internal, or external supply**
Input signals	**(42.02) OPEN - STOP - CLOSE**
Power supply unit	**(49.2100P) Transformer, customer output: 115 V AC**
Motor controls	**(50.07) Reversing contactors for power class A2 (max. 7.5 kW)**
Motor protection	**(54.01) Thermal switch**
Selector switch	**(51.02) 3 positions, 2 levels**
LOCAL operation	**Push buttons OPEN, STOP, CLOSE**
Indication lights	**OPEN-red, FAULT-yellow, CLOSE-green**
Mounting pos. local controls	**Position A, selector switch at 6 o'clock in relation to base of controls (standard for SA/SQ)**
Face plate	**English text: Open-Stop-Close/ Local-Off-Remote/ Fault**
Output signals	**(44.03) OPEN-CLOSE/LOCAL-REMOTE**
Version logic	**Lights illuminated in mid travel**
Seating CLOSED	**Limit switch**
Seating OPEN	**Limit switch**
Fault signal	**Torque included in collective fault signal (S2 '6'=ON)**
Self locking LOCAL	**With**
Self locking REMOTE	**With**
Heater	**(53.21) Control unit heater internally supplied, without blinker**
2nd digit	**(A) Torque switch by-pass for both directions**

Item: 2 - SA14.2/AM02.1 (continued)

ACTUATOR CONTROLS (continued)

Electrical connection	**(SH-080) plug/socket 100mm, 2 x ¾" NPT; 1 x 1 ¼" NPT**

DRAWINGS

ACTUATOR DIMENSIONAL DWG	DDS100001EMAKC011
ACTUATOR SCHEMATIC WIRING DWG	MSP1AE0KC5--F2JE1TPA02R1AB-001-000 -S
OUTPUT DRIVE/MOUNTING FLANGE DWG	SK099489

OPERATION MANUALS

ACTUATOR OPERATION MANUAL	(click here)