



# Upper Occoquan Service Authority

*Leader in Water Reclamation and Reuse*

14631 COMPTON ROAD, CENTREVILLE, VIRGINIA 20121-2506  
(703) 830-2200

February 7, 2020

**TO ALL IFB RECIPIENTS:**

For UOSA IFB 20-12, Knife Gate Valve Installation

**SUBJECT: Addendum #2**

The above numbered solicitation is amended as set forth below. The hour and date specified for receipt of offers:

- |    | is not extended;
- | **x** | is extended to **February 18, 2020 at 2:00 p.m.**

**OFFERORS MUST ACKNOWLEDGE** receipt of this Addendum by one of the following methods:

- a. By SIGNING and RETURNING (1) copy of this Addendum with the bid or proposal;
- b. By acknowledgement of this Addendum on Transmittal Form submitted with the proposal;
- c. By referencing its receipt in your Transmittal Letter

If by virtue of this Addendum if you desire to change a proposal already submitted, such change may be made by letter, provided it includes reference to the solicitation and this Addendum and is received prior to the due hour and date specified.


**DESCRIPTION OF ADDENDUM:**

1. To extend the due date. The due date is changed FROM 2/13/2020 TO 2/18/2020 2:00 PM.
2. To provide answers for additional questions received. All questions and answers are provided as an attachment to this Addendum.

*All other Terms, Conditions, Tables, Charts and Specifications, and Drawings not otherwise changed remain as originally stated or as shown.*

**ISSUED BY:**

Upper Occoquan Service Authority

 2/7/2020  
 \_\_\_\_\_  
 Dustin Baker, Senior Buyer                      Date

**ACKNOWLEDGED BY:**

\_\_\_\_\_  
 Company/Offeror Name  
 \_\_\_\_\_  
 Signature of Authorized Agent                      Date  
 \_\_\_\_\_  
 Printed/Typed Name

**Prospective Bidder Questions for IFB 20-12**  
UOSA Final Effluent Valve Replacement  
(Addendum #2)

- Request clarification on exactly what UOSA will supply and what the contractor supplies. It appears that UOSA will only supply the new 36" Knife Valve and the Actuator. Is this complete, including e.g. packaging, bolts, nuts, washers, etc.?
  - The contractor should plan to include bolts, nuts, washers, and all other appurtenances required for installation beyond the valve and actuator.

Who supplies all the other items needed?

E.g. hydraulic piping, hydraulic oil, fasteners to hold the piping to the existing H-beam, all tech and maintenance manuals, etc.

- See response above.
- Is there any flexible piping / hose in the system? And if so what are the specs for it? If there isn't any flexible piping / hose or quick & disconnected fittings in the system, installation will be extremely difficult or near impossible, since piping needs to be tested on land and then installed by the divers. Request clarification.
    - Testing can be performed on land with a flexible piping/hose. Permanent installation shall be the rigid piping as specified on the contract drawings.
  - Contract Drawing C-1 Sheet 3 of 7 Sheet Notes Item 1 states, "Additional buried or submarine utilities or structures may be encountered" Does the owner know if any of these utilities or structures exist? This is very important, especially for spuds/anchors for holding barges on location.
    - The owner is not aware of any submarine structures beyond those shown on the plans for the Dam and outlet works.
  - Contract Drawing C-1 Sheet 3 of 7 General Demolition Notes Item 8 states, "Existing anchor bolts shall be sawed off flush to top of concrete or inspected and approved for reuse" Is it permissible to use other methods? (e.g. underwater oxygen arc torch for removing the anchor bolts if required)
    - Yes
  - Contract Drawing C-1 Sheet 3 of 7 shows "a 3" vent pipe to remain", but Drawing P-1 Sheet 5 of 7 shows "a 2" pipe to remain" Are there 2 different vent pipes or is this just a typo?
    - This is a typo, the 3" vent pipe shall remain.
  - Contract Specifications Attachment D has approximately 19 pages of HP3000 Series, Heavy Duty Hydraulic Cylinders Data. It certainly would be helpful to the contractor if the applicable items for this project would be marked/highlighted. Can the owner do this for quality control purposes?
    - The shop drawings from the valve supplier were provided previously.
  - Contract Specifications Attachment E Drawings show 2 Sheets for the hydraulic 36" knife gate valve, but the Pratt Catalog 2 pages shows the hand wheel operated knife gate valve. Also, Page 2 of the catalog data states "normally supplied with handwheel for manual operation, but can be modified for ...hydraulic cylinder operation"

Would it be possible to supply the contractor with a Pratt Catalog Data Sheet for the Hydraulic Operated Valve, for quality control purposes?

- The shop drawings from the valve supplier were provided previously.
- Page 3 of the catalog data sheet states under maintenance “lubricate the stem nut and stem, by using a grease gun on the grease fitting at the top of the yoke, and apply a small amount of grease to the stem threads”. This information can’t apply to this project, but this kind, or similar information, can be misleading to the contractor, and really should not be in the project specifications, so it would be preferable if it would be deleted , if possible for quality control purposes.
  - The valve submittal information which outlines standard maintenance practices.
- Pratt Drawing 19-0211-CD Note 9 “approx. weight : 4,870lbs”.  
Is this the actual weight of the valve the contractor will be installing, or is this the weight of a hand wheel operated valve?
  - This is anticipated to be the weight of the valve being supplied by the Owner.
- Contract Drawn C-2 Sheet 4 of 7 Hydraulic Control Piping Specification Item 1 states the details for the hydraulic fluid line piping. Does this specification apply to both hard and flexible hydraulic piping/hose? And if it only applies to hard piping what are the specifications for flexible piping/hoses, since the entire valve, actuator and piping are required to be assembled and tested on land prior to being installed in the water? Request specifications for some flexible piping/hose, which is needed for installation of assembled system.
  - The valve assembly may be tested on land by temporarily connecting to the existing hydraulic pressure unit with flexible hydraulic hose. Once testing has been completed satisfactorily the valve assembly shall be installed with rigid piping as specified.