Purchasing Division

ADDENDUM NO. 1

DATE: **January 27, 2022**
FROM: **City of Grand Junction Purchasing Division**
TO: **All Offerors**
RE: **IFB-5002-22-KH Flowline Replacement - Pipe & Supplies / Materials Purchase Only**

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. **Q:** Is there grant money involved, and if so do we have to abide by "AIS" or "Buy America" or something similar for material supplied?
   A: Yes, but there are no AIS or Buy America requirements for this material.

2. **Q:** Are there any drawings or specs for the 20" Butterfly valves or the 6" Air valves with butterfly isolation?
   A: There are no drawings available, but please see specifications below.

6" AIR RELEASE AND VACUUM BREAKER COMBINATION VALVES

A. Provide combination air release and vacuum breaker valves
   1. Provide integral type that functions as both an air release and a vacuum breaker valve
   2. Provide a shutoff valve
      a. 2" and smaller valve size: ball valve
      b. Larger than 2" valve size: butterfly valve

B. All connections are flange connection
   1. Tee should be MJ-Flange.
   2. Combination air valve shall be Flange Connection

20" BUTTERFLY VALVE

A. AWWA C504 Class 150B for direct bury service
   1. Valve body shall be constructed of cast iron ASTM A126 Class B and conform to AWWA C504 in terms of laying lengths and minimum body shell thickness
   2. Mechanical joint ends following AWWA C111
   3. Valve disc shall be cast iron or ductile iron furnished with Type 316 stainless steel seating edge to mate with rubber seat on body
      a. Valve disc shall seat in position at 90 degrees to pipe axis and shall rotate 90 degrees between full-open and tight-closed position. Install valves with valve shafts horizontal and convex side of disc facing anticipated direction of flow

b. Disc shall not creep or flutter under service conditions

4. Seat: Buna-N-Rubber
    a. 16-inch to 18-inch: Bonded seats that meet ASTM D429 Method B
    b. 24-inch and larger: Seats retained in the valve body by mechanical means without metal retainers or other devices located in the flow stream
    c. Retaining hardware for seats: type 304 or 316 stainless steel. Nuts and screws used with clamps and discs for rubber seats shall be held securely with locktight, or other approved method, to prevent loosening by vibration or cavitation effects
5. Valve Shaft: type 304 SS, ASTM A276
    a. Shaft bearings: stainless steel in accordance with AWWA C504. Design valve shaft to withstand 3 times amount of torque necessary to open valve
    b. Packing: Standard self-adjusting and wear compensating, split-V type, and replaceable without removing actuator assembly
6. Actuators:
    a. Provide manual actuators for single project, from same manufacturer
    b. Shaft connecting actuator to valve body must be fully enclosed. Bonnet and extension to be fully enclosed and watertight
    c. Provide bonnet extensions, as required, between valve body and actuator. Space between actuator housing and valve body shall be completely enclosed so that no moving parts are exposed to soil or elements
    d. Provide actuators for valves with size based online velocity of 12 feet per second and unidirectional service.
        i) Equip with gear manual actuator
        ii) Fully enclosed, traveling-nut type. Traveling nut shall engage alignment grooves in the housing
        iii) Traveling nut actuator shall be self-locking and designed to transmit twice the required actuator torque without damages to faces of gear teeth or contact faces of nut
    e. Oil-tight and watertight actuator housing for valves, specifically designed for buried service and factory packed with suitable grease
    f. Equipped with 2-inch actuator nut
    g. Rotation: Counterclockwise to open with the word "OPEN" and an arrow indicating the direction to open cast on valve body or operating nut
    h. Valve operating key: Provide one (1) for project, 7-foot length with tee handle

3. **Q:** Will the precast vaults required for the air/vacs and 20" BFV's be on this RFQ's bid items 7 and 10 or the contractors portion?
   A: Precast Concrete Vaults are <u>not</u> a part of this purchase.

4. **Q:** Is there a specific class of 20" butterfly valve required? CL150B or CL250B?
   A: Valves shall be CL150B.

5. **Q:** Since most pipe manufacturers are limiting shipments of pipe and will not guarantee pricing from month to month, how would the City handle the upcharges?
   A: The vendor shall utilize the Addendum One Lead Time and Order Placement Allocation Schedule to state the length of time their pricing is good for. Due to the current supply chain volatility, the offers binding 60 days language will not be in effect. The length of time must be reasonable enough to allow for approvals, and a sizable or full order to be placed.

6. **Q:** What is the timeline for this project?

A: Timelines vary based on specific projects from mid-year (June-July) to end of year (November-December). All projects must begin before end of year. There are also other factors that could affect these start dates. Please reference table below for quantities and start times of projects.

7. **Q:** Would the City entertain HDPE fusible pipe and fittings on this project?
   A: No

8. **Q:** Considering the current market conditions/supply chain issues that are happening would the City consider doing a portion of the project if material isn't available to complete the whole project?
   A: Reference answer to question #6 above.

9. **Q:** Does the city have targeted start and end dates for material deliveries?
   A: Reference answer to question #6 above.

10. **Q:** If pipe orders must be broken up due to raw material allocation, will the city accept re-pricing?
    A: Reference answer to question #5 above.

11. **Q:** Can you please clarify what the city means by "% of allocation fulfillment for order placement"?
    A: Once the order is placed (the City's intention is to place one single large order), the City wants to know what % of the order will be shipped after order placement, when it will be shipped, and when the remainder of the order will be shipped, or if it has to be broken up into multiple shipments.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

Kassy Hackett, Buyer
City of Grand Junction, Colorado

Quantities Needed for Each Project & Protected Construction Start Table

Description	***Total Quantity***	**PM Downstream Quantity**	**PM Upstream Quantity**	**KC Flow Upper Quantity**	**KC Flow Crossover Quantity**	***Rounding & Contingency***
Water Main (20") (C900 PVC, DR-18)	*37,100*	16695	20272	-	-	133
Water Main (20") (C900 PVC, DR-25)	*15,300*	-	-	10377	4820	103
Elbow (20" x11.25 deg) (MJ-MJ)	*45*	10	16	16	3	
Elbow (20" x 22.5 deg) (MJ-MJ)	*26*	5	4	12	5	
Elbow (20" x 45 deg) (MJ-MJ)	*66*	24	12	17	13	
Elbow (20" x 90 deg) (MJ-MJ)	*1*	-	-	1	-	
20" Butterfly Valve (MJ-MJ) (2" Actuator Nut)	*4*	-	-	-	4	
Tee (20" x 20" x 6") (MJ-MJ-FL)	*25*	11	11	1	2	
Wye (20" x 20") (MJ-MJ)	*4*	-	-	-	4	
Combination Air Valve (6") (Includes Flanged Butterfly Valve with 2" Actuator Nut, Air Valve)	*25*	11	11	1	2	
Construction Projected Start:		June-July	June-July	Fall/Early Winter	ASAP, waiting on materials.	

Lead Time and Order Placement Allocation Schedule (Addendum 1):
(Bidder shall indicate product/materials lead times for each line item, as well as % of allocation fulfillment for order placement)

Item No.	CDOT City Ref.	Description	Quantity	Units	Lead Time	Allocation
1	108.2	Water Main (20") (C900 PVC, DR-18)	37,100	LF		
2	108.2	Water Main (20") (C900 PVC, DR-25)	15,300	LF		
3	108.3	Elbow (20" x11.25 deg) (MJ-MJ)	45	EA		
4	108.3	Elbow (20" x 22.5 deg) (MJ-MJ)	26	EA		
5	108.3	Elbow (20" x 45 deg) (MJ-MJ)	66	EA		
6	108.3	Elbow (20" x 90 deg) (MJ-MJ)	1	EA		
7	108.3	20" Butterfly Valve (MJ-MJ) (2" Actuator Nut)	4	EA		
8	108.3	Tee (20" x 20" x 6") (MJ-MJ-FL)	25	EA		
9	108.3	Wye (20" x 20") (MJ-MJ)	4	EA		
10	108.3	Combination Air Valve (6") (Includes Flanged Butterfly Valve with 2" Actuator Nut, Air Valve)	25	EA		

Pricing is binding for: _____days

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: _____

Authorized Signature: _____

Title: _____