

“Request for Bids” – FY 15/16 OLD FILTER PLANT, DEMPSEY BOOSTER STATION, AND 5MG TANK SITE IMPROVEMENTS PROJECT CIP # 3041A

RFB #15/31/B

June 11, 2015

Addendum No. 1 – Change in bid due date. Clarifications following the Pre-Bid Conference held June 11, 2015.

Project Manager & Water Division Engineer: Eric Ulibarri, (505) 955-4279

NOTE:

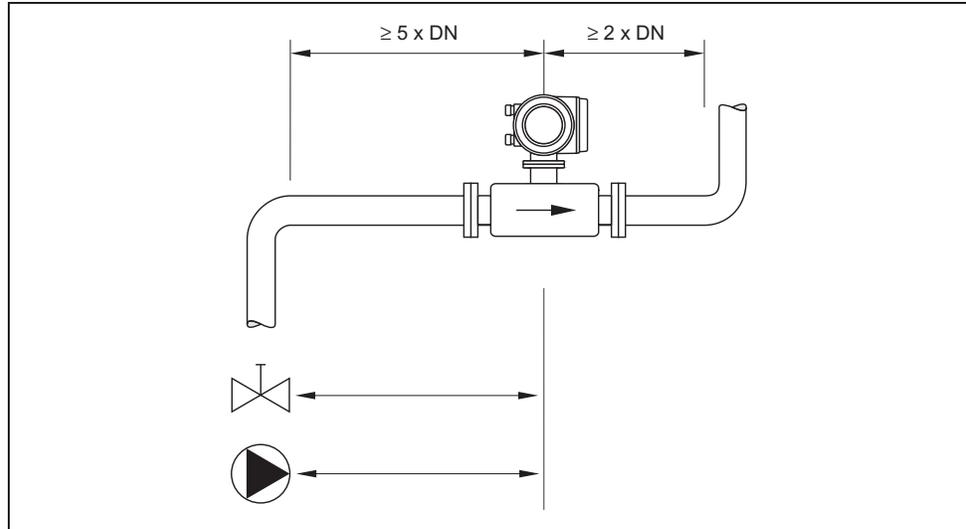
1. There has been a change in the bid opening date from June 19, 2015 to June 26, 2015. The bids are due at the same time of day and location. All questions by bidding parties must be submitted no later than June 17, 2015 at noon. The anticipated dates for recommendation for award are as follows: PUC:8/5/15, FC:8/17/15, COUNCIL:8/26/15.
2. On plan sheet (6 of 6), the PIT assembly detail has a note which reads, “17 ASSEMBLIES REQUIRED”. Please disregard this note. It should have been deleted from the plans.
3. The ‘Fixed Unit Price Schedule’ on page 22 of the RFB needs to be revised. The Estimated Quantity for ITEM No. 150 – 8” GATE VALVE (FLG x MJ) AND BOX should be (3) instead of (1).
4. Please see attached PROMAG meter data sheet for more information regarding General Note #16 on sheet (2 of 6).
5. Plan sheet (6 of 6), ‘Meter Vault Details’ requires the installation of both a dismantling joint and a D.I.P. Coupling. There will be no changes made to this requirement in the plans. It is the intention of the City of Santa Fe to have both fittings installed.
6. The section in the General Notes, (sheet (2 of 6)) titled, “METER VAULT AND PRV STATION 30 VAULT GENERAL NOTES” was inadvertently cut off. Please see attached notes intended to replace that section.
7. All penetrations at the Hydro-Generator Vault shall have link seal. This portion of the work shall be considered incidental to Bid Item No. 170 – METER VAULT ELECTRIC INSTALLATION.
8. The concrete cut-off wall is noted for removal on sheet (4 of 6). Please disregard this note. It is the intention of the City of Santa Fe for this concrete section to remain in place.
9. Domestic materials are preferred on the project but not specifically required by the contract.
10. The City of Santa Fe is the entity funding this project.
11. The attendance sheet for the Mandatory Pre-Bid Meeting is attached.

Inlet and outlet run

If possible, install the sensor well clear of assemblies such as valves, T-pieces, elbows etc.

Note the following inlet and outlet runs to comply with measuring accuracy specifications:

- Inlet run: $\geq 5 \times \text{DN}$
- Outlet run: $\geq 2 \times \text{DN}$



Inlet and outlet run

A0011905

Adapters

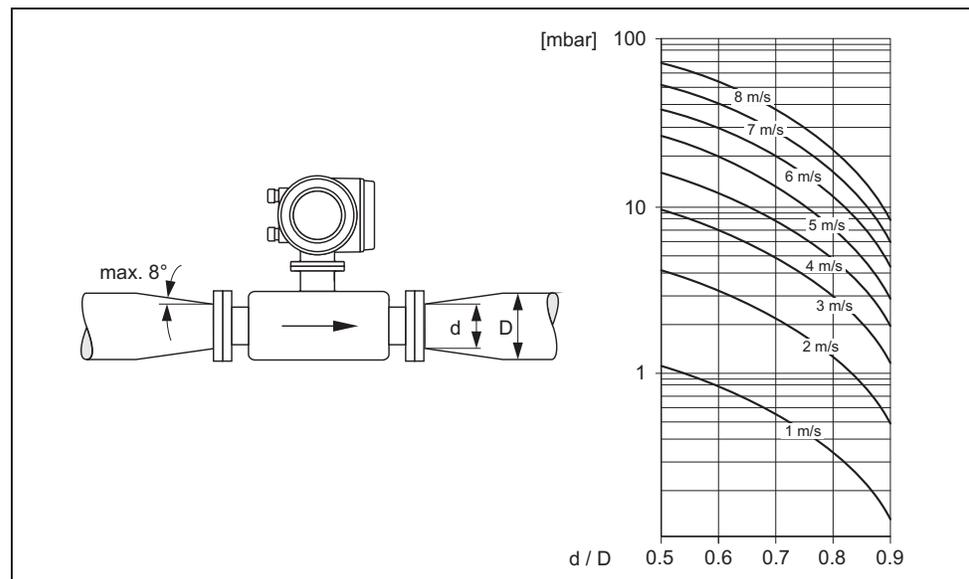
Suitable adapters to DIN EN 545 (double-flange reducers) can be used to install the sensor in larger-diameter pipes. The resultant increase in the rate of flow improves measuring accuracy with very slow-moving fluids. The nomogram shown here can be used to calculate the pressure loss caused by reducers and expanders.



Note!

The nomogram only applies to liquids of viscosity similar to water.

1. Calculate the ratio of the diameters d/D .
2. From the nomogram read off the pressure loss as a function of flow velocity (downstream from the reduction) and the d/D ratio.



Pressure loss due to adapters

A0011907

METER VAULT AND PRV STATION 30 VAULT GENERAL NOTES

- 1) SHALL CONFORM TO ASTM C 858 SPECIFICATIONS FOR "UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES"
- 2) CONCRETE SHALL BE 4000 PSI MINIMUM COMPRESSIVE STRENGTH
- 3) ALL OPENINGS SHALL HAVE ADDITIONAL STEEL REINFORCEMENT
- 4) PRV STATION 30 VAULT (SEE SHEET 6) SHALL HAVE A HALLIDAY PRODUCTS, INC. MODEL W1R3648 ACCESS DOOR, SERIES L1B LADDER WITH 12" STANDOFF AND SERIES L1E LADDER EXTENSION OR APPROVED EQUALS.
- 5) METER VAULT (SEE SHEET 6) SHALL HAVE A HALLIDAY PRODUCTS, INC. MODEL S2S072048CBDF 4' x 6' DOUBLE LEAF ALUMINUM ACCESS FLOOR DOOR, HINGED ON SHORT SIDES, SERIES L1B LADDER WITH 12" STANDOFF AND SERIES L1E LADDER EXTENSION OR APPROVED EQUALS. DOOR FRAME SHALL BE CAST INTO TOP OF VAULT.
- 6) EXCAVATION HOLE SHALL BE 2' WIDER AND LONGER THAN TOTAL OUTSIDE DIMENSIONS.

FIXED UNIT PRICE SCHEDULE

BID ITEM	DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	AMOUNT
10	DEMOLITION	LS	1		
20	COYOTE FENCE WITH SECURITY FENCE	LF	500		
30	10' GATE	EA	2		
40	3' MAN GATE	EA	1		
50	8" D.I. WATER MAIN WITH RESTRAINTS AND FITTINGS	LF	475		
60	20" D.I. WATER MAIN WITH RESTRAINTS AND FITTINGS	LF	120		
70	NON-PRESSURIZED CONNECTION TO 12" DEMPSEY	LS	1		
80	NON-PRESSURIZED CONNECTION TO 20" TRANSMISSION	LS	1		
90	PRV STATION 30	LS	1		
100	16" METER STATION	LS	1		
110	IMPORTED BACKFILL	CY	65		
120	ASPHALT PAVEMENT REMOVAL AND DISPOSAL	SY	5		
130	REPLACE CITY STREET PAVEMENT	SY	5		
140	TAPPING SLEEVE WITH TAP 8"x8"	EA	1		
150	8" GATE VALVE (FLG x MJ) AND BOX	EA	3		
160	ADJUST VALVE VAULT TO GRADE	LS	1		
170	METER VAULT ELECTRICAL INSTALLATION	LS	1		
180	POWER POLE AND TRANSFORMER REMOVAL	ALLOW	1		
Total Bid Items 10-180					\$
NMGRT				8.1875%	\$
TOTAL BID				\$	

TOTAL BID AMOUNT: _____

The City reserves the right to alter quantities based on availability of budget. If this will alter the bid amount, the bidder must note the percent increase for lesser quantities.