

ADDENDUM 1

**CITY OF AZTEC, NM  
NM 173 WATER LINE REPLACEMENT - PHASE 1  
BID FORM**

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Item #	ITEM DESCRIPTION	UNIT	AMOUNT	UNIT COST	TOTAL AMOUNT
<b>Demolition</b>					
1	Clearing and Grubbing	LS	1		\$ -
2	Remove Hydrant	EACH	1		\$ -
3	Remove Existing Signs	EACH	6		\$ -
4	Sawcut and remove existing asphalt	SY	68		\$ -
Demolition Subtotal					\$ -
<b>Water Line</b>					
5	8-in C-900 Water Line (with tracer wire)(Install Only)	LF	8660		\$ -
6	8-in C-900 11.25° bend (with thrust blocks)(Install Only)	EACH	2		\$ -
7	8-in C-900 45° bend (with thrust blocks)(Install Only)	EACH	4		\$ -
8	8-in C-900 90° bend (with thrust blocks)(Install Only)	EACH	6		\$ -
9	8-in Gate Valves (with thrust blocks)(Install Only)	EACH	21		\$ -
10	8x8x8 Tee(Install Only)	EACH	4		\$ -
11	8-in End Caps (Install Only)	EACH	2		\$ -
12	Steel Pipe Casing (Install Only)	LF	290		\$ -
13	Hydrant and Assembly (Fire Hydrant, 6-in lateral, 8"x6"x8" Tee, 6-in Gate Valve) (Install Only)	EACH	2		\$ -
14	Hydrant Bollards	EACH	2		\$ -
15	Extend and reconnect existing service	EACH	1		\$ -
16	Tie into Existing Water Line (Install Only)	EACH	2		\$ -
17	Tie into Existing Water Line at tank (Install Only)	EACH	2		\$ -
Water Line Subtotal					\$ -
<b>Surge Relief for Pump House</b>					
18	Retap air relief valve	EACH	1		\$ -
19	6-in surge anticipation surge relief valve (CLA-VAL brand)	EACH	1		\$ -
20	AWWA C110 PC 250 with flanged ends	LF	10		\$ -
21	6-in AWWA C110 tee	EACH	1		\$ -
22	6-in AWWA C110 90° bend	EACH	1		\$ -
23	Core wall penetration	EACH	1		\$ -
Surge Relief for Pump House Subtotal					\$ -
<b>Miscellaneous</b>					
24	Asphalt patchback	SY	68		\$ -
25	Reset Existing signs	EACH	6		\$ -
26	Rock Excavation	CY	175		\$ -
27	Potholing	HR	12		\$ -
Miscellaneous Subtotal					\$ -
<b>General Items</b>					
28	Mobilization	LS	1		\$ -
29	Traffic Control	LS	1		\$ -
30	Construction Survey	LS	1		\$ -
31	Quality Control/Testing	LS	1		\$ -
32	Erosion Control/SWPPP	LS	1		\$ -
33	Record Drawings	LS	1		\$ -
General Items Subtotal					\$ -
<b>Total</b>					<b>\$ -</b>

**BID FORM SCOPE OF WORK**

The scope of work for this project is listed below. The number items correspond to the bid items on the bid form.

**DEMOLITION TASKS**

1. Lump sum cost to provide all labor and equipment to clear and grub the work site in accordance with the contract documents.
2. Lump sum cost to provide all labor and equipment to remove the existing fire hydrant in accordance with the contract documents.
3. Unit cost to provide all labor and equipment to remove the existing seven signs in accordance with the contract documents.
4. Unit cost to provide all labor and equipment to saw cut, remove and dispose of 68 square yards of existing asphalt in accordance with the contract documents.

**PIPELINE INSTALLATION TASKS**

5. Unit cost to provide all labor and equipment to install 8,660 feet of 8-inch diameter C900 PVC water pipe (with tracer wire and including testing and
6. Unit cost to provide all labor and equipment to install two 8-inch diameter C900 PVC 11.5 degree bends (with thrust blocks) in accordance with the contract
7. Unit cost to provide all labor and equipment to install four 8-inch diameter C900 PVC 45 degree bends (with thrust blocks) in accordance with the contract
8. Unit cost to provide all labor and equipment to install six 8-inch diameter C900 PVC 90 degree bends (with thrust blocks) in accordance with the contract

9. Unit cost to provide all labor and equipment to install 21 8-inch diameter cast iron gate valves (with thrust blocks, valve box and covers) in accordance with
10. Unit cost to provide all labor and equipment to install four 8-inch by 8-inch by 8-inch C900 PVC tees (with thrust blocks) in accordance with the contract
11. Unit cost to provide all labor and equipment to install two 8-inch diameter C900 PVC end caps in accordance with the contract documents. All caps to be
12. Unit cost to provide all labor and equipment to install 290 feet of steel pipe sleeves in accordance with the contract documents. All steel pipe to be provided
13. Unit cost to provide all labor and equipment to install two hydrant assemblies (including hydrant, 6" pipe, tracer wire, valve, valve box and tee) in accordance
14. Unit cost to provide and install two hydrant bollards in accordance with the contract documents.
15. Lump sum cost to provide and install all materials to extend and reconnect the existing water service pipe to the new 8-inch pipe in accordance with the
16. Unit cost to provide all labor and materials to connect into the existing 8-inch pipe in two places (start and finish) in accordance with the contract documents.
17. Unit cost to provide all labor and materials to connect into the existing 8-inch pipe in two places (at the storage tank) in accordance with the contract

**SURGE RELIEF VALVE AND PIPING INSTALLATION**

18. Lump sum cost to provide all labor and equipment to tap the existing air relief valve in accordance with the contract documents.
19. Lump sum cost to provide and install the surge anticipation valve (CLA-VAL) in accordance with the contract documents.
20. Unit cost to provide and install 10 feet of 6-inch diameter AWWA C110 PC 250 pipe with flanged ends in accordance with the contract documents.
21. Lump sum cost to provide and install one 6-inch diameter tee in accordance with the contract documents.
22. Lump sum cost to provide and install one 6-inch diameter 90 degree bend in accordance with the contract documents.
23. Lump sum cost to provide all labor and equipment to core the wall penetration for the pipe in accordance with the contract documents.

**MISCELLANEOUS TASKS**

24. Unit cost to provide and install 68 square yards of asphalt patch work in accordance with the contract documents.
25. Lump sum cost to provide all labor and equipment to reset the removed signs in accordance with the contract documents.
26. Unit cost for the additional cost of performing 175 cubic yards of excavation in rock in accordance with the contract documents.
27. Unit cost for 12 hours of performing potholing to determine depths and location of buried utilities in accordance with the contract documents.

**GENERAL TASKS**

28. Lump sum cost to cover the total cost of mobilization and demobilization of equipment, materials, offices and supplies in accordance with the contract
29. Lump sum cost to provide all traffic control in accordance with the contract documents.
30. Lump sum cost to provide all construction survey work in accordance with the contract documents.
31. Lump sum cost to provide all quality control testing in accordance with the contract documents.
32. Lump sum cost to provide all erosion control activities including preparation of a SWPPP plan in accordance with the contract documents.
33. Lump sum cost to provide record drawings in accordance with the contract documents.

<b>2-inch Minus Base Course Gradation Band</b>	
<b>Sieve Size</b>	<b>% Passing</b>
2.0 inch	100
1.5 inch	97-100
No. 4	40-60
No. 200	0-12

HMA			NMDOT Type 1 Base Course			2-in Minus Subbase Course			Out of EOP	cut	234.48	CY
Area	23840.13	SF	Area	31630.29	SF	Area	23840.13	SF		fill	259.59	CY
Thickenss	4	IN	Thickenss	6	IN	Thickenss	12	IN	In EOP	cut	1513.31	CY
Volume	7946.71	CF	Volume	15815.15	CF	Volume	23840.13	CF		fill	43.36	CY
Density	147	lbs/cf	Density	135	lbs/cf	Density	135	lbs/cf	<b>Net</b>	<b>cut</b>	1747.79	CY
Tonnage	584.0832	TONS	Tonnage	1067.522	TONS	Tonnage	1609.209	TONS		<b>fill</b>	302.95	CY
										<b>Net Cut</b>	<b>1444.84</b>	CY