



## CIVIC CENTER ADA IMPROVEMENT PROJECT - PHASE 2

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization (7.5%)	LS	1	\$ -	\$ -
2	Bonding (2.5%)	LS	1	\$ -	\$ -
3	Erosion Control <sup>1</sup> (5%)	LS	1	\$ -	\$ -
4	Construction Surveying <sup>2</sup> (3%)	LS	1	\$ -	\$ -
5	Unclassified Excavation - Remove & Dispose <sup>3</sup>	CY	120	\$ -	\$ -
6	Remove & Dispose of Existing Full Depth Asphalt (2' From Existing Sidewalk)	SF	1,700	\$ -	\$ -
7	Remove & Dispose of Existing Concrete Sidewalk	SF	5100	\$ -	\$ -
8	Remove & Dispose of Existing Reinforced Concrete Stairs & Patio	SF	800	\$ -	\$ -
9	Remove & Dispose of Existing Landscape Timbers	LS	1	\$ -	\$ -
10	Construct 6" PCC Curb (Detail D-3)	LF	1900	\$ -	\$ -
11	Construct 4" PCC Sidewalk <sup>4</sup>	SF	5,400	\$ -	\$ -
12	Construct PCC Curb Ramp <sup>5</sup> (Includes Cast Iron Detectable Warning Mat)	EA	1	\$ -	\$ -
13	Construct Reinforced PCC Stairs & Patio <sup>6</sup>	SF	800	\$ -	\$ -
14	Supply & Place Compacted Hot Mix Asphalt (3" Minimum)	TON	40	\$ -	\$ -
15	Supply & Install 2" SCH 80 PVC Electrical Conduit & End Caps <sup>7</sup>	LF	110	\$ -	\$ -

16	Landscape To Match Existing Adjacent Areas <sup>8</sup>	SF	400	\$ -	\$ -
17	Supply & Install Insulation (Stairs/Sidewalk/Patio) <sup>9</sup>	SF	5,400	\$ -	\$ -
18	Supply & Install 2" SCH 80 PVC Irrigation Sleeve & End Caps <sup>7</sup>	LF	75	\$ -	\$ -
19	Supply & Install 3/4" hePEX Heat Tubing (Tubing/Fittings/Insulation Staples) <sup>10</sup>	LF	7,200	\$ -	\$ -
20	Supply & Install 1-1/2" hePEX Distribution Heat Tubing (Tubing/Fittings/Trench) <sup>11</sup>	LF	1,000	\$ -	\$ -
21	Supply & Install 2" Boiler Supply & Return Loops (Pipe/Hardware/Trench/4" PVC Sleeves) <sup>12</sup>	LF	365	\$ -	\$ -
22	Supply & Install 3" Boiler Supply & Return Loops (Pipe/Hardware/Trench) <sup>13</sup>	LF	155	\$ -	\$ -
23	Supply & Install 110 & 240 VAC Electrical Systems (Wire/Circuit Hardware/Coring/Trench) <sup>14</sup>	LS	1	\$ -	\$ -
24	Supply & Install Raypak Xfyre 850A Boiler (Boiler/Hardware/Glycol/Foundation/Structure) <sup>15</sup>	EA	1	\$ -	\$ -
25	Supply & Install 2" Gas Service ( <del>Meter</del> /Pipe/Valves/Hardware/Trench/4" PVC Sleeve) <sup>16</sup>	LF	250	\$ -	\$ -
26	Supply & Install Heating System Fractional Pumps (Pumps/Manifolds/Vaults/Hardware) <sup>17</sup>	EA	3	\$ -	\$ -
27	Construct Earthen Swale & Underdrain System (Excavation/Material Disposal/Pipe/Fabric/Cobble) <sup>18</sup>	LF	50	\$ -	\$ -
28	Construct Concrete Headwall <sup>19</sup>	EA	1	\$ -	\$ -
29	Supply & Compact Class 2 Aggregate Base Course Material	TON	100	\$ -	\$ -
30	Insulated Fiberglass Simulated Boulders (to cover fractional pump and manifolds)	EA	4	\$ -	\$ -
31	Supply & Install Signs & Posts	EA	10	\$ -	\$ -

NOTES:

1. Erosion Control - Includes permits, processes, programs, materials, equipment, & labor necessary to install, inspect, maintain, and remove storm water management best management devices. Includes site stabilization and revegetation to 70% of pre-construction condition, & surface restoration.
2. Construction Surveying - Includes materials, equipment, & labor necessary to provide location, grade, & alignment staking for construction. Includes post-construction As-Built location, grade, & alignment elevations documentation.
3. Unclassified Excavation - Includes fees, materials, equipment, & labor necessary to remove, export, & dispose of native and aggregate base materials beneath existing asphalt, curb, sidewalk, stairs, & patio for placement of new materials to achieve plan elevations and grades.
4. Construct 4" PCC Sidewalk - Includes materials, equipment, & labor necessary to form, place, joint, protect, & cure concrete sidewalk surfaces. Does not include heat tube and insulation.
5. Construct PCC Curb Ramp - Includes materials, equipment, & labor necessary to form, place, joint, protect, & cure concrete curb ramp surfaces. Includes supply and installation of cast iron detectable warning mat. Does not include heat tube and insulation.
6. Construct Reinforced PCC Stairs & Patio - Includes materials, equipment, & labor necessary to form, reinforce, place, joint, protect, & cure concrete stairs & patio to match existing elevations and dimensions. Does not include heat tube and insulation.
7. Supply & Install 2" SCH 80 PVC Conduit & End Caps (Electrical & Irrigation Sleeves) - Includes materials (pvc pipe, primer, glue, end caps, trench bedding), labor, & equipment necessary to trench, place conduit, backfill, and compact trench materials.
8. Landscape To Match Existing Adjacent Areas - Includes materials (woven landscape fabric, staples, pea gravel), labor, & equipment necessary to match surrounding landscaping in areas where sidewalk and asphalt are removed and not replaced.
9. Supply & Install Insulation - Includes polystyrene foam board, labor, and equipment necessary to place insulation within new concrete sidewalks, stairs, & patio.
10. Supply & Install 3/4" hePEX Heat Tubing - Includes materials (tubing, staples, fittings), labor, and equipment necessary to place heat tubing within new concrete sidewalks, stairs, & patio. Also includes connection to new manifolds and fractional pumps.
11. Supply & Install 1-1/2" hePEX Distribution Heat Tubing - Includes materials (tubing, fittings, trench bedding), labor, and equipment necessary to join manifolds and fractional pumps to 3/4" hePEX heat tubing within new concrete sidewalk, stairs, and patio.
12. Supply & Install 2" Boiler Supply & Return Loops - Includes materials (pipe, hardware, trench bedding), labor, & equipment necessary to trench, place loops, connect to boiler, connect to manifolds and fractional pumps, backfill, and compact trench materials.
13. Supply & Install 3" Boiler Supply & Return Loops - Includes materials (pipe, hardware, 4" PVC sleeves, trench bedding), labor, & equipment necessary to trench, place loops, connect to boiler, connect to manifolds and fractional pumps, backfill, and compact trench materials.

14. Supply & Install 110 & 240 VAC Electrical Systems - Includes materials (wire, conduit, breakers, circuit box connections, hardware, etc.), labor, & equipment necessary to provide electric power circuits for boilers and fractional pumps.
15. Supply & Install Raypak Xfyre 850A Boiler - Includes materials, labor, and equipment necessary to place a new boiler on a new reinforced concrete foundation, connect to new gas and electric services, connect to manifolds and fractional pumps, condensate discharge line, 6-inch flue with condensate trap (flue to include B-vent fire stop, vent pipe support brackets, roof jacket, and storm collar), and construct a new wall and roof structure.
16. Supply & Install 2" Gas Service - Includes materials (pipe, valves, fittings, meter, 4" PVC sleeve, trench bedding), labor, and equipment necessary to join existing natural gas line to new boiler, **and coordination with Southwest Gas.**
17. Supply & Install Heating System Fractional Pumps - Includes materials (pumps, manifolds, vaults, hardware), labor, and equipment necessary to place and connect new fractional pumps and manifolds to boiler supply and return lines, and distribution heat tubing.
18. Construct Earthen Swale & Underdrain System - Includes materials (pipe, bedding, fabric, cobble), labor, and equipment necessary to excavate and dispose of existing native materials, and place a perforated underdrain, drain pipe, fabric, and cobble. Does not include reinforced concrete headwall.
19. Construct Concret Headwall - Includes materials (concrete, rebar), labor, and equipment necessary to construct a new reinforced concrete headwall at the downstream end of the new earthen swale and underdrain system.