

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	*1. Workman Industrial Services PRICE	*1. Workman Industrial Services AMOUNT	2. Kenmore Construction Co. PRICE	2. Kenmore Construction Co. AMOUNT	3. Shook Inc. Northern Div PRICE	3. Shook Inc. Northern Div AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$18,718.00	\$18,718.00	\$10,356.00	\$10,356.00	\$10,000.00	\$10,000.00	\$12,227.00	\$12,227.00
2	624	Mobilization	1	L.S.	\$15,718.00	\$15,718.00	\$12,399.00	\$12,399.00	\$5,000.00	\$5,000.00	\$30,000.00	\$30,000.00
3	SPEC	Building and Piping Demolition (As Per Plan) - To include all demolition called for on the plans within or associated with buildings, including piping demolition, all proposed wall and roof openings, asbestos sampling of roof materials, all proposed floor openings, demolition for women's restroom modifications, demolition for library modifications, etc. Demolition of the third floor windows is included in a separate pay item.	1	L.S.	\$40,300.00	\$40,300.00	\$77,561.00	\$77,561.00	\$70,000.00	\$70,000.00	\$123,348.00	\$123,348.00
4	SPEC	Maintaining Service (As Per Plan) - To include all coordination, scheduling, temporary piping, valves, electric, controls, and utilities to maintain plant service.	1	L.S.	\$40,000.00	\$40,000.00	\$33,387.00	\$33,387.00	\$2,000.00	\$2,000.00	\$23,733.00	\$23,733.00
5	SPEC	Removal of Chemical Feed Lines (As Per Plan) - To include coordination and scheduling with the owner to ensure lines can be removed and the removal and disposal of all lines that are not within a building that are scheduled for demolition.	1	L.S.	\$11,751.00	\$11,751.00	\$30,487.00	\$30,487.00	\$25,000.00	\$25,000.00	\$43,979.00	\$43,979.00
6	SPEC	Installation of 1" Chemical Feed Line (As Per Plan) - To include all materials, supervision and labor to install 1" HDPE chemical feed lines in conduit between buildings and vaults and intermediate connection points.	7,284	LN.FT.	\$7.00	\$50,988.00	\$6.50	\$47,346.00	\$6.00	\$43,704.00	\$5.62	\$40,936.08
7	SPEC	Installation of 1.50" Chemical Feed Line (As Per Plan) - To include all materials, supervision and labor to install 1.50" HDPE chemical feed lines in conduit between buildings and vaults and intermediate connection points.	390	LN.FT.	\$8.00	\$3,120.00	\$12.00	\$4,680.00	\$10.00	\$3,900.00	\$3.50	\$1,365.00
8	SPEC	Miscellaneous Fittings and Piping (As Per Plan) - To include all HDPE to PVC adapters, flexible hose, adapters, pipe (all types)and pipe support required to transition proposed piping to existing piping as required. Incidental, pipe, hose or valve removal to be included in this pay item. All pipe hangers or brackets abandoned as a result of these connections to be removed as part of this item.	1	L.S.	\$33,000.00	\$33,000.00	\$44,275.00	\$44,275.00	\$5,000.00	\$5,000.00	\$29,340.00	\$29,340.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	*1. Workman Industrial Services PRICE	*1. Workman Industrial Services AMOUNT	2. Kenmore Construction Co. PRICE	2. Kenmore Construction Co. AMOUNT	3. Shook Inc. Northern Div PRICE	3. Shook Inc. Northern Div AMOUNT
9	SPEC	1" Diaphragm Valve (As Per Plan) - To include the materials and labor to install 1" diaphragm valves and valve support.	30	EACH	\$225.00	\$6,750.00	\$630.00	\$18,900.00	\$300.00	\$9,000.00	\$206.17	\$6,185.10
10	SPEC	4" Conduit Installation (As Per Plan) - To include materials and installation of proposed 4" conduit runs to include excavation, bedding, backfill, structure penetrations, connection to existing conduit, and surface restoration.	461	LN.FT.	\$64.00	\$29,504.00	\$81.00	\$37,341.00	\$40.00	\$18,440.00	\$78.91	\$36,377.51
11	SPEC	Vault 6 Modifications Complete (As Per Plan) - To include connections that may include HDPE to PVC adapters, diaphragm valves, flexible hose connections per details. Any adapters, pipe stubs and pipe support required to be provided and installed by the Contractor and included in the cost bid for this item. Valve supports, stem risers, valve castings, vault coring for castings, labels and all requirements of the plans and details to be included in this item.	1	L.S.	\$16,110.00	\$16,110.00	\$44,459.00	\$44,459.00	\$3,000.00	\$3,000.00	\$19,437.00	\$19,437.00
12	SPEC	Bulk Tank/Overflow Piping and Valves (As Per Plan) - To include all proposed bulk tank fill lines, fill connections, discharge lines to the day tanks, valves, overflow piping, overflow inlets, vents, overflow piping to basement storage tanks.	1	L.S.	\$55,225.00	\$55,225.00	\$52,541.00	\$52,541.00	\$240,000.00	\$240,000.00	\$83,691.00	\$83,691.00
13	SPEC	Cleaning Bulk Tanks (As Per Plan)	1	L.S.	\$10,500.00	\$10,500.00	\$9,350.00	\$9,350.00	\$6,000.00	\$6,000.00	\$9,351.00	\$9,351.00
14	SPEC	Basement Overflow Tank Rehabilitation, West (As Per Plan) - Includes all work associated with the cleaning, grouting, coating and piping for the rehabilitation of the basement containment tank. Item includes all piping, valving, controls, and pumps to provide a complete system.	1	L.S.	\$14,200.00	\$14,200.00	\$47,857.00	\$47,857.00	\$30,000.00	\$30,000.00	\$40,751.00	\$40,751.00
15	SPEC	New Basement Overflow Tank, East (As Per Plan) - Includes all work associated with the cleaning, containment wall construction, grouting, coating and piping for the construction of the basement containment tank. Item includes all piping, valving and pumps to provide a complete system.	1	L.S.	\$10,400.00	\$10,400.00	\$70,814.00	\$70,814.00	\$30,000.00	\$30,000.00	\$60,860.00	\$60,860.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	*1. Workman Industrial Services PRICE	*1. Workman Industrial Services AMOUNT	2. Kenmore Construction Co. PRICE	2. Kenmore Construction Co. AMOUNT	3. Shook Inc. Northern Div PRICE	3. Shook Inc. Northern Div AMOUNT
16	SPEC	Day Tank Systems Complete (As Per Plan) - Includes HDPE day-tanks, feed pump tables, chemical feed pumps, level detectors, scales, piping, valves, tubing, piping, hangers, supports etc as required for a complete operational day-tank system installation. Piping will continue to the basement and include the carrier water piping and appurtenances.	1	L.S.	\$292,835.00	\$292,835.00	\$198,330.00	\$198,330.00	\$257,000.00	\$257,000.00	\$312,600.00	\$312,600.00
17	SPEC	Structural Repair and Concrete Work (As Per Plan) - Includes all proposed concrete repair or installation. Floor and wall repair, third floor containment curb, pump pedestals/pads, scale pads, tank pads and all concrete work required.	1	L.S.	\$35,000.00	\$35,000.00	\$29,438.00	\$29,438.00	\$50,000.00	\$50,000.00	\$34,722.00	\$34,722.00
18	SPEC	Electrical and Controls (As Per Plan) - Includes all electrical coordination, demolition, materials and installation. To include all motor starters/controllers and all wet floor alarms. Includes all control equipment coordination, materials, equipment, installation and programming. To include both the coagulant feed system controls and bulk tank fill control systems.	1	L.S.	\$175,000.00	\$175,000.00	\$208,425.00	\$208,425.00	\$250,000.00	\$250,000.00	\$171,408.00	\$171,408.00
19	SPEC	Camera System (As Per Plan)	1	L.S.	\$14,000.00	\$14,000.00	\$12,420.00	\$12,420.00	\$10,000.00	\$10,000.00	\$16,895.00	\$16,895.00
20	SPEC	Painting and Coatings (As Per Plan)	1	L.S.	\$128,700.00	\$128,700.00	\$138,075.00	\$138,075.00	\$150,000.00	\$150,000.00	\$153,543.00	\$153,543.00
21	SPEC	Plumbing (As Per Plan) - Includes all plumbing coordination, demolition, materials, labor and installation of the domestic water lines (eyewashes, POU heaters, hose-bibbs etc) and sanitary plumbing.	1	L.S.	\$30,000.00	\$30,000.00	\$31,352.00	\$31,352.00	\$40,000.00	\$40,000.00	\$37,436.00	\$37,436.00
22	SPEC	Window Coating Application, Film (As Per Plan) - Includes window frame and glazing rehabilitation and window film installation on the windows of the third floor of the East Chemical Building. Samples from the existing window glazing and caulking indicate that these materials contain 3%-4% chrysotile asbestos fibers. The management of these materials shall be considered incidental to this pay item.	1	L.S.	\$47,000.00	\$47,000.00	\$40,479.00	\$40,479.00	\$5,000.00	\$5,000.00	\$25,100.00	\$25,100.00
23	SPEC	Architectural Work (As Per Plan) - Includes coordination, materials and installation of the railings, stairs, steps, tiling, wall repair, lockers, doors, hardware, extinguishers and all ancillary items. Includes providing and installing all warning and safety signs.	1	L.S.	\$129,500.00	\$129,500.00	\$129,577.00	\$129,577.00	\$100,000.00	\$100,000.00	\$103,893.00	\$103,893.00

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	*1. Workman Industrial Services PRICE	*1. Workman Industrial Services AMOUNT	2. Kenmore Construction Co. PRICE	2. Kenmore Construction Co. AMOUNT	3. Shook Inc. Northern Div PRICE	3. Shook Inc. Northern Div AMOUNT
24	SPEC	Basin Office SCADA Switch (As Per Plan) - Includes coordination and materials to provide a new SCADA switch as specified by the City of Akron, to be installed by others.	1	ALLOW	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00	\$4,200.00
25	SPEC	Architectural Finishes Re-Work - Bidders shall presume that any architectural finishes re-work necessitated by the removal of existing piping, equipment, or work of this project shall be considered incidental to the item necessitating the work. This bid item shall include an additional Architectural Finishes Re-Work Allowance of \$15,000 to be used at the discretion of the City of Akron for additional Architectural Finishes Re-Work above and beyond what is necessitated by the project.	1	ALLOW	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00	\$15,500.00
<u>ALTERNATE #1</u>												
ALT#1	SPEC	Window Replacement (As Per Plan) - Includes coordination, demolition and installation of new windows on the third floor of the East Chemical Bldg. Samples from the existing window glazing and caulking indicate that these materials contain 3%-4% chrysotile asbestos fibers. The management of these materials shall be considered incidental to this pay item.	1	L.S.	\$46,000.00	\$46,000.00			\$0.00	\$0.00		\$0.00
TOTAL CONSTRUCTION COSTS						\$1,228,019.00		\$1,349,549.00		\$1,382,744.00		\$1,436,877.69
+/- ENGINEER'S ESTIMATE								+9.9%		+12.6%		+17.0%
<u>ALTERNATE #1</u>												
TOTAL CONSTRUCTION COSTS						\$46,000.00	\$65,739.00	\$65,739.00	\$68,500.00	\$68,500.00	\$35,804.00	\$35,804.00
+/- ENGINEER'S ESTIMATE								+42.9%		+48.9%		-22.2%

* Addendum #1 acknowledgement not signed and dated