

CITY OF WARM SPRINGS, GEORGIA
 WATER SYSTEM IMPROVEMENTS FOR RADIUM REMOVAL
 RECEIVED NOVEMBER 13, 2013

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
02100.01	CLEARING & GRUBBING: INCLUDES TREE & STUMP REMOVAL AND DISPOSAL	LS	1	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$24,900.00	\$24,900.00
02200.01	GRADING: INCLUDES REMOVAL OF UNSUITABLE SOILS AND REPLACEMENT OF SUITABLE SOILS IN AREAS OF CONCRETE SLABS AND FINAL SMOOTHING	LS	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$15,000.00	\$15,000.00
02225.01	ADDITIONAL STONE BEDDING FOR WET TRENCH CONDITIONS (ALLOWANCE)	CY	30	\$50.00	\$1,500.00	\$30.00	\$900.00	\$45.00	\$1,350.00
02227.01	ROCK REMOVAL - TRENCH ROCK	CY	40	\$100.00	\$4,000.00	\$100.00	\$4,000.00	\$100.00	\$4,000.00
02270.00	EROSION CONTROL	LF	500	\$2.00	\$1,000.00	\$2.00	\$1,000.00	\$2.75	\$1,375.00
02270.01	SILT FENCE - TYPE A	LF	190	\$5.00	\$950.00	\$10.00	\$1,900.00	\$3.30	\$627.00
02270.02	INLET SEDIMENT TRAP WITH HAYBALES								
02270.03	CONSTRUCTION EXIT/TEMPORARY DRIVEWAY-COMLETE. INCLUDES INSTALLATION & MAINTENANCE OF TEMPORARY DRIVEWAY; PROTECTION OF EX. SIDEWALK, STORM STRUCTURES, ETC.	LS	1	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00
02300.00	BORING AND JACKING								
02300.01	JACK AND BORE CONVENTIONAL-COMLETE WITH 12" STEEL CASING AND 4" C900 DR. 18 PVC FORCE MAIN PIPE, RESTRAINED JOINTS	LF	50	\$220.00	\$11,000.00	\$140.00	\$7,000.00	\$218.57	\$10,928.50
02300.02	FREE BORE UNDER ASPHALT DRIVEWAY WITH 4" DR. 18 PVC, RESTRAINED JOINTS REQUIRED	LF	21	\$38.00	\$798.00	\$100.00	\$2,100.00	\$105.90	\$2,223.90
02601.00	MANHOLES								
02601.01	CONNECT 4" PVC BACKWASH DRAIN LINE TO EXISTING MANHOLE; CORE, BOOT, ETC. REQUIRED - COMPLETE	LS	1	\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00
02660.00	WATER DISTRIBUTION SYSTEMS								
02660.01	SITE PIPING, RAW AND FINISHED WATERLINES: TO INCLUDE 6" AND 8" DIA. PRESSURE CLASS 380 DIP; INCLUDES BLOCKING, TRENCHING, FITTINGS, CONNECTIONS TO FILTER POD, ETC.	LS	1	\$35,000.00	\$35,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00
02660.02	6" M.J. GATE VALVE; INCLUDES VALVE BOX, CONCRETE COLLAR, VALVE MARKER, DEBRIS CAP, ETC.	EA	2	\$900.00	\$1,800.00	\$1,700.00	\$3,400.00	\$850.00	\$1,700.00
02660.03	6" FL. BUTTERFLY VALVE WITH HANDWHEEL & POSITION INDICATOR; INCLUDES INSTALLATION ON EXISTING ABOVE GROUND VERTICAL PIPING TO EX. AERATION TOWER, FITTINGS, FLANGE ADAPTER, ETC.	EA	1	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,100.00	\$2,100.00
02660.04	10" FL. BUTTERFLY VALVE WITH HANDWHEEL & POSITION INDICATOR; INCLUDES INSTALLATION ON EXISTING ABOVE GROUND PIPING BETWEEN EX. AERATION TOWER AND CLEARWELL	EA	1	\$1,800.00	\$1,800.00	\$1,800.00	\$1,800.00	\$2,800.00	\$2,800.00
02660.05	CONNECTION OF PROPOSED 6" DIP WATERLINE TO EX. 6" DIP WATERLINE VIA CUT IN WITH 6"x6"x6" M.J. TEE	EA	1	\$2,200.00	\$2,200.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00
02660.06	CONNECTION OF PROPOSED 6" DIP WATERLINE TO EX. 10" DIP WATERLINE VIA CUT IN WITH 10" X 10" X 6" FL. TEE	EA	1	\$2,600.00	\$2,600.00	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
02660.07	4" DIA. C900 DR. 18 PVC WATERLINE; INCLUDES TRENCHING, FITTINGS, ETC. (SHEET WL1)	LF	240	\$30.00	\$7,200.00	\$25.00	\$6,000.00	\$50.00	\$12,000.00
02660.08	CONNECT 4" WATERLINE TO EXISTING 2" WATERLINE; INCLUDING ALL FITTINGS, TRENCHING, ETC. (SHEET WL1)	EA	1	\$750.00	\$750.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
02660.09	CONNECT 4" WATERLINE TO EXISTING 3/4" WATERLINE; INCLUDING ALL FITTINGS, TRENCHING, ETC. (SHEET WL1)	EA	1	\$1,200.00	\$1,200.00	\$2,400.00	\$2,400.00	\$900.00	\$900.00
02660.10	6" X 4" TAPPING SLEEVE AND VALVE (SHEET WL1)	EA	1	\$3,000.00	\$3,000.00	\$3,300.00	\$3,300.00	\$3,000.00	\$3,000.00
02660.11	POST HYDRANT INCLUDING 4" GATE VALVE, CONCRETE ANCHOR, ETC. (SHEET WL1)	EA	1	\$2,600.00	\$2,600.00	\$1,000.00	\$1,000.00	\$2,800.00	\$2,800.00
02660.12	WATERLINE ABANDONMENTS (SHEET WL1)	LS	1	\$300.00	\$300.00	\$500.00	\$500.00	\$1,100.00	\$1,100.00
02660.13	PAVEMENT CUT AND REPAIR (SHEET WL1)	LF	17	\$120.00	\$2,040.00	\$100.00	\$1,700.00	\$103.53	\$1,760.01
	Page Total				\$102,988.00		\$73,000.00		\$128,564.41

Lakeshore Engineering, LLC
 1259 Ellsworth Dr.
 Atlanta, GA 30318

Larner Contracting Co.
 3690 Lawrenceville Suwanee Rd.
 Suwanee, GA 30024

Crawford Grading & Pipeline, Inc.
 1505 Dunlap Rd.
 Luther'sville, GA 30251

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WATER SYSTEM IMPROVEMENTS FOR RADIUM REMOVAL

RECEIVED NOVEMBER 13, 2013

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
02665.00	WATER SERVICE CONNECTIONS										
	3/4" SERVICE CONNECTION; INCLUDES TAPPING SADDLE, CORP AND CURB STOPS, SERVICE TUBING, METER, METER BOX, YARD HYDRANT, ETC.	LS	1	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$1,728.30	\$1,728.30		
02732.00	SAINTARY SEWER FORCEMAIN										
	4" DIA. C900 DR 18 PVC FORCEMAIN; INCLUDES TRENCHING, FITTINGS, ETC.	LF	360	\$35.00	\$12,600.00	\$20.00	\$7,200.00	\$41.56	\$14,961.60		
02732.01	COMBINATION AIR RELEASE/AIR VACUUM VALVE; INCLUDES MANHOLE, FITTINGS, ETC.	EA	1	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$4,779.70	\$4,779.70		
02931.01	GRASSING; INCLUDES MULCH AND PERMANENT GRASS SEEDING	LS	1	\$750.00	\$750.00	\$1,000.00	\$1,000.00	\$6,678.00	\$6,678.00		
02931.02	REPLACEMENT OF TWO EX. RAW WATER VERTICAL TURBINE PUMPS; INCLUDES PIPING MODIFICATIONS, VALVES, EX. PUMP REMOVAL, NEW PUMP INSTALLATION, ADAPTION FOR MOUNTING, ELECTRICAL, CONTROLS, STARTUP, ETC.	LF	230	\$4.00	\$920.00	\$5.00	\$1,150.00	\$5.43	\$1,248.90		
1	STATIC MIXER INSTALLATION; INCLUDES FLANGED MIXER, FIBERGLASS ENCLOSURE, CONCRETE SLAB, FITTINGS, CONNECTION TO PIPING, ETC.	LS	1	\$17,500.00	\$17,500.00	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00		
2	CHEMICAL FEED EQUIPMENT; INCLUDES CONCRETE SLAB, BUILDING, PUMPS, PIPING, UNDERGROUND TUBING AND CONDUIT TO MIXER, ELECTRICAL, CONTROLS, ETC.	LS	1	\$45,000.00	\$45,000.00	\$52,000.00	\$52,000.00	\$63,000.00	\$63,000.00		
3	RADIUM REMOVAL FILTRATION SYSTEM; INCLUDES 5 FILTERS, CONCRETE FOUNDATION, CONTAINER, PIPING, CONNECTIONS, VALVES, CONTROLS, ELECTRICAL, STARTUP, ETC.	LS	1	\$319,241.00	\$319,241.00	\$378,000.00	\$378,000.00	\$365,000.00	\$365,000.00		
4	TOTAL BASE BID				\$589,499.00		\$378,000.00		\$705,960.91**		

** Denotes Corrected Values

MANDATORY ALTERNATE BID ITEM

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
4A	RADIUM REMOVAL FILTRATION SYSTEM; INCLUDES 6 FILTERS, CONCRETE FOUNDATION, CONTAINER, PIPING, CONNECTIONS, VALVES, CONTROLS, ELECTRICAL, STARTUP, ETC.	LS	1	\$346,000.00	\$346,000.00	\$403,000.00	\$403,000.00	\$390,000.00	\$390,000.00
	TOTAL ALTERNATIVE BID FOR 6 FILTERS				\$607,258.00		\$623,553.00		\$730,960.91

TOTAL BID FOR THE WATER SYSTEM IMPROVEMENTS FOR RADIUM REMOVAL:

I hereby certify this to be a true and accurate tabulation of bids received by the City of Warm Springs, Georgia on November 13, 2013 at 3:00 p.m.

Russ Brink, P.E.
Engineering Management, Inc.

