



September 21, 2017

Mr. Dean Bayer, PE
Project Manager
City of San Antonio – TCI Department
114 W. Commerce, 9th Floor
San Antonio, TX 78205

Re: 2018 Asphalt Overlay Contract Package 1 – Contract Award

Dear Mr. Bayer:

On September 19, 2017 contractor bid proposals for the referenced project were opened and read aloud. Eight bid proposals were submitted with the bid submitted by J&P Paving containing mathematical errors. These errors did not impact the outcome of the contract solicitation.

The low bidder for this contract is Clark Construction of Texas, Inc. with a total base bid of \$7,353,255.60. Clark Construction is headquartered in San Antonio, TX and has done a significant amount of asphalt overlay related projects for the City of San Antonio and others in the surrounding area. Clark Construction has been awarded similar contracts of size and scope in recent years and the City of San Antonio has been pleased with their work. Due to no knowledge of poor performance which would exclude Clark Construction from being recommended for award, LAN recommends the award of this contract to Clark Construction of Texas, Inc. Below is a listing of the contractors who bid on the contract and their total base bids:

1. Clark Construction of Texas, Inc.	\$7,353,255.60
2. J&P Paving Co. Inc.	\$7,898,197.10
3. Oldcastle Materials Texas, Inc.	\$7,947,315.90
4. Asphalt Inc. LLC, DBA Lone Star Paving	\$8,066,802.31
5. Ray Faris, Inc.	\$8,294,453.00
6. H.L. Zumwalt Construction, Inc.	\$8,389,046.85
7. Austin Materials, LLC	\$12,998,620.35
8. Heritage Asphalt Company LLC	\$14,704,430.00

Attached herewith are the following:

- 1) One (1) pdf copy of the bid tabulations
- 2) One (1) pdf copy of the summary of the low bidder's prices, which is 8.0% below the responsive contractor's bid proposal average and 18.3% below the Engineers Estimate. Bids submitted by Austin Materials and Heritage Asphalt Company were removed from the Contractor Average, as these bids are significantly higher than the remaining Contractor's bids and the Engineers estimate.



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

If you have any questions, please do not hesitate to contact me at (210) 499-5082, or by email at sjaniol@lan-inc.com.

Respectfully,

A handwritten signature in blue ink that reads "Stephen Aniol, P.E.".

Stephen Aniol, P.E.
Senior Project Manager

Cc: Juan Romero
David Rios
Margaret Toscano

BID TABULATION				Clark Construction of Texas, Inc.		J&P Paving Co. Inc.		Oldcastle Materials Texas, Inc.		Asphalt Inc. LLC dba Lone Start Paving		Ray Faris, Inc.	
Project: 2018 Asphalt Overlay Contract Package 1				5140 Gibbs Sprawl Rd. San Antonio, TX 78219 210-661-6785		5002 Sinclair Rd. San Antonio, TX 78222 210-648-4708		5723 University Heights Blvd, Ste 115 San Antonio, TX 78249 210-654-5576		4310 Jung San Antonio, TX 78247 210-325-9973		15591 Capital Port San Antonio, TX 78249 210-492-4027	
Bid Opening: Tuesday, September 19, 2017													
Owner: City of San Antonio Transportation & Capital Improvements Department													
Engineer: Lockwood, Andrews & Newnam, Inc.													
10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082													
LAN Project No.: 120-12032-002													
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BASE BID													
103.1	REMOVE CONCRETE CURB	3,500	LF	\$1.25	\$4,375.00	\$1.50	\$5,250.00	\$2.25	\$7,875.00	\$4.15	\$14,525.00	\$2.20	\$7,700.00
103.3	REMOVE SIDEWALKS AND DRIVEWAYS	16,000	SF	\$0.75	\$12,000.00	\$1.50	\$24,000.00	\$2.75	\$44,000.00	\$5.00	\$80,000.00	\$2.10	\$33,600.00
203	TACK COAT	3,500	GAL	\$3.00	\$10,500.00	\$2.00	\$7,000.00	\$3.16	\$11,060.00	\$2.00	\$7,000.00	\$2.74	\$9,590.00
205.4A	HOT MIX ASPHALTIC PAVEMENT TYPE D (2" THICK) (PG 64-22)	6,000	TON	\$59.70	\$358,200.00	\$58.53	\$351,180.00	\$59.27	\$355,620.00	\$60.75	\$364,500.00	\$69.17	\$415,020.00
205.4B	HOT MIX ASPHALTIC PAVEMENT TYPE D (LEVEL-UP)	2,500	TON	\$59.70	\$149,250.00	\$58.25	\$145,625.00	\$65.94	\$164,850.00	\$68.00	\$170,000.00	\$67.64	\$169,100.00
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPH. PVM'T (2")	321,300	SY	\$0.69	\$221,697.00	\$1.63	\$523,719.00	\$2.02	\$649,026.00	\$1.00	\$321,300.00	\$0.82	\$263,466.00
209.1	CONCRETE PAVEMENT (BUS PAD) (10-INCH DEPTH)	2,700	SY	\$74.50	\$201,150.00	\$80.00	\$216,000.00	\$58.00	\$156,600.00	\$74.00	\$199,800.00	\$97.85	\$264,195.00
230.3A	REPLACING BASE & PVMT WITH TYPE B PVMT (6" COMPACTED DEPTH)	29,220	TON	\$76.83	\$2,244,972.60	\$71.42	\$2,086,892.40	\$60.64	\$1,771,900.80	\$78.00	\$2,279,160.00	\$72.45	\$2,116,989.00
230.3B	REPLACING BASE & PVMT WITH TYPE B PVMT (12" COMPACTED DEPTH)	1,500	TON	\$59.60	\$89,400.00	\$66.42	\$99,630.00	\$71.00	\$106,500.00	\$83.00	\$124,500.00	\$74.80	\$112,200.00
250	SEAL COAT	428,300	SY	\$0.89	\$381,187.00	\$1.26	\$539,658.00	\$1.73	\$740,959.00	\$1.25	\$535,375.00	\$1.04	\$445,432.00
340	HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" THICK) (PG 76-22) (CLASS "A" AGGREGATE)	41,100	TON	\$62.69	\$2,576,559.00	\$67.75	\$2,784,525.00	\$66.27	\$2,723,697.00	\$70.50	\$2,897,550.00	\$75.15	\$3,088,665.00
438	CLEANING EXISTING JOINTS	350	LF	\$1.00	\$350.00	\$1.00	\$350.00	\$11.00	\$3,850.00	\$5.00	\$1,750.00	\$12.00	\$4,200.00
454	HEADER TYPE EXPANSION JOINT SEALANT	350	LF	\$1.00	\$350.00	\$1.00	\$350.00	\$86.00	\$30,100.00	\$40.00	\$14,000.00	\$52.00	\$18,200.00
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	3,500	LF	\$14.00	\$49,000.00	\$12.00	\$42,000.00	\$35.00	\$122,500.00	\$20.08	\$70,280.00	\$19.43	\$68,005.00
502.1	CONCRETE SIDEWALKS	1,600	SY	\$43.00	\$68,800.00	\$38.00	\$60,800.00	\$45.00	\$72,000.00	\$52.25	\$83,600.00	\$41.82	\$66,912.00
502.1A	CURB RAMPS	290	EA	\$1,100.00	\$319,000.00	\$1,150.00	\$333,500.00	\$400.00	\$116,000.00	\$795.00	\$230,550.00	\$1,200.00	\$348,000.00
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS	550	SY	\$46.00	\$25,300.00	\$43.85	\$24,117.50	\$40.00	\$22,000.00	\$66.00	\$36,300.00	\$42.23	\$23,226.50
512.1	ADJUSTING EXISTING MANHOLES (STORM SEWER)	15	EA	\$400.00	\$6,000.00	\$300.00	\$4,500.00	\$425.00	\$6,375.00	\$225.00	\$3,375.00	\$600.00	\$9,000.00
512.1B	ADJUSTING EXISTING MANHOLES (AT&T)	15	EA	\$600.00	\$9,000.00	\$300.00	\$4,500.00	\$425.00	\$6,375.00	\$250.00	\$3,750.00	\$650.00	\$9,750.00
515.1	TOPSOIL	50	CY	\$20.00	\$1,000.00	\$20.70	\$1,035.00	\$75.00	\$3,750.00	\$40.00	\$2,000.00	\$24.30	\$1,215.00
516.1	SODDING	2,000	SY	\$7.25	\$14,500.00	\$5.16	\$10,320.00	\$5.25	\$10,500.00	\$6.00	\$12,000.00	\$19.80	\$39,600.00
533-A	ELIM EXIST PVMT MRK AND RAISED MARKERS (4")	500	LF	\$0.50	\$250.00	\$0.51	\$255.00	\$1.00	\$500.00	\$0.51	\$255.00	\$0.51	\$255.00
533-B	ELIM EXIST PVMT MRK AND RAISED MARKERS (8")	250	LF	\$1.00	\$250.00	\$1.22	\$305.00	\$1.25	\$312.50	\$1.22	\$305.00	\$1.22	\$305.00
533-C	ELIM EXIST PVMT MRK AND RAISED MARKERS (12")	250	LF	\$1.00	\$250.00	\$2.25	\$562.50	\$2.00	\$500.00	\$2.25	\$562.50	\$2.25	\$562.50
533-D	ELIM EXIST PVMT MRK AND RAISED MARKERS (24")	250	LF	\$2.00	\$500.00	\$3.44	\$860.00	\$3.00	\$750.00	\$3.44	\$860.00	\$3.44	\$860.00
533-E	ELIM EXIST PVMT MRK AND RAISED MARKERS (SYMBOL)	10	EA	\$75.00	\$750.00	\$65.00	\$650.00	\$50.00	\$500.00	\$65.00	\$650.00	\$65.00	\$650.00
533-F	ELIM EXIST PVMT MRK AND RAISED MARKERS (WORD)	10	EA	\$75.00	\$750.00	\$65.00	\$650.00	\$50.00	\$500.00	\$65.00	\$650.00	\$65.00	\$650.00
533-G	ELIM EXIST PVMT MRK AND RAISED MARKERS (RR-XING)	10	EA	\$125.00	\$1,250.00	\$288.00	\$2,880.00	\$250.00	\$2,500.00	\$288.00	\$2,880.00	\$288.00	\$2,880.00
535.1	4" WIDE YELLOW LINE	130,000	LF	\$0.35	\$45,500.00	\$0.44	\$57,200.00	\$0.38	\$49,400.00	\$0.35	\$45,500.00	\$0.35	\$45,500.00
535.2	4" WIDE WHITE LINE	30,000	LF	\$0.35	\$10,500.00	\$0.44	\$13,200.00	\$0.38	\$11,400.00	\$0.35	\$10,500.00	\$0.35	\$10,500.00
535.4	8" SOLID WHITE LINE	4,500	LF	\$0.75	\$3,375.00	\$0.95	\$4,275.00	\$0.90	\$4,050.00	\$0.83	\$3,735.00	\$0.83	\$3,735.00
535.5	12" WIDE WHITE LINE	1,000	LF	\$3.00	\$3,000.00	\$2.68	\$2,680.00	\$2.40	\$2,400.00	\$2.33	\$2,330.00	\$2.33	\$2,330.00
535.7	24" WIDE WHITE LINE	3,000	LF	\$6.00	\$18,000.00	\$6.10	\$18,300.00	\$4.85	\$14,550.00	\$5.00	\$15,000.00	\$5.00	\$15,000.00
535.12	WORD "ONLY"	50	EA	\$125.00	\$6,250.00	\$111.55	\$5,577.70	\$150.00	\$7,500.00	\$97.00	\$4,850.00	\$97.00	\$4,850.00
535.14	RAILROAD CROSSING SYMBOL	5	EA	\$450.00	\$2,250.00	\$517.50	\$2,587.50	\$900.00	\$4,500.00	\$450.00	\$2,250.00	\$450.00	\$2,250.00
535.16	STRAIGHT WHITE ARROW BICYCLE FACILITY	55	EA	\$75.00	\$4,125.00	\$115.00	\$6,325.00	\$85.00	\$4,675.00	\$100.00	\$5,500.00	\$100.00	\$5,500.00
535.17	BICYCLE RIDER SYMBOL	40	EA	\$75.00	\$3,000.00	\$287.50	\$11,500.00	\$175.00	\$7,000.00	\$250.00	\$10,000.00	\$250.00	\$10,000.00
535.22	WHITE SHARROW (BIKE SHARED LANE)	30	EA	\$125.00	\$3,750.00	\$128.80	\$3,864.00	\$325.00	\$9,750.00	\$112.00	\$3,360.00	\$112.00	\$3,360.00
535.23	WHITE ARROW (LEFT/RIGHT/STRAIGHT)	130	EA	\$110.00	\$14,300.00	\$95.45	\$12,408.50	\$125.00	\$16,250.00	\$83.00	\$10,790.00	\$83.00	\$10,790.00
537.1	TRAFFIC BUTTON (TYPE W)	160	EA	\$0.50	\$80.00	\$5.75	\$920.00	\$3.00	\$480.00	\$5.00	\$800.00	\$5.00	\$800.00
537.2	TRAFFIC BUTTON (TYPE Y)	160	EA	\$0.50	\$80.00	\$5.75	\$920.00	\$3.00	\$480.00	\$5.00	\$800.00	\$5.00	\$800.00
537.6	PAVEMENT MARKER (TYPE I-C)	3,000	EA	\$3.00	\$9,000.00	\$3.83	\$11,490.00	\$3.00	\$9,000.00	\$3.33	\$9,990.00	\$3.33	\$9,990.00
537.8	PAVEMENT MARKER (TYPE II A-A)	3,000	EA	\$3.00	\$9,000.00	\$3.83	\$11,490.00	\$3.00	\$9,000.00	\$3.33	\$9,990.00	\$3.33	\$9,990.00
537.9	PAVEMENT MARKER (TYPE II C-R)	500	EA	\$3.00	\$1,500.00	\$3.83	\$1,915.00	\$3.00	\$1,500.00	\$3.33	\$1,665.00	\$3.33	\$1,665.00
556.1	CAST IN PLACE DETECTABLE WARNING SURFACE TILES	50	EA	\$50.00	\$2,500.00	\$114.00	\$5,700.00	\$475.00	\$23,750.00	\$721.60	\$36,080.00	\$113.30	\$5,665.00
624.2	GROUND BOXES TYPE B (122322)	10	EA	\$200.00	\$2,000.00	\$50.00	\$500.00	\$500.00	\$5,000.00	\$800.00	\$8,000.00	\$225.00	\$2,250.00
712	JOINT AND CRACK SEALING	6,000	LB	\$2.90	\$17,400.00	\$2.90	\$17,400.00	\$7.00	\$42,000.00	\$10.71	\$64,260.00	\$3.60	\$21,600.00
798	ASPHALT CONCRETE CUSHION SPEED HUMPS, TYPE 3	500	LF	\$38.61	\$19,305.00	\$110.00	\$55,000.00	\$150.00	\$75,000.00	\$100.00	\$50,000.00	\$180.00	\$90,000.00
SUP 1	DOOR HANGERS	1	LS	\$750.00	\$750.00	\$800.00	\$800.00	\$8,300.00	\$8,300.00	\$1,374.81	\$1,374.81	\$1,500.00	\$1,500.00
SUP 2	POLICE OFFICER	1,250	HR	\$40.00	\$50,000.00	\$40.00	\$50,000.00	\$40.00	\$50,000.00	\$40.00	\$50,000.00	\$45.00	\$56,250.00

BID TABULATION													
Project: 2018 Asphalt Overlay Contract Package 1				Clark Construction of Texas, Inc. 5140 Gibbs Sprawl Rd. San Antonio, TX 78219 210-661-6785		J&P Paving Co. Inc. 5002 Sinclair Rd. San Antonio, TX 78222 210-648-4708		Oldcastle Materials Texas, Inc. 5723 University Heights Blvd, Ste 115 San Antonio, TX 78249 210-654-5576		Asphalt Inc. LLC dba Lone Start Paving 4310 Jung San Antonio, TX 78247 210-325-9973		Ray Faris, Inc. 15591 Capital Port San Antonio, TX 78249 210-492-4027	
Bid Opening: Tuesday, September 19, 2017													
Owner: City of San Antonio Transportation & Capital Improvements Department													
Engineer: Lockwood, Andrews & Newnam, Inc.													
10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082													
LAN Project No.: 120-12032-002													
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
SUP 3	RAILROAD INSURANCE AND PERMIT	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
SUP 4	LAPTOP AND INTERNET ACCESS	1	LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$6,000.00	\$6,000.00	\$100.00	\$100.00	\$1,500.00	\$1,500.00
SUP 5	TCI PROJECT SIGN	30	EA	\$150.00	\$4,500.00	\$100.00	\$3,000.00	\$250.00	\$7,500.00	\$65.00	\$1,950.00	\$300.00	\$9,000.00
SUP 6	PORTABLE CHANGEABLE MESSAGE SIGN (ELECTRONIC MESSAGE B	20	MO	\$1,200.00	\$24,000.00	\$1,200.00	\$24,000.00	\$2,274.03	\$45,480.60	\$700.00	\$14,000.00	\$1,800.00	\$36,000.00
SUP 7	ADDITIONAL MOBILIZATION	10	EA	\$500.00	\$5,000.00	\$500.00	\$5,000.00	\$6,000.00	\$60,000.00	\$1,100.00	\$11,000.00	\$3,000.00	\$30,000.00
TOTAL COSA BID ITEMS:					\$7,011,755.60		\$7,603,167.10		\$7,612,065.90		\$7,836,302.31		\$7,916,053.00
826	SAWS VALVE BOX ADJUSTMENT	600	EA	\$200.00	\$120,000.00	\$200.00	\$120,000.00	\$145.00	\$87,000.00	\$145.00	\$87,000.00	\$250.00	\$150,000.00
826A	VALVE BOX LOCATE AND ADJUSTMENT (SAWS)	15	EA	\$50.00	\$750.00	\$1.00	\$15.00	\$280.00	\$4,200.00	\$75.00	\$1,125.00	\$110.00	\$1,650.00
TOTAL SAWS WATER BID ITEMS:					\$120,750.00		\$120,015.00		\$91,200.00		\$88,125.00		\$151,650.00
851	SAWS ADJUSTING EXISTING MANHOLE	450	EA	\$400.00	\$180,000.00	\$300.00	\$135,000.00	\$425.00	\$191,250.00	\$225.00	\$101,250.00	\$400.00	\$180,000.00
854A	ADJUST EXISTING SEWER CLEANOUT	15	EA	\$50.00	\$750.00	\$1.00	\$15.00	\$520.00	\$7,800.00	\$75.00	\$1,125.00	\$450.00	\$6,750.00
TOTAL SAWS SEWER BID ITEMS:					\$180,750.00		\$135,015.00		\$199,050.00		\$102,375.00		\$186,750.00
TOTAL SAWS BID ITEMS:					\$301,500.00		\$255,030.00		\$290,250.00		\$190,500.00		\$338,400.00
512.3A	ADJUSTING EXISTING VALVE BOX (CPS ENERGY)	200	200	\$200.00	\$40,000.00	\$200.00	\$40,000.00	\$225.00	\$45,000.00	\$200.00	\$40,000.00	\$200.00	\$40,000.00
TOTAL CPS BID ITEMS:					\$40,000.00		\$40,000.00		\$45,000.00		\$40,000.00		\$40,000.00
TOTAL BASE BID (COSA + SAWA + CPS):					\$7,353,255.60		\$7,898,197.10		\$7,947,315.90		\$8,066,802.31		\$8,294,453.00

BID TABULATION				H.L. Zumwalt Construction, Inc.		Austin Materials, LLC		Heritage Asphalt Company LLC		Engineer's Estimate		Contractor Average	
Project: 2018 Asphalt Overlay Contract Package 1				17511 FM 1283 Mico, TX 78056 210-695-3541		2115 Stephens Place, Suite 730 New Braunfels, TX 78130 210-727-7503		608 Henrietta Creek Road Roanoke, TX 76262 817-293-4263					
Bid Opening: Tuesday, September 19, 2017						EXCLUDED FROM AVERAGE		EXCLUDED FROM AVERAGE					
Owner: City of San Antonio Transportation & Capital Improvements Department													
Engineer: Lockwood, Andrews & Newnam, Inc.													
10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082													
LAN Project No.: 120-12032-002													
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	AVG UNIT PRICE	TOTAL
BASE BID													
103.1	REMOVE CONCRETE CURB	3,500	LF	\$1.59	\$5,565.00	\$4.10	\$14,350.00	\$8.00	\$28,000.00	\$2.25	\$7,875.00	\$2.16	\$7,548.33
103.3	REMOVE SIDEWALKS AND DRIVEWAYS	16,000	SF	\$1.59	\$25,440.00	\$5.00	\$80,000.00	\$5.00	\$80,000.00	\$2.00	\$32,000.00	\$2.28	\$36,506.67
203	TACK COAT	3,500	GAL	\$2.12	\$7,420.00	\$3.90	\$13,650.00	\$5.00	\$17,500.00	\$3.10	\$10,850.00	\$2.50	\$8,761.67
205.4A	HOT MIX ASPHALTIC PAVEMENT TYPE D (2" THICK) (PG 64-22)	6,000	TON	\$62.04	\$372,240.00	\$86.00	\$516,000.00	\$100.00	\$600,000.00	\$65.30	\$391,800.00	\$61.58	\$369,460.00
205.4B	HOT MIX ASPHALTIC PAVEMENT TYPE D (LEVEL-UP)	2,500	TON	\$61.75	\$154,375.00	\$109.00	\$272,500.00	\$100.00	\$250,000.00	\$71.00	\$177,500.00	\$63.55	\$158,866.67
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPH. PVM'T (2")	321,300	SY	\$1.73	\$555,849.00	\$4.55	\$1,461,915.00	\$6.00	\$1,927,800.00	\$2.10	\$674,730.00	\$1.32	\$422,509.50
209.1	CONCRETE PAVEMENT (BUS PAD) (10-INCH DEPTH)	2,700	SY	\$84.80	\$228,960.00	\$122.00	\$329,400.00	\$90.00	\$243,000.00	\$85.00	\$229,500.00	\$78.19	\$211,117.50
230.3A	REPLACING BASE & PVMT WITH TYPE B PVMT (6" COMPACTED DEPTH)	29,220	TON	\$75.70	\$2,211,954.00	\$109.00	\$3,184,980.00	\$100.00	\$2,922,000.00	\$77.00	\$2,249,940.00	\$72.51	\$2,118,644.80
230.3B	REPLACING BASE & PVMT WITH TYPE B PVMT (12" COMPACTED DEPTH)	1,500	TON	\$70.40	\$105,600.00	\$120.00	\$180,000.00	\$150.00	\$225,000.00	\$79.00	\$118,500.00	\$70.87	\$106,305.00
250	SEAL COAT	428,300	SY	\$1.34	\$573,922.00	\$3.60	\$1,541,880.00	\$7.00	\$2,998,100.00	\$1.70	\$728,110.00	\$1.25	\$536,088.83
340	HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" THICK) (PG 76-22) (CLASS "A" AGGREGATE)	41,100	TON	\$71.82	\$2,951,802.00	\$88.00	\$3,616,800.00	\$75.00	\$3,082,500.00	\$74.00	\$3,041,400.00	\$69.03	\$2,837,133.00
438	CLEANING EXISTING JOINTS	350	LF	\$1.06	\$371.00	\$10.00	\$3,500.00	\$10.00	\$3,500.00	\$9.10	\$3,185.00	\$5.18	\$1,811.83
454	HEADER TYPE EXPANSION JOINT SEALANT	350	LF	\$1.06	\$371.00	\$26.00	\$9,100.00	\$20.00	\$7,000.00	\$50.00	\$17,500.00	\$30.18	\$10,561.83
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	3,500	LF	\$12.72	\$44,520.00	\$16.00	\$56,000.00	\$30.00	\$105,000.00	\$15.00	\$52,500.00	\$18.87	\$66,050.83
502.1	CONCRETE SIDEWALKS	1,600	SY	\$40.28	\$64,448.00	\$61.00	\$97,600.00	\$10.00	\$16,000.00	\$44.50	\$71,200.00	\$43.39	\$69,426.67
502.1A	CURB RAMPS	290	EA	\$1,272.00	\$368,880.00	\$1,100.00	\$319,000.00	\$1,200.00	\$348,000.00	\$1,125.00	\$326,250.00	\$986.17	\$285,988.33
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS	550	SY	\$46.48	\$25,564.00	\$74.25	\$40,837.50	\$60.00	\$33,000.00	\$50.00	\$27,500.00	\$47.43	\$26,084.67
512.1	ADJUSTING EXISTING MANHOLES (STORM SEWER)	15	EA	\$318.00	\$4,770.00	\$486.03	\$7,290.45	\$500.00	\$7,500.00	\$365.00	\$5,475.00	\$378.00	\$5,670.00
512.1B	ADJUSTING EXISTING MANHOLES (AT&T)	15	EA	\$318.00	\$4,770.00	\$490.00	\$7,350.00	\$500.00	\$7,500.00	\$405.00	\$6,075.00	\$423.83	\$6,357.50
515.1	TOPSOIL	50	CY	\$21.94	\$1,097.00	\$30.00	\$1,500.00	\$35.00	\$1,750.00	\$30.00	\$1,500.00	\$33.66	\$1,682.83
516.1	SODDING	2,000	SY	\$5.47	\$10,940.00	\$7.00	\$14,000.00	\$15.00	\$30,000.00	\$7.00	\$14,000.00	\$8.16	\$16,310.00
533-A	ELIM EXIST PVMT MRK AND RAISED MARKERS (4")	500	LF	\$0.54	\$270.00	\$0.58	\$290.00	\$1.00	\$500.00	\$1.00	\$500.00	\$0.60	\$297.50
533-B	ELIM EXIST PVMT MRK AND RAISED MARKERS (8")	250	LF	\$1.29	\$322.50	\$1.40	\$350.00	\$2.00	\$500.00	\$1.40	\$350.00	\$1.20	\$300.00
533-C	ELIM EXIST PVMT MRK AND RAISED MARKERS (12")	250	LF	\$2.39	\$597.50	\$2.57	\$642.50	\$5.00	\$1,250.00	\$2.40	\$600.00	\$2.02	\$505.83
533-D	ELIM EXIST PVMT MRK AND RAISED MARKERS (24")	250	LF	\$3.65	\$912.50	\$3.93	\$982.50	\$10.00	\$2,500.00	\$4.30	\$1,075.00	\$3.16	\$790.42
533-E	ELIM EXIST PVMT MRK AND RAISED MARKERS (SYMBOL)	10	EA	\$68.90	\$689.00	\$74.33	\$743.30	\$100.00	\$1,000.00	\$75.00	\$750.00	\$64.82	\$648.17
533-F	ELIM EXIST PVMT MRK AND RAISED MARKERS (WORD)	10	EA	\$68.90	\$689.00	\$74.33	\$743.30	\$100.00	\$1,000.00	\$91.00	\$910.00	\$64.82	\$648.17
533-G	ELIM EXIST PVMT MRK AND RAISED MARKERS (RR-XING)	10	EA	\$305.28	\$3,052.80	\$329.00	\$3,290.00	\$100.00	\$1,000.00	\$420.00	\$4,200.00	\$257.38	\$2,573.80
535.1	4" WIDE YELLOW LINE	130,000	LF	\$0.46	\$59,800.00	\$0.40	\$52,000.00	\$1.00	\$130,000.00	\$0.40	\$52,000.00	\$0.39	\$50,483.33
535.2	4" WIDE WHITE LINE	30,000	LF	\$0.46	\$13,800.00	\$0.40	\$12,000.00	\$1.00	\$30,000.00	\$0.40	\$12,000.00	\$0.39	\$11,650.00
535.4	8" SOLID WHITE LINE	4,500	LF	\$1.01	\$4,545.00	\$0.95	\$4,275.00	\$3.00	\$13,500.00	\$1.20	\$5,400.00	\$0.88	\$3,952.50
535.5	12" WIDE WHITE LINE	1,000	LF	\$2.84	\$2,840.00	\$2.66	\$2,660.00	\$9.00	\$9,000.00	\$2.60	\$2,600.00	\$2.60	\$2,596.67
535.7	24" WIDE WHITE LINE	3,000	LF	\$6.46	\$19,380.00	\$5.70	\$17,100.00	\$25.00	\$75,000.00	\$5.50	\$16,500.00	\$5.57	\$16,705.00
535.12	WORD "ONLY"	50	EA	\$118.24	\$5,912.00	\$111.00	\$5,550.00	\$500.00	\$25,000.00	\$115.00	\$5,750.00	\$116.47	\$5,823.28
535.14	RAILROAD CROSSING SYMBOL	5	EA	\$548.55	\$2,742.75	\$514.00	\$2,570.00	\$500.00	\$2,500.00	\$535.00	\$2,675.00	\$552.68	\$2,763.38
535.16	STRAIGHT WHITE ARROW BICYCLE FACILITY	55	EA	\$121.90	\$6,704.50	\$114.36	\$6,289.80	\$500.00	\$27,500.00	\$140.00	\$7,700.00	\$99.48	\$5,471.58
535.17	BICYCLE RIDER SYMBOL	40	EA	\$304.75	\$12,190.00	\$285.90	\$11,436.00	\$500.00	\$20,000.00	\$230.00	\$9,200.00	\$223.71	\$8,948.33
535.22	WHITE SHARROW (BIKE SHARED LANE)	30	EA	\$136.53	\$4,095.90	\$128.00	\$3,840.00	\$500.00	\$15,000.00	\$152.00	\$4,560.00	\$156.56	\$4,696.65
535.23	WHITE ARROW (LEFT/RIGHT/STRAIGHT)	130	EA	\$101.18	\$13,153.40	\$94.92	\$12,339.60	\$500.00	\$65,000.00	\$97.00	\$12,610.00	\$99.61	\$12,948.65
537.1	TRAFFIC BUTTON (TYPE W)	160	EA	\$6.10	\$976.00	\$5.72	\$915.20	\$4.00	\$640.00	\$4.50	\$720.00	\$4.23	\$676.00
537.2	TRAFFIC BUTTON (TYPE Y)	160	EA	\$6.10	\$976.00	\$5.72	\$915.20	\$4.00	\$640.00	\$4.50	\$720.00	\$4.23	\$676.00
537.6	PAVEMENT MARKER (TYPE I-C)	3,000	EA	\$4.06	\$12,180.00	\$3.81	\$11,430.00	\$4.00	\$12,000.00	\$3.70	\$11,100.00	\$3.43	\$10,275.00
537.8	PAVEMENT MARKER (TYPE II A-A)	3,000	EA	\$4.06	\$12,180.00	\$3.81	\$11,430.00	\$4.00	\$12,000.00	\$3.70	\$11,100.00	\$3.43	\$10,275.00
537.9	PAVEMENT MARKER (TYPE II C-R)	500	EA	\$4.06	\$2,030.00	\$3.81	\$1,905.00	\$4.00	\$2,000.00	\$3.70	\$1,850.00	\$3.43	\$1,712.50
556.1	CAST IN PLACE DETECTABLE WARNING SURFACE TILES	50	EA	\$120.84	\$6,042.00	\$1,300.00	\$65,000.00	\$200.00	\$10,000.00	\$270.00	\$13,500.00	\$265.79	\$13,289.50
624.2	GROUND BOXES TYPE B (122322)	10	EA	\$53.00	\$530.00	\$257.00	\$2,570.00	\$2,500.00	\$25,000.00	\$445.00	\$4,450.00	\$304.67	\$3,046.67
712	JOINT AND CRACK SEALING	6,000	LB	\$3.07	\$18,420.00	\$28.00	\$168,000.00	\$10.00	\$60,000.00	\$4.50	\$27,000.00	\$5.03	\$30,180.00
798	ASPHALT CONCRETE CUSHION SPEED HUMPS, TYPE 3	500	LF	\$116.60	\$58,300.00	\$226.00	\$113,000.00	\$75.00	\$37,500.00	\$300.00	\$150,000.00	\$115.87	\$57,934.17
SUP 1	DOOR HANGERS	1	LS	\$848.00	\$848.00	\$63,000.00	\$63,000.00	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$2,262.14	\$2,262.14
SUP 2	POLICE OFFICER	1,250	HR	\$42.40	\$53,000.00	\$86.00	\$107,500.00	\$85.00	\$106,250.00	\$45.00	\$56,250.00	\$41.23	\$51,541.67

BID TABULATION										Engineer's Estimate		Contractor Average	
Project: 2018 Asphalt Overlay Contract Package 1				H.L. Zumwalt Construction, Inc. 17511 FM 1283 Mico, TX 78056 210-695-3541		Austin Materials, LLC 2115 Stephens Place, Suite 730 New Braunfels, TX 78130 210-727-7503		Heritage Asphalt Company LLC 608 Henrietta Creek Road Roanoke, TX 76262 817-293-4263					
Bid Opening: Tuesday, September 19, 2017						EXCLUDED FROM AVERAGE		EXCLUDED FROM AVERAGE					
Owner: City of San Antonio Transportation & Capital Improvements Department													
Engineer: Lockwood, Andrews & Newnam, Inc. 10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082													
LAN Project No.: 120-12032-002													
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	AVG UNIT PRICE	TOTAL
SUP 3	RAILROAD INSURANCE AND PERMIT	1	LS	\$5,300.00	\$5,300.00	\$5,700.00	\$5,700.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,216.67	\$5,216.67
SUP 4	LAPTOP AND INTERNET ACCESS	1	LS	\$1,060.00	\$1,060.00	\$2,300.00	\$2,300.00	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00	\$1,776.67	\$1,776.67
SUP 5	TCI PROJECT SIGN	30	EA	\$106.00	\$3,180.00	\$515.00	\$15,450.00	\$750.00	\$22,500.00	\$240.00	\$7,200.00	\$161.83	\$4,855.00
SUP 6	PORTABLE CHANGEABLE MESSAGE SIGN (ELECTRONIC MESSAGE B	20	MO	\$1,272.00	\$25,440.00	\$1,100.00	\$22,000.00	\$3,500.00	\$70,000.00	\$1,500.00	\$30,000.00	\$1,407.67	\$28,153.43
SUP 7	ADDITIONAL MOBILIZATION	10	EA	\$530.00	\$5,300.00	\$5,200.00	\$52,000.00	\$25,000.00	\$250,000.00	\$2,000.00	\$20,000.00	\$1,938.33	\$19,383.33
		TOTAL COSA BID ITEMS:			\$8,076,316.85		\$12,547,870.35		\$13,981,930.00		\$8,668,660.00		\$7,675,943.46
826	SAWS VALVE BOX ADJUSTMENT	600	EA	\$212.00	\$127,200.00	\$165.00	\$99,000.00	\$250.00	\$150,000.00	\$200.00	\$120,000.00	\$192.00	\$115,200.00
826A	VALVE BOX LOCATE AND ADJUSTMENT (SAWS)	15	EA	\$1.00	\$15.00	\$1,600.00	\$24,000.00	\$500.00	\$7,500.00	\$200.00	\$3,000.00	\$86.17	\$1,292.50
		TOTAL SAWS WATER BID ITEMS:			\$127,215.00		\$123,000.00		\$157,500.00		\$123,000.00		\$116,492.50
851	SAWS ADJUSTING EXISTING MANHOLE	450	EA	\$318.00	\$143,100.00	\$495.00	\$222,750.00	\$1,000.00	\$450,000.00	\$350.00	\$157,500.00	\$344.67	\$155,100.00
854A	ADJUST EXISTING SEWER CLEANOUT	15	EA	\$1.00	\$15.00	\$5,000.00	\$75,000.00	\$1,000.00	\$15,000.00	\$350.00	\$5,250.00	\$182.83	\$2,742.50
		TOTAL SAWS SEWER BID ITEMS:			\$143,115.00		\$297,750.00		\$465,000.00		\$162,750.00		\$157,842.50
		TOTAL SAWS BID ITEMS:			\$270,330.00		\$420,750.00		\$622,500.00		\$285,750.00		\$274,335.00
512.3A	ADJUSTING EXISTING VALVE BOX (CPS ENERGY)	200	200	\$212.00	\$42,400.00	\$150.00	\$30,000.00	\$500.00	\$100,000.00	\$225.00	\$45,000.00	\$206.17	\$41,233.33
		TOTAL CPS BID ITEMS:			\$42,400.00		\$30,000.00		\$100,000.00		\$45,000.00		\$41,233.33
		TOTAL BASE BID (COSA + SAWA + CPS):			\$8,389,046.85		\$12,998,620.35		\$14,704,430.00		\$8,999,410.00		\$7,991,511.79

BID TABULATION

Project: 2018 Asphalt Overlay Contract Package 1

Bid Opening: Tuesday, September 19, 2017

Owner: City of San Antonio Transportation & Capital Improvements Department

Engineer: Lockwood, Andrews & Newnam, Inc.

10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082

LAN Project No.: 120-12032-002

Clark Construction of Texas, Inc.
5140 Gibbs Sprawl Rd.
San Antonio, TX 78219
210-661-6785

Engineer's Estimate

Unit Price Comparison

LOWEST RESPONSIVE BIDDER

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	DELTA	% DELTA
BASE BID									
103.1	REMOVE CONCRETE CURB	3,500	LF	\$1.25	\$4,375.00	\$2.25	\$7,875.00	(\$1.00)	-44.4%
103.3	REMOVE SIDEWALKS AND DRIVEWAYS	16,000	SF	\$0.75	\$12,000.00	\$2.00	\$32,000.00	(\$1.25)	-62.5%
203	TACK COAT	3,500	GAL	\$3.00	\$10,500.00	\$3.10	\$10,850.00	(\$0.10)	-3.2%
205.4A	HOT MIX ASPHALTIC PAVEMENT TYPE D (2" THICK) (PG 64-22)	6,000	TON	\$59.70	\$358,200.00	\$65.30	\$391,800.00	(\$5.60)	-8.6%
205.4B	HOT MIX ASPHALTIC PAVEMENT TYPE D (LEVEL-UP)	2,500	TON	\$59.70	\$149,250.00	\$71.00	\$177,500.00	(\$11.30)	-15.9%
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPH. PVM'T (2")	321,300	SY	\$0.69	\$221,697.00	\$2.10	\$674,730.00	(\$1.41)	-67.1%
209.1	CONCRETE PAVEMENT (BUS PAD) (10-INCH DEPTH)	2,700	SY	\$74.50	\$201,150.00	\$85.00	\$229,500.00	(\$10.50)	-12.4%
230.3A	REPLACING BASE & PVMT WITH TYPE B PVMT (6" COMPACTED DEPTH)	29,220	TON	\$76.83	\$2,244,972.60	\$77.00	\$2,249,940.00	(\$0.17)	-0.2%
230.3B	REPLACING BASE & PVMT WITH TYPE B PVMT (12" COMPACTED DEPTH)	1,500	TON	\$59.60	\$89,400.00	\$79.00	\$118,500.00	(\$19.40)	-24.6%
250	SEAL COAT	428,300	SY	\$0.89	\$381,187.00	\$1.70	\$728,110.00	(\$0.81)	-47.6%
340	HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" THICK) (PG 76-22) (CLASS "A" AGGREGATE)	41,100	TON	\$62.69	\$2,576,559.00	\$74.00	\$3,041,400.00	(\$11.31)	-15.3%
438	CLEANING EXISTING JOINTS	350	LF	\$1.00	\$350.00	\$9.10	\$3,185.00	(\$8.10)	-89.0%
454	HEADER TYPE EXPANSION JOINT SEALANT	350	LF	\$1.00	\$350.00	\$50.00	\$17,500.00	(\$49.00)	-98.0%
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	3,500	LF	\$14.00	\$49,000.00	\$15.00	\$52,500.00	(\$1.00)	-6.7%
502.1	CONCRETE SIDEWALKS	1,600	SY	\$43.00	\$68,800.00	\$44.50	\$71,200.00	(\$1.50)	-3.4%
502.1A	CURB RAMPS	290	EA	\$1,100.00	\$319,000.00	\$1,125.00	\$326,250.00	(\$25.00)	-2.2%
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS	550	SY	\$46.00	\$25,300.00	\$50.00	\$27,500.00	(\$4.00)	-8.0%
512.1	ADJUSTING EXISTING MANHOLES (STORM SEWER)	15	EA	\$400.00	\$6,000.00	\$365.00	\$5,475.00	\$35.00	9.6%
512.1B	ADJUSTING EXISTING MANHOLES (AT&T)	15	EA	\$600.00	\$9,000.00	\$405.00	\$6,075.00	\$195.00	48.1%
515.1	TOPSOIL	50	CY	\$20.00	\$1,000.00	\$30.00	\$1,500.00	(\$10.00)	-33.3%
516.1	SODDING	2,000	SY	\$7.25	\$14,500.00	\$7.00	\$14,000.00	\$0.25	3.6%
533-A	ELIM EXIST PVMT MRK AND RAISED MARKERS (4")	500	LF	\$0.50	\$250.00	\$1.00	\$500.00	(\$0.50)	-50.0%
533-B	ELIM EXIST PVMT MRK AND RAISED MARKERS (8")	250	LF	\$1.00	\$250.00	\$1.40	\$350.00	(\$0.40)	-28.6%
533-C	ELIM EXIST PVMT MRK AND RAISED MARKERS (12")	250	LF	\$1.00	\$250.00	\$2.40	\$600.00	(\$1.40)	-58.3%
533-D	ELIM EXIST PVMT MRK AND RAISED MARKERS (24")	250	LF	\$2.00	\$500.00	\$4.30	\$1,075.00	(\$2.30)	-53.5%
533-E	ELIM EXIST PVMT MRK AND RAISED MARKERS (SYMBOL)	10	EA	\$75.00	\$750.00	\$75.00	\$750.00	\$0.00	0.0%
533-F	ELIM EXIST PVMT MRK AND RAISED MARKERS (WORD)	10	EA	\$75.00	\$750.00	\$91.00	\$910.00	(\$16.00)	-17.6%
533-G	ELIM EXIST PVMT MRK AND RAISED MARKERS (RR-XING)	10	EA	\$125.00	\$1,250.00	\$420.00	\$4,200.00	(\$295.00)	-70.2%
535.1	4" WIDE YELLOW LINE	130,000	LF	\$0.35	\$45,500.00	\$0.40	\$52,000.00	(\$0.05)	-12.5%
535.2	4" WIDE WHITE LINE	30,000	LF	\$0.35	\$10,500.00	\$0.40	\$12,000.00	(\$0.05)	-12.5%
535.4	8" SOLID WHITE LINE	4,500	LF	\$0.75	\$3,375.00	\$1.20	\$5,400.00	(\$0.45)	-37.5%
535.5	12" WIDE WHITE LINE	1,000	LF	\$3.00	\$3,000.00	\$2.60	\$2,600.00	\$0.40	15.4%
535.7	24" WIDE WHITE LINE	3,000	LF	\$6.00	\$18,000.00	\$5.50	\$16,500.00	\$0.50	9.1%
535.12	WORD "ONLY"	50	EA	\$125.00	\$6,250.00	\$115.00	\$5,750.00	\$10.00	8.7%
535.14	RAILROAD CROSSING SYMBOL	5	EA	\$450.00	\$2,250.00	\$535.00	\$2,675.00	(\$85.00)	-15.9%
535.16	STRAIGHT WHITE ARROW BICYCLE FACILITY	55	EA	\$75.00	\$4,125.00	\$140.00	\$7,700.00	(\$65.00)	-46.4%
535.17	BICYCLE RIDER SYMBOL	40	EA	\$75.00	\$3,000.00	\$230.00	\$9,200.00	(\$155.00)	-67.4%
535.22	WHITE SHARROW (BIKE SHARED LANE)	30	EA	\$125.00	\$3,750.00	\$152.00	\$4,560.00	(\$27.00)	-17.8%
535.23	WHITE ARROW (LEFT/RIGHT/STRAIGHT)	130	EA	\$110.00	\$14,300.00	\$97.00	\$12,610.00	\$13.00	13.4%
537.1	TRAFFIC BUTTON (TYPE W)	160	EA	\$0.50	\$80.00	\$4.50	\$720.00	(\$4.00)	-88.9%
537.2	TRAFFIC BUTTON (TYPE Y)	160	EA	\$0.50	\$80.00	\$4.50	\$720.00	(\$4.00)	-88.9%
537.6	PAVEMENT MARKER (TYPE I-C)	3,000	EA	\$3.00	\$9,000.00	\$3.70	\$11,100.00	(\$0.70)	-18.9%
537.8	PAVEMENT MARKER (TYPE II A-A)	3,000	EA	\$3.00	\$9,000.00	\$3.70	\$11,100.00	(\$0.70)	-18.9%
537.9	PAVEMENT MARKER (TYPE II C-R)	500	EA	\$3.00	\$1,500.00	\$3.70	\$1,850.00	(\$0.70)	-18.9%
556.1	CAST IN PLACE DETECTABLE WARNING SURFACE TILES	50	EA	\$50.00	\$2,500.00	\$270.00	\$13,500.00	(\$220.00)	-81.5%
624.2	GROUND BOXES TYPE B (122322)	10	EA	\$200.00	\$2,000.00	\$445.00	\$4,450.00	(\$245.00)	-55.1%
712	JOINT AND CRACK SEALING	6,000	LB	\$2.90	\$17,400.00	\$4.50	\$27,000.00	(\$1.60)	-35.6%

BID TABULATION

Project: 2018 Asphalt Overlay Contract Package 1

Bid Opening: Tuesday, September 19, 2017

Owner: City of San Antonio Transportation & Capital Improvements Department

Engineer: Lockwood, Andrews & Newnam, Inc.

10101 Reunion Place, Suite 200, San Antonio, Texas 78216-4165 (210) 499-5082

LAN Project No.: 120-12032-002

Clark Construction of Texas, Inc.
5140 Gibbs Sprawl Rd.
San Antonio, TX 78219
210-661-6785

Engineer's Estimate

Unit Price Comparison

LOWEST RESPONSIVE BIDDER

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	DELTA	% DELTA
798	ASPHALT CONCRETE CUSHION SPEED HUMPS, TYPE 3	500	LF	\$38.61	\$19,305.00	\$300.00	\$150,000.00	(\$261.39)	-87.1%
SUP 1	DOOR HANGERS	1	LS	\$750.00	\$750.00	\$1,500.00	\$1,500.00	(\$750.00)	-50.0%
SUP 2	POLICE OFFICER	1,250	HR	\$40.00	\$50,000.00	\$45.00	\$56,250.00	(\$5.00)	-11.1%
SUP 3	RAILROAD INSURANCE AND PERMIT	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	0.0%
SUP 4	LAPTOP AND INTERNET ACCESS	1	LS	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	(\$500.00)	-33.3%
SUP 5	TCI PROJECT SIGN	30	EA	\$150.00	\$4,500.00	\$240.00	\$7,200.00	(\$90.00)	-37.5%
SUP 6	PORTABLE CHANGEABLE MESSAGE SIGN (ELECTRONIC MESSAGE BOARD)	20	MO	\$1,200.00	\$24,000.00	\$1,500.00	\$30,000.00	(\$300.00)	-20.0%
SUP 7	ADDITIONAL MOBILIZATION	10	EA	\$500.00	\$5,000.00	\$2,000.00	\$20,000.00	(\$1,500.00)	-75.0%
		TOTAL COSA BID ITEMS:			\$7,011,755.60		\$8,668,660.00		
826	SAWS VALVE BOX ADJUSTMENT	600	EA	\$200.00	\$120,000.00	\$200.00	\$120,000.00	\$0.00	0.0%
826A	VALVE BOX LOCATE AND ADJUSTMENT (SAWS)	15	EA	\$50.00	\$750.00	\$200.00	\$3,000.00	(\$150.00)	-75.0%
		TOTAL SAWS WATER BID ITEMS:			\$120,750.00		\$123,000.00		
851	SAWS ADJUSTING EXISTING MANHOLE	450	EA	\$400.00	\$180,000.00	\$350.00	\$157,500.00	\$50.00	14.3%
854A	ADJUST EXISTING SEWER CLEANOUT	15	EA	\$50.00	\$750.00	\$350.00	\$5,250.00	(\$300.00)	-85.7%
		TOTAL SAWS SEWER BID ITEMS:			\$180,750.00		\$162,750.00		
		TOTAL SAWS BID ITEMS:			\$301,500.00		\$285,750.00		
512.3A	ADJUSTING EXISTING VALVE BOX (CPS ENERGY)	200	200	\$200.00	\$40,000.00	\$225.00	\$45,000.00	(\$25.00)	-11.1%
		TOTAL CPS BID ITEMS:			\$40,000.00		\$45,000.00		
		TOTAL BASE BID (COSA + SAWS + CPS):			\$7,353,255.60		\$8,999,410.00		