Bids Opened: 1/22/2014 W.O. No. ER20428

Project: Slurry Seal of Various Streets Limits: In Orange County, 2013-14

No. Of Bidders: 5 No. Of Bid Items: 56

ENGINEER'S ESTIMATE

Roy Allan Slurry Seal, Inc. American Asphalt South, Inc.

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Description	Unit	Qty	Item Price	Total	Item Price	Total	Item Price	Tota
Base Bid								
1. Mobilization	LS	1.00	\$68,000.00	\$68,000.00	\$45,000.00	\$45,000.00	\$68,000.00	\$68,000.00
2. Traffic Control	LS	1.00	\$40,000.00	\$40,000.00	\$34,000.00	\$34,000.00	\$60,000.00	\$60,000.00
3. Erosion, Sediment, Chemical Control Plan	LS	1.00	\$13,500.00	\$13,500.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00
4. Rem. Traffic Striping & Pvmt. Markings	SF	28,150.00	\$1.38	\$38,847.00	\$1.30	\$36,595.00	\$1.30	\$36,595.00
5(D). Rem. Traffic Striping & Pvmt. Markings-City of Tustin	SF	3,750.00	\$1.38	\$5,175.00	\$1.76	\$6,600.00	\$1.30	\$4,875.00
Project Information Sign	EA	8.00	\$750.00	\$6,000.00	\$800.00	\$6,400.00	\$500.00	\$4,000.00
7. Rem. & Replace AC Pavement	CY	640.00	\$55.00	\$35,200.00	\$214.50	\$137,280.00	\$100.00	\$64,000.00
8. AC: Patching	TN	1,250.00	\$150.00	\$187,500.00	\$82.50	\$103,125.00	\$155.00	\$193,750.00
9(D). Untreated Base: Patching	TN	100.00	\$25.00	\$2,500.00	\$27.50	\$2,750.00	\$70.00	\$7,000.00
10. 4" Dbl Yellow Centerline (2 Lines)	LF	18,575.00	\$0.40	\$7,430.00	\$0.53	\$9,844.75	\$0.75	\$13,931.25
11(D). 4" Dbl Yellow Centerline (2 Lines)City	LF	2,375.00	\$0.40	\$950.00	\$0.53	\$1,258.75	\$0.75	\$1,781.25
of Tustin 12. 4"Broken Dbl Yellow Ctrline(1 Solid line-	LF	615.00	\$0.25	\$153.75	\$0.77	\$473.55	\$0.70	\$430.50
1 broken line) 13(D). 4"Broken Dbl Yellow Ctrline(1 Solid line-1 broken line)City of Tustin	LF	575.00	\$0.25	\$143.75	\$0.77	\$442.75	\$0.70	\$402.50
14. 4" Solid Yellow Line	LF	1,910.00	\$0.20	\$382.00	\$0.33	\$630.30	\$0.28	\$534.80
15. 4" Solid White Line	LF	14,170.00	\$0.20	\$2,834.00	\$0.31	\$4,392.70	\$0.28	\$3,967.60
16(D). 4" Solid Wite Line - City of Tustin	LF	540.00	\$0.20	\$108.00	\$0.55	\$297.00	\$0.28	\$151.20
17. 4" Broken Yellow Line	LF	3,030.00	\$0.10	\$303.00	\$0.27	\$818.10	\$0.27	\$818.10
18. 4" Broken White Line	LF	3,950.00	\$0.10	\$395.00	\$0.27	\$1,066.50	\$0.27	\$1,066.50
	LF	350.00	\$0.10	\$35.00	\$0.27	\$94.50	\$0.27	\$94.50
20. 6" Broken White Line	LF	60.00	\$0.12	\$7.20	\$1.10	\$66.00	\$0.55	\$33.00
21. 8" Solid White Line	LF	2,130.00	\$0.40	\$852.00	\$0.54	\$1,150.20	\$0.70	\$1,491.00
22(D). 8" Solid White Line - City of Tustin	LF	380.00	\$0.40	\$152.00	\$2.20	\$836.00	\$0.70	\$266.00
23. 8" Broken White Line	LF	40.00	\$0.40	\$16.00	\$1.10	\$44.00	\$0.70	\$28.00
24. 12" Solid Yellow Line	LF	1,660.00	\$2.25	\$3,735.00	\$1.37	\$2,274.20	\$1.75	\$2,905.00
25. 12" Solid White Line	LF	3,720.00	\$2.25	\$8,370.00	\$1.37	\$5,096.40	\$1.75	\$6,510.00
26(D). 12" Solid White Line - City of Tustin	LF	30.00	\$2.25	\$67.50	\$4.40	\$132.00	\$1.75	\$52.50
27. Yield Line - 12 Triangles	SF	108.00	\$2.50	\$270.00	\$3.30	\$356.40	\$3.30	\$356.40
28(D). Yield Lines-18 Triangles (City of Tustin)	SF	72.00	\$2.50	\$180.00	\$3.30	\$237.60	\$3.30	\$237.60
29. Yellow "Zebra" Crosswalk	SF	1,320.00	\$2.50	\$3,300.00	\$3.30	\$4,356.00	\$1.75	\$2,310.00
30. "Stop"	EA	92.00	\$55.00	\$5,060.00	\$88.00	\$8,096.00	\$78.00	\$7,176.00
31(D). "Stop" (City of Tustin)	EA	1.00	\$55.00	\$55.00	\$330.00	\$330.00	\$78.00	\$78.00
32. "Stop Ahead"	EA	13.00	\$120.00	\$1,560.00	\$181.00	\$2,353.00	\$180.00	\$2,340.00
33. "Slow School Xing"	EA	12.00	\$170.00	\$2,040.00	\$275.00	\$3,300.00	\$275.00	\$3,300.00
34(D). "Xing" (City of Tustin)	EA	1.00	\$55.00	\$55.00	\$104.00	\$104.00	\$80.00	\$80.00
35. "Yield"	EA	2.00	\$60.00	\$120.00	\$115.00	\$230.00	\$80.00	\$160.00
36. "Signal Ahead"	EA	9.00	\$140.00	\$1,260.00	\$220.00	\$1,980.00	\$220.00	\$1,980.00
37. "Wait Here"	EA	5.00	\$115.00	\$575.00	\$214.00	\$1,070.00	\$160.00	\$800.00
38. "Dip"	EA	2.00	\$45.00	\$90.00	\$137.00	\$274.00	\$60.00	\$120.00
39. "25"	EA	6.00	\$30.00	\$180.00	\$137.00	\$822.00	\$40.00	\$240.00
40. "40"	EA	2.00	\$30.00	\$60.00	\$137.00	\$274.00	\$40.00	\$80.00
41. "45"	EA	1.00	\$30.00	\$30.00	\$165.00	\$165.00	\$40.00	\$40.00
42. Left Arrow	EA	19.00	\$35.00	\$665.00	\$49.00	\$931.00	\$52.00	\$988.00
43(D). Left Arrow (City of Tustin)	EA	4.00	\$35.00	,	\$49.00	\$196.00	\$52.00	\$208.00

Bids Opened: 1/22/2014 W.O. No. ER20428

Project: Slurry Seal of Various Streets Limits: In Orange County, 2013-14

No. Of Bidders: 5 No. Of Bid Items: 56

ENGINEER'S ESTIMATE

Roy Allan Slurry Seal, Inc. American Asphalt South, Inc.

Description	Unit	Qty	Item Price	Total	Item Price	Total	Item Price	Total
Base Bid								
44. Right Arrow	EA	10.00	\$35.00	\$350.00	\$49.00	\$490.00	\$52.00	\$520.00
45(D). Right Arrow (City of Tustin)	EA	2.00	\$35.00	\$70.00	\$49.00	\$98.00	\$52.00	\$104.00
46(D). Straight Arrow (city of Tustin)	EA	2.00	\$35.00	\$70.00	\$49.00	\$98.00	\$52.00	\$104.00
47. Combination Arrow	EA	5.00	\$70.00	\$350.00	\$83.00	\$415.00	\$80.00	\$400.00
48. Merged Arrow	EA	2.00	\$70.00	\$140.00	\$143.00	\$286.00	\$100.00	\$200.00
49. Raised Pvmt Marker- Reflectorized blue	EA	265.00	\$12.00	\$3,180.00	\$11.00	\$2,915.00	\$11.00	\$2,915.00
50. Raised Pvmt Marker-Relectorized Yellow	EA	1,870.00	\$4.00	\$7,480.00	\$3.60	\$6,732.00	\$2.00	\$3,740.00
51. Raised Pvmt Marker-Relectorized White	EA.	565.00	\$4.00	\$2,260.00	\$4.00	\$2,260.00	\$2.00	\$1,130.00
52. Raised Pvmt Marker-Round Ceramic Yellow Additive Alternative #1	EA	555.00	\$4.00	\$2,220.00	\$2.20	\$1,221.00	\$2.00	\$1,110.00
53(A). Rubberized Emulsion Aggregate	GAL	178,940.00	\$5.50	\$984,170.00	\$0.00	\$0.00	\$0.00	\$0.00
Slurry (REAS) 54(A-D). Rubberized Emulsion Aggregate Slurry (REAS)-City of Tustin Additive Alternative #2	GAL	4,160.00	\$5.50	\$22,880.00	\$0.00	\$0.00	\$0.00	\$0.00
55(A). Tire Rubber Modified Slurry Seal (TRMSS)	SF	4,746,540.00	\$0.17	\$806,911.80	\$0.12	\$588,570.96	\$0.13	\$617,050.20
56(A-D). Tire Rubber Modified Slurry Seal (TRMSS)City of Tustin	SF	118,460.00	\$0.17	\$20,138.20	\$0.12	\$14,689.04	\$0.13	\$15,399.80
			ENGINEER'S ESTIMATE		Roy Allan Slurry Seal, Inc.		American Asphalt South, Inc.	
Engineer's Estimate (Base Bid + Alternative 1)			\$	1,461,466.20				
Engineer's Estimate (Base Bid + Alternative 2)			\$1,281,466.20					
Total Bid Amount					;	\$1,044,717.70	:	\$1,136,850.70
Total Base Bid			\$454,416.20			\$441,457.70		\$504,400.70
Additive Alternative #1			;	\$1,007,050.00		\$0.00		\$0.00
Additive Alternative #2				\$827,050.00		\$603,260.00		\$632,450.00

Bids Opened: 1/22/2014 W.O. No. ER20428

Project: Slurry Seal of Various Streets Limits: In Orange County, 2013-14

No. Of Bidders: 5 No. Of Bid Items: 56

			Pavement Coating Co.		Intermountain Slurry Seal, Inc.		Doug Martin Contracting Company	
Description	Unit	Qty	Item Price	Total	Item Price	Total	Item Price	Total
Base Bid								
Mobilization	LS	1.00	\$57,250.00	\$57,250.00	\$68,000.00	\$68,000.00	\$68,000.00	\$68,000.00
Traffic Control	LS	1.00	\$104,750.00	\$104,750.00	\$84,000.00	\$84,000.00	\$57,000.00	\$57,000.00
Erosion, Sediment, Chemical Control Plan		1.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
Rem. Traffic Striping & Pvmt. Markings	SF	28,150.00	\$1.06	\$29,839.00	\$1.00	\$28,150.00	\$1.30	\$36,595.00
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5(D). Rem. Traffic Striping & Pvmt. Markings-City of Tustin 6. Project Information Sign	SF	3,750.00	\$1.06	\$3,975.00 \$7,120.00	\$1.00	\$3,750.00	\$1.72	\$6,450.00
6. Project Information Sign	EA	8.00	\$890.00		\$1,000.00	\$8,000.00	\$1,050.00	\$8,400.00
7. Rem. & Replace AC Pavement	CY	640.00	\$60.50	\$38,720.00	\$56.25	\$36,000.00	\$210.60	\$134,784.00
8. AC: Patching	TN	1,250.00	\$152.00	\$190,000.00	\$142.00	\$177,500.00	\$81.00	\$101,250.00
9(D). Untreated Base: Patching	TN	100.00	\$90.00	\$9,000.00	\$84.00	\$8,400.00	\$28.00	\$2,800.00
10. 4" Dbl Yellow Centerline (2 Lines)	LF	18,575.00	\$0.97	\$18,017.75	\$0.90	\$16,717.50	\$0.52	\$9,659.00
11(D). 4" Dbl Yellow Centerline (2 Lines)City of Tustin	/ LF	2,375.00	\$0.97	\$2,303.75	\$0.90	\$2,137.50	\$0.52	\$1,235.00
12. 4"Broken Dbl Yellow Ctrline(1 Solid line-1 broken line)	LF	615.00	\$0.86	\$528.90	\$0.80	\$492.00	\$0.76	\$467.40
13(D). 4"Broken Dbl Yellow Ctrline(1 Solid line-1 broken line)City of Tustin	LF	575.00	\$0.86	\$494.50	\$0.80	\$460.00	\$0.76	\$437.00
14. 4" Solid Yellow Line	LF	1,910.00	\$0.70	\$1,337.00	\$0.65	\$1,241.50	\$0.33	\$630.30
15. 4" Solid White Line	LF	14,170.00	\$0.70	\$9,919.00	\$0.65	\$9,210.50	\$0.30	\$4,251.00
16(D). 4" Solid Wite Line - City of Tustin	LF	540.00	\$0.70	\$378.00	\$0.65	\$351.00	\$0.54	\$291.60
17. 4" Broken Yellow Line	LF	3,030.00	\$0.48	\$1,454.40	\$0.45	\$1,363.50	\$0.27	\$818.10
18. 4" Broken White Line	LF	3,950.00	\$0.48	\$1,896.00	\$0.45	\$1,777.50	\$0.27	\$1,066.50
19(D). 4" Broken White Line - City of Tustin	LF	350.00	\$0.48	\$168.00	\$0.45	\$157.50	\$0.27	\$94.50
20. 6" Broken White Line	LF	60.00	\$0.75	\$45.00	\$0.70	\$42.00	\$1.08	\$64.80
21. 8" Solid White Line	LF	2,130.00	\$1.08	\$2,300.40	\$1.00	\$2,130.00	\$0.51	\$1,086.30
22(D). 8" Solid White Line - City of Tustin	LF	380.00	\$1.08	\$410.40	\$1.00	\$380.00	\$2.15	\$817.00
23. 8" Broken White Line	LF	40.00	\$1.08	\$43.20	\$1.00	\$40.00	\$1.08	\$43.20
24. 12" Solid Yellow Line	LF	1,660.00	\$2.15	\$3,569.00	\$2.00	\$3,320.00	\$1.35	\$2,241.00
25. 12" Solid White Line	LF	3,720.00	\$2.15	\$7,998.00	\$2.00	\$7,440.00	\$1.35	\$5,022.00
26(D). 12" Solid White Line - City of Tustin	LF	30.00	\$2.15	\$64.50	\$2.00	\$60.00	\$4.32	\$129.60
27. Yield Line - 12 Triangles	SF	108.00	\$2.15	\$232.20	\$2.00	\$216.00	\$3.24	\$349.92
28(D). Yield Lines-18 Triangles (City of Tustin)	SF	72.00	\$2.15	\$154.80	\$2.00	\$144.00	\$3.24	\$233.28
29. Yellow "Zebra" Crosswalk	SF	1,320.00	\$3.23	\$4,263.60	\$3.00	\$3,960.00	\$3.24	\$4,276.80
30. "Stop"	EA	92.00	\$69.89	\$6,429.88	\$65.00	\$5,980.00	\$86.00	\$7,912.00
31(D). "Stop" (City of Tustin)	EA	1.00	\$69.89	\$69.89	\$65.00	\$65.00	\$324.00	\$324.00
32. "Stop Ahead"	EA	13.00	\$80.65	\$1,048.45	\$75.00	\$975.00	\$178.00	\$2,314.00
33. "Slow School Xing"	EA	12.00	\$134.00	\$1,608.00	\$125.00	\$1,500.00	\$265.00	\$3,180.00
34(D). "Xing" (City of Tustin)	EA	1.00	\$72.00	\$72.00	\$65.00	\$65.00	\$103.00	\$103.00
35. "Yield"	EA	2.00	\$80.65	\$161.30	\$75.00	\$150.00	\$113.00	\$226.00
36. "Signal Ahead"	EA	9.00	\$91.40	\$822.60	\$85.00	\$765.00	\$216.00	\$1,944.00
37. "Wait Here"	EA	5.00	\$91.40	\$457.00	\$85.00	\$425.00	\$214.00	\$1,070.00
38. "Dip"	EA	2.00	\$72.00	\$144.00	\$65.00	\$130.00	\$135.00	\$270.00
39. "25"	EA	6.00	\$72.00	\$432.00	\$65.00	\$390.00	\$135.00	\$810.00
40. "40"	EA							\$270.00
		2.00	\$72.00 \$72.00	\$144.00 \$72.00	\$65.00 \$65.00	\$130.00 \$65.00	\$135.00 \$163.00	
41. "45"	EA	1.00	\$72.00	\$72.00	\$65.00	\$65.00	\$162.00 \$40.00	\$162.00
42. Left Arrow	EA	19.00	\$80.65	\$1,532.35	\$75.00	\$1,425.00	\$49.00	\$931.00
43(D). Left Arrow (City of Tustin)	EA	4.00	\$80.65	\$322.60	\$75.00	\$300.00	\$49.00	\$196.00

Bids Opened: 1/22/2014 W.O. No. ER20428

Project: Slurry Seal of Various Streets Limits: In Orange County, 2013-14

No. Of Bidders: 5 No. Of Bid Items: 56

			Pavement Coating Co.		Intermountain Slurry Seal, Inc.		Doug Martin Contracting Company	
Description	Unit	Qty	Item Price	Total	Item Price	Total	Item Price	Total
Base Bid								
44. Right Arrow	EA	10.00	\$80.65	\$806.50	\$75.00	\$750.00	\$49.00	\$490.00
45(D). Right Arrow (City of Tustin)	EA	2.00	\$80.65	\$161.30	\$75.00	\$150.00	\$49.00	\$98.00
46(D). Straight Arrow (city of Tustin)	EA	2.00	\$80.65	\$161.30	\$75.00	\$150.00	\$49.00	\$98.00
47. Combination Arrow	EA	5.00	\$91.40	\$457.00	\$85.00	\$425.00	\$81.00	\$405.00
48. Merged Arrow	EA	2.00	\$108.00	\$216.00	\$100.00	\$200.00	\$140.00	\$280.00
49. Raised Pvmt Marker- Reflectorized blue	EA	265.00	\$16.13	\$4,274.45	\$15.00	\$3,975.00	\$11.00	\$2,915.00
50. Raised Pvmt Marker-Relectorized Yellow	EA	1,870.00	\$4.45	\$8,321.50	\$4.00	\$7,480.00	\$3.50	\$6,545.00
51. Raised Pvmt Marker-Relectorized White	EA	565.00	\$4.45	\$2,514.25	\$4.00	\$2,260.00	\$4.00	\$2,260.00
52. Raised Pvmt Marker-Round Ceramic Yellow Additive Alternative #1	EA	555.00	\$3.23	\$1,792.65	\$3.00	\$1,665.00	\$2.16	\$1,198.80
53(A). Rubberized Emulsion Aggregate	GAL	178,940.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Slurry (REAS) 54(A-D). Rubberized Emulsion Aggregate Slurry (REAS)-City of Tustin Additive Alternative #2	GAL	4,160.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
55(A). Tire Rubber Modified Slurry Seal	SF	4,746,540.00	\$0.15	\$688,248.30	\$0.19	\$901,842.60	\$0.24	\$1,115,436.90
(TRMSS) 56(A-D). Tire Rubber Modified Slurry Seal (TRMSS)City of Tustin	SF	118,460.00	\$0.17	\$19,782.82	\$0.19	\$22,507.40	\$0.47	\$55,320.82
			Paveme	nt Coating Co.	Intermountain S	Slurry Seal, Inc.	Doug Ma	rtin Contracting Company
Engineer's Estimate (Base Bid + Alterna	tive 1)							
Engineer's Estimate (Base Bid + Alterna	tive 2)							
Total Bid Amount				\$1,238,784.54		\$1,424,210.50		\$1,656,252.82
Total Base Bid				\$530,753.42		\$499,860.50		\$485,495.10
Additive Alternative #1				\$0.00		\$0.00		\$0.00
Additive Alternative #2				\$708,031.12		\$924,350.00		\$1,170,757.72