

Bid Opening: Thursday, August 30, 2018 @ 2:00 p.m.

Irvine Ranch Water District
 Bid Summary
 For
 Orange County Great Park Reach A Sewer Improvements
 Project Number 10068

Entered By: L.Gates

						1		2	
				Engineer's Estimate		T.E. Roberts, Inc.		L & S Construction, Inc.	
						Orange, CA		Orange, CA	
Item	Description			Unit	Total	Unit	Total	Unit	Total
No.		Qty	Unit	Price	Amount	Price	Amount	Price	Amount
Base Bid Items									
1	Mobilization, Bonds, Demobilization, Insurance and Clean-up (maximum 4% of Total for bid items 2-25)	1	LS	\$47,385.00	\$47,385.00	\$32,500.00	\$32,500.00	\$55,000.00	\$55,000.00
2	Bore & Jack 36" steel casing, Sta. 10+69.50 to Sta. 14+80.50	411	LF	\$894.00	\$367,434.00	\$1,078.00	\$443,058.00	\$990.00	\$406,890.00
3	Furnish and Install 18" PVC C-905 DR 18 pipeline inside the 36" casing, Sta. 10+48.30 to Sta. 14+84.15	436	LF	\$175.00	\$76,300.00	\$167.00	\$72,812.00	\$175.00	\$76,300.00
4	Remove existing 12" PVC sewer pipe in existing 30" casing and replace with 18" PVC C-905 DR 18 pipeline, Sta. 15+01.15 to Sta. 18+73.25, Sta. 18+78.25 to Sta. 22+38.35, Sta. 22+43.35 to Sta. 24+60.30	949	LF	\$359.00	\$340,691.00	\$180.00	\$170,820.00	\$340.00	\$322,660.00
5	Furnish and Install 18" PVC C-905 DR 18 pipeline, Sta. 10+02.50 to Sta. 10+43.30, Sta. 14+89.15 to Sta. 14+97.15	49	LF	\$200.00	\$9,800.00	\$285.00	\$13,965.00	\$625.00	\$30,625.00
6	Remove and replace existing 12" PVC sewer pipe with 18" PVC C-905 DR 18 pipe, Sta. 24+65.30 to Sta. 24+92	27	LF	\$300.00	\$8,100.00	\$660.00	\$17,820.00	\$675.00	\$18,225.00
7	Remove existing slurry filled 10" PVC pipe. Install 18" PVC C-905 DR 18 pipe per bypass detail	49	LF	\$260.00	\$12,740.00	\$215.00	\$10,535.00	\$1,300.00	\$63,700.00
8	Furnish and install Casing Test Station	8	EA	\$1,200.00	\$9,600.00	\$2,500.00	\$20,000.00	\$3,800.00	\$30,400.00
9	Construct 60" sewer manhole (MH2, MH3, MH5, MH6, MH7)	5	EA	\$7,000.00	\$35,000.00	\$12,300.00	\$61,500.00	\$20,000.00	\$100,000.00
10	Construct 8'x8' reinforced concrete pad around sewer manhole cover	9	EA	\$650.00	\$5,850.00	\$2,800.00	\$25,200.00	\$1,850.00	\$16,650.00
11	Construct plantable retaining wall around sewer manhole (MH8, MH9, MH10, MH11)	1	LS	\$8,000.00	\$8,000.00	\$55,000.00	\$55,000.00	\$50,000.00	\$50,000.00
12	Remove and reconstruct existing concrete pad around sewer manhole cover	2	EA	\$500.00	\$1,000.00	\$1,200.00	\$2,400.00	\$4,500.00	\$9,000.00
13	Install 30" composite frame and cover (MH2, MH3, MH5, MH6, MH7)	5	EA	\$1,500.00	\$7,500.00	\$1,200.00	\$6,000.00	\$2,750.00	\$13,750.00
14	Remove and replace 30" cast iron frame and cover with composite frame and cover (MH4, MH8, MH9)	3	EA	\$1,800.00	\$5,400.00	\$2,700.00	\$8,100.00	\$3,900.00	\$11,700.00
15	Remove and replace 36" cast iron frame and cover with composite frame and cover (MH10, MH11)	2	EA	\$2,600.00	\$5,200.00	\$2,700.00	\$5,400.00	\$19,000.00	\$38,000.00
16	Remove and replace existing 24" frame and cover with composite frame and cover (MH12)	1	EA	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00	\$3,500.00	\$3,500.00
17	Coat Sewer Manholes	1	LS	\$104,000.00	\$104,000.00	\$101,000.00	\$101,000.00	\$125,000.00	\$125,000.00
18	Remove and Replace damaged landscaping and irrigation	1	LS	\$30,000.00	\$30,000.00	\$19,600.00	\$19,600.00	\$35,000.00	\$35,000.00
19	Establish Survey Grid and Settlement Monitoring System and provide monitoring	1	LS	\$38,000.00	\$38,000.00	\$61,300.00	\$61,300.00	\$30,000.00	\$30,000.00
20	Trench Safety Measures	1	LS	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$40,000.00	\$40,000.00
21	Traffic Control	1	LS	\$5,500.00	\$5,500.00	\$4,900.00	\$4,900.00	\$47,000.00	\$47,000.00
22	Temporary sewer bypass on Technology Drive	1	LS	\$45,000.00	\$45,000.00	\$31,600.00	\$31,600.00	\$50,000.00	\$50,000.00
23	Temporary sewer bypass on south side of freeway	1	LS	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00
24	Record Drawings	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
25	All other site improvements including BMP, permits, fencing, turf block, parking lot pavement and striping	1	LS	\$80,000.00	\$80,000.00	\$61,900.00	\$61,900.00	\$180,000.00	\$180,000.00
SUBTOTAL, Base Bid Items					\$1,285,000.00		\$1,251,110.00		\$1,781,400.00
Adjustment (+ or -)					\$0.00		\$0.00		\$0.00
TOTAL AMOUNT OF BID					\$1,285,000.00		\$1,251,110.00		\$1,781,400.00

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Irvine Ranch Water District
Bid Summary
For
Orange County Great Park Reach A Sewer Improvements
Project Number 10068

Entered By: L.Gates

						1		2	
				Engineer's Estimate		T.E. Roberts, Inc.		L & S Construction, Inc.	
						Orange, CA		Orange, CA	
Item	Description			Unit	Total	Unit	Total	Unit	Total
No.		Qty	Unit	Price	Amount	Price	Amount	Price	Amount
						<u>Subcontractors:</u>		<u>Subcontractors:</u>	
						Jack & Bore - California Auger Boring, Inc.		Jack & Bore - California Auger Boring, Inc.	
						Manhole Coating - Sancon Technologies, Inc.		Manholes - Manhole Construction Specialists, Inc.	
						Slurry Seal - Mission Paving & Sealing, Inc.			
						Settlement Monitoring - Sixense, Inc.			
						Manholes - Moran Manhole Builders, Inc.			
						Concrete Work - Structures Unlimited			

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						3		4	
				Engineer's Estimate		E.J. Meyer Company		Paulus Engineering, Inc.	
						Highland, CA		Anaheim, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
Base Bid Items									
1	Mobilization, Bonds, Demobilization, Insurance and Clean-up (maximum 4% of Total for bid items 2-25)	1	LS	\$47,385.00	\$47,385.00	\$65,228.00	\$65,228.00	\$70,952.00	\$70,952.00
2	Bore & Jack 36" steel casing, Sta. 10+69.50 to Sta. 14+80.50	411	LF	\$894.00	\$367,434.00	\$600.00	\$246,600.00	\$1,404.00	\$577,044.00
3	Furnish and Install 18" PVC C-905 DR 18 pipeline inside the 36" casing, Sta. 10+48.30 to Sta. 14+84.15	436	LF	\$175.00	\$76,300.00	\$300.00	\$130,800.00	\$138.00	\$60,168.00
4	Remove existing 12" PVC sewer pipe in existing 30" casing and replace with 18" PVC C-905 DR 18 pipeline, Sta. 15+01.15 to Sta. 18+73.25, Sta. 18+78.25 to Sta. 22+38.35, Sta. 22+43.35 to Sta. 24+60.30	949	LF	\$359.00	\$340,691.00	\$440.00	\$417,560.00	\$611.00	\$579,839.00
5	Furnish and Install 18" PVC C-905 DR 18 pipeline, Sta. 10+02.50 to Sta. 10+43.30, Sta. 14+89.15 to Sta. 14+97.15	49	LF	\$200.00	\$9,800.00	\$800.00	\$39,200.00	\$220.00	\$10,780.00
6	Remove and replace existing 12" PVC sewer pipe with 18" PVC C-905 DR 18 pipe, Sta. 24+65.30 to Sta. 24+92	27	LF	\$300.00	\$8,100.00	\$1,000.00	\$27,000.00	\$1,207.00	\$32,589.00
7	Remove existing slurry filled 10" PVC pipe. Install 18" PVC C-905 DR 18 pipe per bypass detail	49	LF	\$260.00	\$12,740.00	\$1,000.00	\$49,000.00	\$1,144.00	\$56,056.00
8	Furnish and install Casing Test Station	8	EA	\$1,200.00	\$9,600.00	\$4,000.00	\$32,000.00	\$1,456.00	\$11,648.00
9	Construct 60" sewer manhole (MH2, MH3, MH5, MH6, MH7)	5	EA	\$7,000.00	\$35,000.00	\$35,000.00	\$175,000.00	\$18,368.00	\$91,840.00
10	Construct 8'x8' reinforced concrete pad around sewer manhole cover	9	EA	\$650.00	\$5,850.00	\$3,500.00	\$31,500.00	\$2,302.00	\$20,718.00
11	Construct plantable retaining wall around sewer manhole (MH8, MH9, MH10, MH11)	1	LS	\$8,000.00	\$8,000.00	\$35,000.00	\$35,000.00	\$38,255.00	\$38,255.00
12	Remove and reconstruct existing concrete pad around sewer manhole cover	2	EA	\$500.00	\$1,000.00	\$3,500.00	\$7,000.00	\$2,423.00	\$4,846.00
13	Install 30" composite frame and cover (MH2, MH3, MH5, MH6, MH7)	5	EA	\$1,500.00	\$7,500.00	\$6,000.00	\$30,000.00	\$11,649.00	\$58,245.00
14	Remove and replace 30" cast iron frame and cover with composite frame and cover (MH4, MH8, MH9)	3	EA	\$1,800.00	\$5,400.00	\$6,000.00	\$18,000.00	\$9,065.00	\$27,195.00
15	Remove and replace 36" cast iron frame and cover with composite frame and cover (MH10, MH11)	2	EA	\$2,600.00	\$5,200.00	\$6,000.00	\$12,000.00	\$25,981.00	\$51,962.00
16	Remove and replace existing 24" frame and cover with composite frame and cover (MH12)	1	EA	\$1,500.00	\$1,500.00	\$5,000.00	\$5,000.00	\$1,378.00	\$1,378.00
17	Coat Sewer Manholes	1	LS	\$104,000.00	\$104,000.00	\$100,000.00	\$100,000.00	\$63,892.00	\$63,892.00
18	Remove and Replace damaged landscaping and irrigation	1	LS	\$30,000.00	\$30,000.00	\$20,000.00	\$20,000.00	\$29,964.00	\$29,964.00
19	Establish Survey Grid and Settlement Monitoring System and provide monitoring	1	LS	\$38,000.00	\$38,000.00	\$100,000.00	\$100,000.00	\$49,571.00	\$49,571.00
20	Trench Safety Measures	1	LS	\$30,000.00	\$30,000.00	\$100,000.00	\$100,000.00	\$5,509.00	\$5,509.00
21	Traffic Control	1	LS	\$5,500.00	\$5,500.00	\$20,000.00	\$20,000.00	\$7,161.00	\$7,161.00
22	Temporary sewer bypass on Technology Drive	1	LS	\$45,000.00	\$45,000.00	\$20,000.00	\$20,000.00	\$53,915.00	\$53,915.00
23	Temporary sewer bypass on south side of freeway	1	LS	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$22,803.00	\$22,803.00
24	Record Drawings	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
25	All other site improvements including BMP, permits, fencing, turf block, parking lot pavement and striping	1	LS	\$80,000.00	\$80,000.00	\$140,000.00	\$140,000.00	\$55,522.00	\$55,522.00
SUBTOTAL, Base Bid Items					\$1,285,000.00		\$1,838,888.00		\$1,984,852.00
Adjustment (+ or -)					\$0.00		\$0.00		\$72,214.00
TOTAL AMOUNT OF BID					\$1,285,000.00		\$1,838,888.00		\$2,057,066.00

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Project Number 10068

Entered By: L.Gates

						3		4	
				Engineer's Estimate		E.J. Meyer Company Highland, CA		Paulus Engineering, Inc. Anaheim, CA	
Item	Description			Unit	Total	Unit	Total	Unit	Total
No.		Qty	Unit	Price	Amount	Price	Amount	Price	Amount
						<u>Subcontractors:</u>		<u>Subcontractors:</u>	
						Jack & Bore - Golden State Boring & Pipe Jacking, Inc.		Jack & Bore - California Auger Boring,	
						Manholes - Oldcastle Precast, Inc.		Manholes - Manhole Construction Specialists, Inc.	
						Manhole Coating - Sancon Technologies, Inc.		Bypass - Rain for Rent	

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						5	
				Engineer's Estimate		Mladen Buntich Construction, Inc.	
						Upland, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount
Base Bid Items							
1	Mobilization, Bonds, Demobilization, Insurance and Clean-up (maximum 4% of Total for bid items 2-25)	1	LS	\$47,385.00	\$47,385.00	\$90,000.00	\$90,000.00
2	Bore & Jack 36" steel casing, Sta. 10+69.50 to Sta. 14+80.50	411	LF	\$894.00	\$367,434.00	\$1,550.00	\$637,050.00
3	Furnish and Install 18" PVC C-905 DR 18 pipeline inside the 36" casing, Sta. 10+48.30 to Sta. 14+84.15	436	LF	\$175.00	\$76,300.00	\$200.00	\$87,200.00
4	Remove existing 12" PVC sewer pipe in existing 30" casing and replace with 18" PVC C-905 DR 18 pipeline, Sta. 15+01.15 to Sta. 18+73.25, Sta. 18+78.25 to Sta. 22+38.35, Sta. 22+43.35 to Sta. 24+60.30	949	LF	\$359.00	\$340,691.00	\$800.00	\$759,200.00
5	Furnish and Install 18" PVC C-905 DR 18 pipeline, Sta. 10+02.50 to Sta. 10+43.30, Sta. 14+89.15 to Sta. 14+97.15	49	LF	\$200.00	\$9,800.00	\$1,500.00	\$73,500.00
6	Remove and replace existing 12" PVC sewer pipe with 18" PVC C-905 DR 18 pipe, Sta. 24+65.30 to Sta. 24+92	27	LF	\$300.00	\$8,100.00	\$1,000.00	\$27,000.00
7	Remove existing slurry filled 10" PVC pipe. Install 18" PVC C-905 DR 18 pipe per bypass detail	49	LF	\$260.00	\$12,740.00	\$1,000.00	\$49,000.00
8	Furnish and install Casing Test Station	8	EA	\$1,200.00	\$9,600.00	\$3,000.00	\$24,000.00
9	Construct 60" sewer manhole (MH2, MH3, MH5, MH6, MH7)	5	EA	\$7,000.00	\$35,000.00	\$15,000.00	\$75,000.00
10	Construct 8'x8' reinforced concrete pad around sewer manhole cover	9	EA	\$650.00	\$5,850.00	\$4,000.00	\$36,000.00
11	Construct plantable retaining wall around sewer manhole (MH8, MH9, MH10, MH11)	1	LS	\$8,000.00	\$8,000.00	\$30,000.00	\$30,000.00
12	Remove and reconstruct existing concrete pad around sewer manhole cover	2	EA	\$500.00	\$1,000.00	\$7,500.00	\$15,000.00
13	Install 30" composite frame and cover (MH2, MH3, MH5, MH6, MH7)	5	EA	\$1,500.00	\$7,500.00	\$2,500.00	\$12,500.00
14	Remove and replace 30" cast iron frame and cover with composite frame and cover (MH4, MH8, MH9)	3	EA	\$1,800.00	\$5,400.00	\$3,000.00	\$9,000.00
15	Remove and replace 36" cast iron frame and cover with composite frame and cover (MH10, MH11)	2	EA	\$2,600.00	\$5,200.00	\$4,500.00	\$9,000.00
16	Remove and replace existing 24" frame and cover with composite frame and cover (MH12)	1	EA	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
17	Coat Sewer Manholes	1	LS	\$104,000.00	\$104,000.00	\$80,000.00	\$80,000.00
18	Remove and Replace damaged landscaping and irrigation	1	LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
19	Establish Survey Grid and Settlement Monitoring System and provide monitoring	1	LS	\$38,000.00	\$38,000.00	\$50,000.00	\$50,000.00
20	Trench Safety Measures	1	LS	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00
21	Traffic Control	1	LS	\$5,500.00	\$5,500.00	\$30,000.00	\$30,000.00
22	Temporary sewer bypass on Technology Drive	1	LS	\$45,000.00	\$45,000.00	\$75,000.00	\$75,000.00
23	Temporary sewer bypass on south side of freeway	1	LS	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
24	Record Drawings	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
25	All other site improvements including BMP, permits, fencing, turf block, parking lot pavement and striping	1	LS	\$80,000.00	\$80,000.00	\$250,000.00	\$250,000.00
SUBTOTAL, Base Bid Items					\$1,285,000.00		\$2,514,450.00
Adjustment (+ or -)					\$0.00		\$0.00
TOTAL AMOUNT OF BID					\$1,285,000.00		\$2,514,450.00

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Bid Summary
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Orange County Great Park Reach A Sewer Improvements
Project Number 10068

						5	
				Engineer's Estimate		Mladen Buntich Construction, Inc.	
						Upland, CA	
Item	Description			Unit	Total	Unit	Total
No.		Qty	Unit	Price	Amount	Price	Amount
						Subcontractors:	
						Jack & Bore - James D Barlow	
						Manhole Coating - Zebron Contracting, Inc.	