

Irvine Ranch Water District
 Bid Summary
 For
 Laguna Canyon Road and Quail Hill Parkway Cathodic Protection
 Project Number 05156 and 10541

						1		2	
				Engineer's Estimate		Corrpro Companies, Inc. Santa Fe Springs, CA		National Corrosion Los Alamitos, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
Base Bid Items									
1	Mobilization, demobilization, cleanup and spoil disposal (not to exceed 5%)	1	LS	\$54,750.00	\$54,750.00	\$49,999.99	\$49,999.99	\$55,366.00	\$55,366.00
2	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, tree removal, tree replacement, temporary hydrant removal/replacement, landscape repair, landscape retaining wall, upsizing of Edison handhole and all other appurtenant work for Location 1.	1	LS	\$175,100.00	\$175,100.00	\$133,998.00	\$133,998.00	\$150,155.00	\$150,155.00
3	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, tree removal, tree replacement, landscape repair, landscape retaining wall, upsizing of Edison handhole and all other appurtenant work for Location 2.	1	LS	\$175,500.00	\$175,500.00	\$133,996.00	\$133,996.00	\$160,822.00	\$160,822.00
4	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, landscape repair, upsizing of Edison handhole and all other appurtenant work for Location 3.	1	LS	\$173,200.00	\$173,200.00	\$126,927.00	\$126,927.00	\$130,819.00	\$130,819.00
5	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, landscape repair, upsizing of Edison handhole and all other appurtenant work for Location 4.	1	LS	\$208,700.00	\$208,700.00	\$126,926.00	\$126,926.00	\$152,337.00	\$152,337.00
6	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, landscape repair, upsizing of Edison handhole and all other appurtenant work for Location 5.	1	LS	\$175,100.00	\$175,100.00	\$126,926.00	\$126,926.00	\$141,991.00	\$141,991.00
7	Install insulator joint and insulator joint test station on existing 20" DW at Sta. 10+18.06.	1	LS	\$29,900.00	\$29,900.00	\$64,905.00	\$64,905.00	\$119,379.00	\$119,379.00
8	Install insulator joint and insulator joint test station on existing 36" RW at Sta. 10+09.52.	1	LS	\$34,900.00	\$34,900.00	\$75,636.00	\$75,636.00	\$124,837.00	\$124,837.00
9	Replace existing insulator test station with 2 wire test station on Existing 24" RW at Sta. 10+00.	1	LS	\$34,600.00	\$34,600.00	\$39,998.45	\$39,998.45	\$31,598.00	\$31,598.00
10	Remove existing bond wire across valve and test insulating flanges on existing 18" RW at Sta. 35+80.00.	1	LS	\$29,600.00	\$29,600.00	\$39,998.45	\$39,998.45	\$22,490.00	\$22,490.00
11	Provide slurry seal (Type II) in accordance with City of Irvine standards and encroachment permit.	3,530	SF	\$1.00	\$3,530.00	\$11.27	\$39,783.10	\$3.244	\$11,451.32

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				Engineer's Estimate		Corrpro Companies, Inc. Santa Fe Springs, CA		National Corrosion Los Alamitos, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
12	Trench Safety Measures.	1	LS	\$5,000.00	\$5,000.00	\$10,100.00	\$10,100.00	\$25,483.00	\$25,483.00
13	Startup, Testing, and Commissioning	1	LS	\$25,000.00	\$25,000.00	\$18,181.00	\$18,181.00	\$10,652.00	\$10,652.00
14	Operation & Maintenance Manuals	1	LS	\$4,000.00	\$4,000.00	\$7,575.00	\$7,575.00	\$4,261.00	\$4,261.00
15	Final Record Drawings	1	LS	\$5,000.00	\$5,000.00	\$5,050.00	\$5,050.00	\$7,989.00	\$7,989.00
<i>SUBTOTAL, Base Bid Items</i>					\$1,133,880.00		\$999,999.99	\$1,149,630.00	\$1,149,630.32
Additive and Deductive Bid Items									
A-1	Alternative Vent for Artesian Well	1	EA	\$8,000.00	\$8,000.00	\$808.00	\$808.00	\$4,565.00	\$4,565.00
A-2	Alternative Site 5 Edison Connection including but not limited to concrete sidewalk and asphalt repair, median repair, traffic control, landscape repair, and all other appurtenant work.	1	LS	\$21,700.00	\$21,700.00	\$82,010.99	\$82,010.99	\$67,274.00	\$67,274.00
A-3	NPDES Discharge Permit	1	LS	\$7,500.00	\$7,500.00	\$3,100.00	\$3,100.00	\$2,600.00	\$2,600.00
<i>SUBTOTAL, Additive/Deductive Bid Items</i>					\$37,200.00				
SUBTOTAL, Base Bid Items and Additive/Deductive Bid Items					\$1,171,080.00		\$85,918.99		\$74,439.00
Adjustment (+ or -)						\$0.00		\$0.00	\$0.00
TOTAL AMOUNT OF BID					\$1,171,080.00		\$1,085,918.98		\$1,224,069.32
NOTES:									
1 - National Corrosion's Bid Total Submitted was \$1,224,069.00 - modified Bid Total due to mathematical error on Bid Item No. 11.				Items		Manufacturers:		Manufacturers:	
				Rectifiers		Universal Rectifiers, Inc.		Universal Rectifiers, Inc.	
2 - Farwest Corrosion Control Company's Bid Total Submitted was \$1,235,720.00 - modified Bid Total due to mathematical error on Additive and Deductive Bid Items Item No. A-1.				Subcontractors:		Subcontractors:		Subcontractors:	
				Traffic Control - BC Traffic		Traffic Control - BC Traffic		Traffic Control - Traffic Management, Inc.	
				Tree Services - Leonard Chaldez Tree Service		Tree Services - Leonard Chaldez Tree Service		Landscape - Approved Tree Care	
				Paving Services - Beach Paving, Inc.		Paving Services - Beach Paving, Inc.		Asphalt - Excel Paving Company	
				Concrete Demolition - Kennah Construction, Inc.		Concrete Demolition - Kennah Construction, Inc.		Drilling - ABC Liovin Drilling, Inc.	
				Pipeline Contracting - T.E. Roberts, Inc.		Pipeline Contracting - T.E. Roberts, Inc.		Pipeline - Doty Bros	
				Electrical - Stout and Berg Electric, Inc.		Electrical - Stout and Berg Electric, Inc.			

Bid Summary

For

Laguna Canyon Road and Quail Hill Parkway Cathodic Protection

Project Number 05156 and 10541

Item No.	Description	Qty	Unit	Engineer's Estimate		3 Farwest Corrosion Control Company Downey, CA		4 American Construction and Supply, Inc. Corte Madera, CA	
				Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
Base Bid Items									
1	Mobilization, demobilization, cleanup and spoil disposal (not to exceed 5%)	1	LS	\$54,750.00	\$54,750.00	\$27,840.00	\$27,840.00	\$25,702.00	\$25,702.00
2	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, tree removal, tree replacement, temporary hydrant removal/replacement, landscape repair, landscape retaining wall, upsizing of Edison handhole and all other appurtenant work for Location 1.	1	LS	\$175,100.00	\$175,100.00	\$168,055.00	\$168,055.00	\$197,531.00	\$197,531.00
3	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, tree removal, tree replacement, landscape repair, landscape retaining wall, upsizing of Edison handhole and all other appurtenant work for Location 2.	1	LS	\$175,500.00	\$175,500.00	\$177,255.00	\$177,255.00	\$221,471.00	\$221,471.00
4	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, landscape repair, upsizing of Edison handhole and all other appurtenant work for Location 3.	1	LS	\$173,200.00	\$173,200.00	\$131,860.00	\$131,860.00	\$180,806.00	\$180,806.00
5	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, landscape repair, upsizing of Edison handhole and all other appurtenant work for Location 4.	1	LS	\$208,700.00	\$208,700.00	\$150,170.00	\$150,170.00	\$215,240.00	\$215,240.00
6	Install deep anode well per plan detail including but not limited to anode bed, vent, conduit, anode lead wires, rectifier unit including cabinet, concrete pad, shunt panel, structure lead wires, power, concrete sidewalk and asphalt repair, traffic control, landscape repair, upsizing of Edison handhole and all other appurtenant work for Location 5.	1	LS	\$175,100.00	\$175,100.00	\$145,100.00	\$145,100.00	\$224,855.00	\$224,855.00
7	Install insulator joint and insulator joint test station on existing 20" DW at Sta. 10+18.06.	1	LS	\$29,900.00	\$29,900.00	\$91,562.00	\$91,562.00	\$95,028.00	\$95,028.00
8	Install insulator joint and insulator joint test station on existing 36" RW at Sta. 10+09.52.	1	LS	\$34,900.00	\$34,900.00	\$109,870.00	\$109,870.00	\$78,783.00	\$78,783.00
9	Replace existing insulator test station with 2 wire test station on Existing 24" RW at Sta. 10+00.	1	LS	\$34,600.00	\$34,600.00	\$42,450.00	\$42,450.00	\$23,842.00	\$23,842.00
10	Remove existing bond wire across valve and test insulating flanges on existing 18" RW at Sta. 35+80.00.	1	LS	\$29,600.00	\$29,600.00	\$48,290.00	\$48,290.00	\$17,570.00	\$17,570.00
11	Provide slurry seal (Type II) in accordance with City of Irvine standards and encroachment permit.	3,530	SF	\$1.00	\$3,530.00	\$4.60	\$16,238.00	\$5.00	\$17,650.00

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				3				4	
				Engineer's Estimate		Farwest Corrosion Control Company Downey, CA		American Construction and Supply, Inc. Corte Madera, CA	
Item No.	Description	Qty	Unit	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
12	Trench Safety Measures.	1	LS	\$5,000.00	\$5,000.00	\$29,475.00	\$29,475.00	\$5,000.00	\$5,000.00
13	Startup, Testing, and Commissioning	1	LS	\$25,000.00	\$25,000.00	\$60,980.00	\$60,980.00	\$21,631.00	\$21,631.00
14	Operation & Maintenance Manuals	1	LS	\$4,000.00	\$4,000.00	\$3,630.00	\$3,630.00	\$5,000.00	\$5,000.00
15	Final Record Drawings	1	LS	\$5,000.00	\$5,000.00	\$4,350.00	\$4,350.00	\$10,000.00	\$10,000.00
<i>SUBTOTAL, Base Bid Items</i>					\$1,133,880.00		\$1,207,125.00		\$1,340,109.00
Additive and Deductive Bid Items									
A-1	Alternative Vent for Artesian Well	1	EA	\$8,000.00	\$8,000.00	\$595.00	\$595.00	\$5,000.00	\$5,000.00
A-2	Alternative Site 5 Edison Connection including but not limited to concrete sidewalk and asphalt repair, median repair, traffic control, landscape repair, and all other appurtenant work.	1	LS	\$21,700.00	\$21,700.00	\$20,120.00	\$20,120.00	\$5,000.00	\$5,000.00
A-3	NPDES Discharge Permit	1	LS	\$7,500.00	\$7,500.00	\$5,500.00	\$5,500.00	\$1,000.00	\$1,000.00
<i>SUBTOTAL, Additive/Deductive Bid Items</i>					\$37,200.00				
SUBTOTAL, Base Bid Items and Additive/Deductive Bid Items					\$1,171,080.00		\$26,215.00		\$11,000.00
Adjustment (+ or -)						\$0.00		\$0.00	\$0.00
TOTAL AMOUNT OF BID					\$1,171,080.00		\$1,233,340.00		\$1,351,109.00
NOTES:									
1 - National Corrosion's Bid Total Submitted was \$1,224,069.00 - modified Bid Total due to mathematical error on Bid Item No. 11.				Items		Manufacturers:		Manufacturers:	
				Rectifiers		Universal Rectifiers, Inc.		Farwest Corrosion Control	
2 - Farwest Corrosion Control Company's Bid Total Submitted was \$1,235,720.00 - modified Bid Total due to mathematical error on Additive and Deductive Bid Items Item No. A-1.						Subcontractors:		Subcontractors:	
						Traffic Control - TPR Traffic Solutions		Traffic Control - Traffic Management, Inc.	
						Tree Removal - Tom Day Tree Service			
						Paving/Asphalt - Superior Paving Co.		Patch Paving - Hardy & Harper	
						Insulator Replace - Paulus Engineering, Inc.		IJ Installs - Paulus Engineering, Inc.	