

Oceano Community Services District

Engineer's Opinion of Probable Costs included in Bid Package for Project 2018-01

UTILITY RELOCATION FOR AIRPARK DRIVE BRIDGE PROJECT - ESTIMATED COST OF CONSTRUCTION - PERMANENT UTILITIES PHASE				
Scope Item	Quantity	Unit	Cost per Unit	Total Estimated Cost
Wastewater Bid Item				
6" PVC Sewer Pipe - Buried - 6' Depth	150	LF	\$80.00	\$12,000.00
6" Ductile Iron Sewer Pipe - Hanging from Bridge	80	LF	\$60.00	\$4,800.00
Excavation	60	CY	\$40.00	\$2,400.00
Bedding + Pipe Zone Backfill	12	CY	\$60.00	\$697.50
Slurry Backfill	48	CY	\$140.00	\$6,772.50
Pavement Restoration (Covered as a part of the bridge installation)	0	SF	\$20.00	\$0.00
Shoring and Bracing	150	LF	\$40.00	\$6,000.00
Connection at New Manhole	1	EA	\$2,500.00	\$2,500.00
Wastewater Bid Item Subtotal				\$35,170.00
15% Contingency				\$5,275.50
Wastewater Bid Item Total				<u>\$40,445.50</u>
Water Bid Item				
8" PVC Water Pipe - Buried - 6' Depth	105	LF	\$90.00	\$9,450.00
8" Ductile Iron Water Pipe - Hanging from Bridge	80	LF	\$70.00	\$5,600.00
Excavation	42	CY	\$40.00	\$1,680.00
Bedding + Pipe Zone Backfill	8	CY	\$60.00	\$488.25
Slurry Backfill	34	CY	\$140.00	\$4,740.75
Pavement Restoration (Covered as a part of the bridge installation)	0	SF	\$20.00	\$0.00
Shoring and Bracing	105	LF	\$40.00	\$4,200.00
Water Bid Item Subtotal				\$26,159.00
15% Contingency				\$3,923.85
Water Bid Item Total				<u>\$30,082.85</u>
Estimated Total - Permanent Utilities				<u>\$70,528.35</u>
Engineer's Opinion of Probable Costs included in Bid Package for Project 2018-01				<u>\$71,000.00</u>

* This work will be bid by the County as an additive alternate to the Airpark Bridge Project. Additionally, OCSD will put this portion of work out to separate, alternate bid.

Oceano Community Services District - Project Ledger Card

Air Park Drive Utility Relocation Project

Project No: 2018-01

Project Codes: 02-5-4400-442 & 03-5-4500-442

Direct Costs - Labor	RATE	UNIT	HOURS	GRAND TOTAL
Utility Systems Supervisor	\$ 81.09	HR	160	\$ 12,974.82
Utility Systems Operator III	\$ 58.74	HR	160	\$ 9,398.53
Utility Systems Operator III	\$ 55.72	HR	160	\$ 8,914.42
Operator In Training (30% Overhead Included)	\$ 51.63	HR	160	\$ 8,260.19
Total Labor			640	\$ 39,547.96

Direct Costs - Equipment	RATE	UNIT	QTY	GRAND TOTAL
DUMP TRUCK	\$45.02	HR	80	\$3,601.60
OCSO BACK HOE	\$26.99	HR	80	\$2,159.20
SERVICE TRUCK	\$24.98	HR	80	\$1,998.40
TRACTOR/ JETER	\$39.62	HR	80	\$3,169.60
SAW CUTTER	\$17.81	HR	16	\$284.96
BLADE	\$0.18	LF	600	\$108.00
COMPACTOR	\$8.41	HR	80	\$672.80
SHORING	\$610.00	WK - 12 ft Units	4	\$2,440.00
Equipment Direct Costs				\$14,434.56
30% Overhead - PCC22017			30%	\$4,330.37
Equipment w/ Overhead				\$18,764.93

Materials/ Supplies/ Other Force Account	QUANTITY	UNIT	RATE	GRAND TOTAL
Wastewater Items				
Construction Staking - Survey	1	LS	250	\$1,000.00
Cortix - Pipes & Misc Supplies (See attached)	VARIOUS	VARIOUS	VARIOUS	\$4,362.16
Force Main - 6" Expansion Fitting	1	EA	\$3,553.00	\$3,553.00
Connection at New Manhole - Coring	1	EA	\$500.00	\$500.00
Bedding + Pipe Zone Backfill	12	CY	\$60.00	\$720.00
Slurry Backfill	48	CY	\$140.00	\$6,720.00
Wastewater Item Subtotal				\$16,855.16
30% Overhead - PCC 22017				\$5,056.55
Wastewater Bid Item Total				\$21,911.71
Water Items				
Construction Staking - Survey	1	LS	250	\$1,000.00
Cortix - Pipes & Misc Supplies (See attached)	VARIOUS	VARIOUS	VARIOUS	\$7,177.95
Force Main - 8" Expansion Fitting	1	EA	\$6,940.00	\$6,940.00
Bedding + Pipe Zone Backfill	8	CY	\$60.00	\$480.00
Slurry Backfill	34	CY	\$140.00	\$4,760.00
Water Item Subtotal				\$20,357.95
30% Overhead - PCC 22017				\$6,107.39
Water Bid Item Total				\$26,465.34
Estimated Total - Materials, Supplies & Other Force Account				\$48,377.04

TOTAL ESTIMATED PROJECT COSTS (Self Perform by Oceano CSD)

\$106,689.93

Oceano CSD - Personnel Costs

Project # 2018-01

Project Codes: 02-5-4400-442 & 03-5-4500-442

April 11, 2018

	Utility Systems Supervisor	Utility Systems Operator III	Utility Systems Operator III	Operator In Training
Annual Available hours	2,080	2,080	2,080	2,080
Vacation Leave	(120.00)	(120.00)	(96.00)	(96.00)
Sick Leave	(96.00)	(96.00)	(96.00)	(96.00)
Holiday /Floating Leave	(104.00)	(104.00)	(104.00)	(104.00)
Bereavement/Jury Duty	(40.00)	(40.00)	(40.00)	(40.00)
Training	(40.00)	(40.00)	(40.00)	(40.00)
Actual Available Hours	1,680	1,680	1,704	1,704

	Utility Systems Supervisor	Utility Systems Operator III	Utility Systems Operator III	Operator In Training
Hourly Rate as of 11/29/17	\$ 37.14	\$ 27.49	\$ 24.93	\$ 22.12
Annual wages @ 2080 Hours	\$ 77,251.20	\$ 57,179.20	\$ 51,854.40	\$ 46,009.60

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Health Benefits	\$11,643.60	\$6,105.60	\$14,400.00	\$14,400.00
Pension Benefits	\$11,910.59	\$8,815.89	\$ 3,387.65	\$3,872.73
Fringe Benefits (SDI, UI, Worker Comp)	\$3,991.20	\$3,810.55	\$3,387.65	\$3,387.65
Annual Wages w/ Benefits	\$ 104,796.59	\$ 75,911.24	\$ 73,029.70	\$ 67,669.98
Hourly Rate @Estimated Working Hours	\$ 62.38	\$ 45.19	\$ 42.86	\$ 39.71

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CUCCAC Rate Development & Allocation of Overhead* @ 30%	\$ 18.71	\$ 13.56	\$ 12.86	\$ 11.91
CUCCAC Productive Hourly Rates	\$ 81.09	\$ 58.74	\$ 55.72	\$ 51.63

Corix Water Products (US) Inc.

QUOTATION

2350 WESTGATE ROAD
 Santa Maria, CA 93455-1046
 USA
 Tel: 805-354-0378
 Fax: 805-287-9605
 www.corix.com



Sales Quote Number: 1771207956

Sales Quote Date: 04/11/18

Version No.: 1

Page: 1

Quote To: OCEANO COMMUNITY SERVICES DISTRICT
 1655 FRONT STREET
 PO BOX 599
 OCEANO, CA 93445
 USA
 Tel: 805-481-6730
 Fax: 805-481-6836

Ship To: OCEANO COMMUNITY SERVICES DISTRICT
 1655 FRONT STREET
 PO BOX 599
 OCEANO, CA 93445
 USA

Customer No.	OCECOM	Closing Date		Project	
Terms	Net 30 days	Bid Date		Engineer	
Ship Via		Ordered By		Cust Job No.	
Ship Method		SalesPerson	Anthony Razo	Cust Job Desc.	
F.O.B.		Creator	Anthony Razo	Cust PO No.	
Printed	ARAZO	04/11/2018	01:13 PM		

Item No.	Description	Purch. Code	Unit	Quantity	Unit Price	Total Price
RCALPHA0910	8 ROMAC ALPHA COUPLING 860-910		EA	2	310.00	620.00
C9U1408	8 DR14 C900 CL305 PIPE		FT	140	9.75	1,365.00
WWIMJ4508	8 MJ 45 ELL IMP		EA	4	68.00	272.00
WWI150008	8 EBAA MEGA LUG C900 KIT		EA	10	60.00	600.00
WWIMJF4508	8 MJXFLG 45 EL IMP		EA	4	123.00	492.00
SPL08X0500FF	8X5'0 FXF DI SPOOL		EA	2	339.00	678.00
NBBLTS08316	8 316SS BOLT UP SET 150#		EA	4	24.00	96.00
NBGARG108	8 RING NON-ASBESTOS 1/16 GASKET 150#		EA	4	4.00	16.00
DIFTACIP08350	8 ACIP FASTITE CL350 DI PIPE NO ZINC		FT	100	17.25	1,725.00
AGBRIPIRG08	8 ROMAC PIRANHA GASKET		EA	5	85.00	425.00
WWI140008	8 EBAA MEGA LUG DI KIT		EA	2	60.00	120.00
C9U1406	6 DR14 C900 CL305 PIPE		FT	160	5.70	912.00
WWIMJ4506	6 MJ 45 ELL IMP		EA	2	47.00	94.00
WWI150006	6 EBAA MEGA LUG C900 KIT		EA	5	46.00	230.00
WWIMJF4506	6 MJXFLG 45 EL IMP		EA	4	64.00	256.00
SPL06X0500FF	6X5'0 FXF DI SPOOL		EA	2	210.00	420.00
WWI140006	6 EBAA MEGA LUG DI KIT		EA	2	40.00	80.00
DIFTACIP06350050	6 ACIP FASTITE CL350/CL50 DI PIPE NO ZINC		FT	100	12.00	1,200.00
AGBRIPIRG06	6 ROMAC PIRANHA GASKET		EA	5	65.00	325.00
NBBLTS06316	6 316SS BOLT UP SET 150#		EA	4	25.00	100.00
NBGARG106	6 RING NON-ASBESTOS 1/16 GASKET 150#		EA	4	2.25	9.00
RCALPHA0700	6 ROMAC ALPHA COUPLING 660-700		EA	1	270.00	270.00

Corix Water Products (US) Inc.
2350 WESTGATE ROAD

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Page: 2

Item No.	Description	Purch. Code	Unit	Quantity	Unit Price	Total Price
WCUW14UF0500BLU	#14 1 COND UF WIRE BLUE 500'		FT	500	0.12	60.00
CTAPE03DETW	3 DETECTABLE TAPE BLUE WATER		FT	1,000	0.03	25.00
WWSDL202BS0905IP7	8X2IP FORD 202BS SDL PVC 905-905		EA	1	155.00	155.00
WWFB50020NL	2 FORD MIP X MIP BALLCORP NL		EA	1	215.00	215.00

Taxable Amount
10,760.00

Tax Exempt Amount
0.00

Subtotal: 10,760.00

Total Sales Tax: 780.11

Total: 11,540.11

Thank you for the opportunity to quote. This quote prepared for you by:

Anthony Razo

Tel: 805-354-0378

Anthony.Razo@corix.com

THIS QUOTATION IS VALID FOR THE IDENTIFIED CUSTOMER ONLY AND DOES NOT CONSTITUTE AN OFFER TO SELL. ALL QUOTATIONS ARE SUBJECT TO APPROVAL OF CREDIT. CORIX ACCEPTS NO RESPONSIBILITY FOR THE CORRECTNESS OR COMPLETENESS OF MATERIAL QUOTED. F.O.B. POINT & PRICES ARE BASED ON ALL ITEMS AND QUANTITIES QUOTED UNLESS OTHERWISE NOTED.

ALL PRICES ARE FIRM FOR ACCEPTANCE WITHIN 30 DAYS OF QUOTATION DATE