OXNARD WASTEWATER TREATMENT PLANT RELIABILITY IMPROVEMENTS PROJECT (REBID) Specification No. PW 20-27R

Owner City of Oxnard Bids Or 4/14/2022				Kiewitt Infranstructure West Co. 10704 Shoemaker Avenue Santa Fe Springs, CA 90670 #1		J.R. Filanc Construction Company, Inc. 740 N. Andreasen Drive Escondido, CA 92029 #2		Flatiron West, Inc. 14726 Ramona Avenue, Suite 300 Chino, CA 91710 #3	
ITEM NO.	DESCRIPTION	UNIT OF MEASURE	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
	PROJECT A -	MAINTENAN	ICE STORAGE A	ND SECURITY IMPR	OVEMENTS				
A-1	Mobilization and demobilization (Maximum 5% of Total Base Amount for Project A).	Lump Sum	LS		\$400,000		\$500,000		\$450,000
A-2	Surveillance System Investigation and Design	Lump Sum	LS		\$20,000		\$15,000		\$1,000,000
A-3	Surveillance Cameras and Video Management System	Lump Sum	LS		\$200,000		\$660,000		\$700,000
A-4	Surveillance System Testing Commissioning and Training	Lump Sum	LS		\$15,000		\$12,000		\$13,000
A-5	Demolition	Lump Sum	LS		\$550,000		\$700,000		\$500,000
A-6	Site Work	Lump Sum	LS		\$1,000,000		\$2,460,000		\$3,000,000
A-7	Pavement	Square Yards	1,600	\$63	\$100,000	\$156	\$249,600	\$100	\$160,000
A-8	Pre-Engineered Building	Lump Sum	LS		\$1,600,000		\$2,450,000		\$1,350,000
A-9	Decorative Fencing	Linear Feet	1,700	\$360	\$612,000	\$406	\$690,200	\$340	\$578,000

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A-10	Decorative Fencing Sliding Gates	Each	3	\$100,000	\$300,000	\$83,334	\$250,002	\$95,000	\$285,000
A-10A	Decorative Fencing – Inward Swing Gates	Each	5	\$50,000	\$250,000	\$55,000	\$275,000	\$50,000	\$250,000
A-11	Decorative Fencing Pedestrian Gates	Each	1	\$17,000	\$17,000	\$17,000	\$17,000	\$16,000	\$16,000
A-12	Chain Link Fencing	Linear Feet	2,000	\$220	\$440,000	\$225	\$450,000	\$210	\$420,000
A-13	Chain Link Privacy Fencing	Linear Feet	1,850	\$340	\$629,000	\$400	\$740,000	\$377	\$697,450
A-14	Chain Link Gates	Each	1	\$18,000	\$18,000	\$20,000	\$20,000	\$17,000	\$17,000
A-15	Conduit Trench	Linear feet	3,600	\$45	\$162,000	\$40	\$144,000	\$127	\$457,200
A-16	Electrical	Lump Sum	LS		\$3,000,000		\$675,000		\$940,000
	BASE AMOUNT TOTAL PROJECT A				\$9,313,000		\$10,307,802		
	ADDITIVE ITEMS								
1	Additional Improvements	Allowance		\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
2	Extended Service Maintenance Contract	Lump Sum	LS		\$15,000		\$19,000		\$19,500
3	Additional Pole-Mounted Cameras	Each	5	\$15,000	\$75,000	\$21,000	\$105,000	\$28,000	\$140,000
	TOTAL PROJECT A				\$9,653,000		\$10,681,802		
	PROJECT B - ELECTRICAL SYSTEMS IMPROVEMENTS								
B-1	Mobilization and demobilization (Maximum 5% of Total Base Amount for Project B)	Lump Sum	LS		\$900,000		\$858,000		\$950,000

\$1,000,000

\$1,300,000

\$2,000,000

Lump Sum

LS

B-2 Demolition and Site Preparation

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В-3	Site Utilities and Duct Banks	Lump Sum	LS		\$2,000,000		\$5,265,000		\$6,000,000
B-4	Site Restoration and Improvements	Lump Sum	LS		\$1,200,000		\$310,000		\$800,000
B-5	Main Switchgear Building	Lump Sum	LS		\$3,500,000		\$7,463,101		\$6,200,000
B-6	Electrical/instrumentation	Lump Sum	LS		\$8,000,000		\$2,000,000		\$2,000,000
B-7	Standby Engine Generator	Lump Sum	LS		\$2,000,000		\$2,000,000		\$2,700,000
	BASE AMOUNT TOTAL PROJECT B	•			\$18,600,000		\$19,196,101		
	ADDITIVE ITEMS								
1	Additional Improvements	Allowance		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
	TOTAL PROJECT B				\$19,100,000		\$19,696,101		

	PROJECT C -	MCC REPLAC	CEMENTS AND S	SCADA UPGRADE			
C-1	Mobilization and demobilization (Maximum 5% of Total Base Amount for Project C).	Lump Sum	LS		\$250,000	\$400,000	\$300,000
C-2	North Area Electrical Building MCC replacement	Lump Sum	LS		\$1,000,000	\$1,900,000	\$995,000
C-3	Digester Building Improvements and MCC Replacement	Lump Sum	LS		\$700,000	\$950,000	\$690,000
C-4	Operations Storage Building MCC Replacement	Lump Sum	LS		\$60,000	\$300,000	\$225,000
C-5	Co-Generation Building MCC Replacement	Lump Sum	LS		\$700,000	\$700,000	\$750,000
C-6	Effluent Pump Station MCC Replacement	Lump Sum	LS		\$200,000	\$280,000	\$300,000
C-7	Plant Control Center SCADA Hardware Upgrade	Lump Sum	LS		\$250,000	\$340,000	\$360,000

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C-8	SCADA System software development and Integration	Lump Sum	LS		\$250,000		\$150,000		\$155,000
C-9	Controllers Replacement and Programming	Lump Sum	LS		\$2,000,000		\$2,200,000		\$2,100,000
C-10	SCADA HMI Development	Lump Sum	LS		\$100,000		\$160,000		\$170,000
C-11	AWPF Software Conversion	Lump Sum	LS		\$250,000		\$370,000		\$390,000
C-12	Headworks Software Conversion	Lump Sum	LS		\$60,000		\$100,000		\$105,000
C-13	Remote Pump Stations HMI Development	Each	15		\$75,000		\$127,500		\$136,500
C-14	Aeration Process Control System	Lump Sum	LS		\$100,000		\$43,000		\$48,000
C-15	Additional Discrete I/O Programming	Each	200	\$200	\$40,000	\$275	\$55,000	\$290	\$58,000
C-16	Additional Analog I/O Programming	Each	100	\$300	\$30,000	\$340	\$34,000	\$370	\$37,000
C-17	Additional HMI Screens	Each	50	\$1,200	\$60,000	\$2,000	\$100,000	\$2,400	\$120,000
C-18	Cable Bundle for I/O Signals	Feet	12,000	\$3	\$36,000	\$4	\$48,000	\$3	\$40,800
	BASE AMOUNT TOTAL PROJECT C			\$6,161,000		\$8,257,500			
	ADDITIVE ITEMS								
1	Additional Improvements	Allowance		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
	TOTAL PROJECT C				\$6,661,000		\$8,757,500		

ITEM NO.	DESCRIPTION	UNIT OF MEASURE	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
	PROJECT D -	PROCESS AF	REA IMPROVEM	ENTS					
D-1	Mobilization and demobilization (Maximum 5% of Total Base Amount for Project D).	Lump Sum	LS		\$500,000		\$750,000		\$600,000
D-2	Headworks Odor Control System Improvements	Lump Sum	LS		\$3,000,000		\$3,403,002		\$3,500,000
D-3	Headworks Covers	Lump Sum	LS		\$1,000,000		\$1,075,852		\$900,000
D-4	Headworks Concrete Restoration – Concrete Coating	Square Feet	10,000	\$80	\$800,000	\$76	\$760,000	\$76	\$760,000
D-5	Headworks Concrete Restoration – Concrete Repairs	Square Feet	2,000	\$175	\$350,000	\$305	\$610,000	\$160	\$320,000
D-6	Miscellaneous Headworks Improvements	Lump Sum	LS		\$500,000		\$500,000		\$150,000
D-7	Digester #2 Concrete Cover Replacement	Lump Sum	LS		\$2,500,000		\$2,800,000		\$2,900,000
D-8	Digester #2 Mechanical Systems Replacement	Lump Sum	LS		\$4,820,000		\$1,500,000		\$3,340,000
D-9	Digester #2 Sludge Heat Exchanger	Lump Sum	LS		\$600,000		\$500,000		\$800,000
D-10	Digester 1 and 3 Improvements	Lump Sum	LS		\$100,000		\$250,000		\$300,000
D-11	Site Piping Improvements	Lump Sum	LS		\$500,000		\$1,500,000		\$100,000
D-12	Electrical/Instrumentation	Lump Sum	LS		\$2,500,000		\$600,000		\$660,000
	BASE AMOUNT TOTAL PROJECT D				\$17,170,000		\$14,248,854		
	ADDITIVE ITEMS								
1	Additional Improvements	Allowance		\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000
2	Screens and Conveyors Covers	Allowance		\$800,000	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000

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	TOTAL PROJECT D				\$18,720,000		\$15,798,854		
					Kiewitt Infranstructure West Co.		J.R. Filanc Construction Company, Inc.		Flatiron West, Inc.
			TOTAL BI	D SUBMITTED	\$54,134,000		\$54,934,257		\$55,753,450
			TOTAL B	ID VERIFIED	\$54,134,000		\$54,934,257		\$55,753,450
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					Next Century Rebar	Subcontractors:	National Coating	Subcontractors:	Camblin Steel Service
					Perimeter Security Group Malcom Drilling, Inc.		Shook Building Systems		F.D. Thomas, Inc.
					Malcom Drining, mc.		Shook building Systems		Shook Building Systems,
					Link-Nilsen		Hardy and Harper		Inc.
							,		Taft Electrical Company,
					Shook Building Systems		Fence Factory		Inc.
									Smith Mechanical
					Mass Elecvtric		Keller North American		Electrical Plumbing
					FD Thomas		Camblin Steel		
					Smith Mechanical				
					Electric Plumbing		Skyline Scaffold, Inc.		