

Invitation To Bid #23050 - Courtney Bend Water Treatment Plant Well Rehabilitation  
 Bid Closing Date - May 23rd, 2023

Vendor					Brotcke Well & Pump Inc.		Layne	
Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Well No. 9 (a)	Removal & inspection of equipment	Remove equipment from well setting and perform inspection. Perform pre-rehabilitation constant rate pump test	1	Lot	\$11,160.00	\$11,160.00	\$18,250.00	\$18,250.00
Well No. 9 (b)	Complete pump equipment replacement	Complete pumping equipment replacement	1	Lot	\$36,300.00	\$36,300.00	\$46,973.00	\$46,973.00
Well No. 9 (c) technique no. 1	Well rehabilitation technique No. 1 Price	Well rehabilitation utilizing technique No. 1	1	Lot	\$74,878.00	\$74,878.00	\$39,635.00	\$39,635.00
Well No. 9 (c) technique no. 2	Well rehabilitation technique No. 2 Price	Well rehabilitation utilizing technique No. 2	1	Lot	\$57,925.00	\$57,925.00	\$38,613.00	\$38,613.00
Well No. 9 (d)	Equipment install	Perform post-rehabilitation constant rate pump test. Install equipment in well setting	1	Lot	\$12,850.00	\$12,850.00	\$14,981.00	\$14,981.00
Well No. 10 (a)	Removal & inspection of equipment	Remove equipment from well setting and perform inspection. Perform pre-rehabilitation constant rate pump test	1	Lot	\$11,160.00	\$11,160.00	\$18,250.00	\$18,250.00
Well No. 10 (b)	Complete pump equipment replacement	Complete pumping equipment replacement	1	Lot	\$44,406.00	\$44,406.00	\$46,973.00	\$46,973.00
Well No. 10 (c) technique no. 1	Well rehabilitation technique No. 1 Price	Well rehabilitation utilizing technique No. 1	1	Lot	\$74,878.00	\$74,878.00	\$39,635.00	\$39,635.00
Well No. 10 (c) technique no. 2	Well rehabilitation technique No. 2 Price	Well rehabilitation utilizing technique No. 2	1	Lot	\$57,925.00	\$57,925.00	\$38,613.00	\$38,613.00
Well No. 10 (d)	Equipment install	Perform post-rehabilitation constant rate pump test. Install equipment in well setting	1	Lot	\$12,850.00	\$12,850.00	\$14,981.00	\$14,981.00

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Vendor					Brotcke Well & Pump Inc.		Layne	
Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Well No. 20 (a)	Removal & inspection of equipment	Remove equipment from well setting and perform inspection. Perform pre-rehabilitation constant rate pump test	1	Lot	\$11,160.00	\$11,160.00	\$18,250.00	\$18,250.00
Well No. 20 (b)	Complete pump equipment replacement	Complete pumping equipment replacement	1	Lot	\$42,810.00	\$42,810.00	\$46,973.00	\$46,973.00
Well No. 20 (c) technique no. 1	Well rehabilitation technique No. 1 Price	Well rehabilitation utilizing technique No. 1	1	Lot	\$74,878.00	\$74,878.00	\$39,635.00	\$39,635.00
Well No. 20 (c) technique no. 2	Well rehabilitation technique No. 2 Price	Well rehabilitation utilizing technique No. 2	1	Lot	\$57,925.00	\$57,925.00	\$38,613.00	\$38,613.00
Well No. 20 (d)	Equipment install	Perform post-rehabilitation constant rate pump test. Install equipment in well setting	1	Lot	\$12,850.00	\$12,850.00	\$14,981.00	\$14,981.00
Well No. 22 (a)	Removal & inspection of equipment	Remove equipment from well setting and perform inspection. Perform pre-rehabilitation constant rate pump test	1	Lot	\$11,160.00	\$11,160.00	\$18,250.00	\$18,250.00
Well No. 22 (b)	Complete pump equipment replacement	Complete pumping equipment replacement	1	Lot	\$31,850.00	\$31,850.00	\$46,973.00	\$46,973.00
Well No. 22 (c) technique no. 1	Well rehabilitation technique No. 1 Price	Well rehabilitation utilizing technique No. 1	1	Lot	\$74,878.00	\$74,878.00	\$39,635.00	\$39,635.00
Well No. 22 (c) technique no. 2	Well rehabilitation technique No. 2 Price	Well rehabilitation utilizing technique No. 2	1	Lot	\$57,923.00	\$57,923.00	\$38,613.00	\$38,613.00
Well No. 22 (d)	Equipment install	Perform post-rehabilitation constant rate pump test. Install equipment in well setting	1	Lot	\$12,850.00	\$12,850.00	\$14,981.00	\$14,981.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Well No. 42 (a)	Removal & inspection of equipment	Remove equipment from well setting and perform inspection. Perform pre-rehabilitation constant rate pump test	1	Lot	\$11,160.00	\$11,160.00	\$12,653.00	\$12,653.00
Well No. 42 (b)	Complete pump equipment replacement	Complete pumping equipment replacement	1	Lot	\$28,105.00	\$28,105.00	\$38,371.00	\$38,371.00
Well No. 42 (c) technique no. 1	Well rehabilitation technique No. 1 Price	Well rehabilitation utilizing technique No. 1	1	Lot	\$74,878.00	\$74,878.00	\$44,661.00	\$44,661.00
Well No. 42 (c) technique no. 2	Well rehabilitation technique No. 2 Price	Well rehabilitation utilizing technique No. 2	1	Lot	\$57,925.00	\$57,925.00	\$43,546.00	\$43,546.00
Well No. 42 (d)	Equipment install	Perform post-rehabilitation constant rate pump test. Install equipment in well setting	1	Lot	\$12,850.00	\$12,850.00	\$9,385.00	\$9,385.00
<b>\$583,311.00</b>								
Line Item No. 6 (1)	6" dia x 21' long CS column pipe assembly - OPTIONAL ADDER	6 inch diameter x 21 feet long threaded submersible pump sch. 40 carbon steel column pipe with 6 inch API carbon steel threaded couplings coated as specified	1	Each	\$1,980.00	\$1,980.00	\$1,908.00	\$1,908.00
Line Item No. 6 (2)	8" dia x 21' long CS column pipe assembly - OPTIONAL ADDER	8 inch diameter x 21 feet long threaded submersible pump sch. 40 carbon steel column pipe with 8 inch API carbon steel threaded couplings coated as specified	1	Each	\$2,823.00	\$2,823.00	\$2,230.00	\$2,230.00
Line Item No. 6 (3)	10" dia x 21' long CS column pipe assembly - OPTIONAL ADDER	10 inch diameter x 21 feet long threaded submersible pump sch. 40 carbon steel column pipe with 10 inch API carbon steel threaded couplings coated as specified	1	Each	\$4,840.00	\$4,840.00	\$2,838.00	\$2,838.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (4)	12" dia x 21' long CS column pipe assembly - OPTIONAL ADDER	12 inch diameter x 21 feet long threaded submersible pump sch. 40 carbon steel column pipe with 12 inch API carbon steel threaded couplings coated as specified	1	Each	\$6,050.00	\$6,050.00	\$3,607.00	\$3,607.00
Line Item No. 6 (5)	6" dia API CS coupling - OPTIONAL ADDER	6 inch diameter API threaded carbon steel coupling coated as specified herein.	1	Each	\$455.00	\$455.00	\$210.00	\$210.00
Line Item No. 6 (6)	8" dia API CS coupling - OPTIONAL ADDER	8 inch diameter API threaded carbon steel coupling coated as specified herein.	1	Each	\$595.00	\$595.00	\$265.00	\$265.00
Line Item No. 6 (7)	10" dia API CS coupling - OPTIONAL ADDER	10 inch diameter API threaded carbon steel coupling coated as specified herein.	1	Each	\$910.00	\$910.00	\$360.00	\$360.00
Line Item No. 6 (8)	12" dia API CS coupling - OPTIONAL ADDER	12 inch diameter API threaded carbon steel coupling coated as specified herein.	1	Each	\$1,225.00	\$1,225.00	\$504.00	\$504.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (9)	8" dia x 10' long CS vertical turbine column pipe assembly - OPTIONAL ADDER	8 inch diameter x 10 feet long section of 1-3/16 inch diameter shafting x 2 inch diameter tubing sch. 40 carbon steel vertical turbine column pipe assembly. With combination couplings or brass drop in spiders - no "black widow" spiders. Column pipe shall be coated as specified herein. Lineshafting shall be carbon tool steel threaded and coupled, shaft tubing shall be carbon steel with bronze bushings threaded and coupled and coated on the exterior surface as specified	1	Each	\$2,457.00	\$2,457.00	\$1,674.00	\$1,674.00
Line Item No. 6 (10)	10" dia x 10' long CS vertical turbine column pipe assembly - OPTIONAL ADDER	10 inch diameter x 10 feet long section of 1-1/2 inch diameter shafting x 2-1/2 inch diameter tubing sch. 40 carbon steel vertical turbine column pipe assembly. With combination couplings or brass drop in spiders - no "black widow" spiders. Column pipe shall be coated as specified herein. Lineshafting shall be carbon tool steel threaded and coupled, shaft tubing shall be carbon steel with bronze bushings threaded and coupled and coated on the exterior surface as specified	1	Each	\$2,985.00	\$2,985.00	\$2,314.00	\$2,314.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (11)	1800 rpm vertical turbine pump bowl assembly for well 9 - OPTIONAL ADDER	1800 rpm vertical turbine pump bowl assembly matching the existing design point of well no. 9 that meets or exceeds the conditions and efficiency of the existing assembly. Pump bowls shall be cast iron coated as specified herein, bearings shall be bronze, impellers shall be stainless steel or bronze, shafts shall be 416L stainless steel or better	1	Each	\$9,261.00	\$9,261.00	\$8,845.00	\$8,845.00
Line Item No. 6 (12)	1800 rpm vertical turbine pump bowl assembly for well 10 - OPTIONAL ADDER	1800 rpm vertical turbine pump bowl assembly matching the existing design point of well no. 10 that meets or exceeds the conditions and efficiency of the existing assembly. Pump bowls shall be cast iron coated as specified herein, bearings shall be bronze, impellers shall be stainless steel or bronze, shafts shall be 416L stainless steel or better	1	Each	\$7,686.00	\$7,686.00	\$8,845.00	\$8,845.00
Line Item No. 6 (13)	1800 rpm vertical turbine pump bowl assembly for well 20 - OPTIONAL ADDER	1800 rpm vertical turbine pump bowl assembly matching the existing design point of well no. 20 that meets or exceeds the conditions and efficiency of the existing assembly. Pump bowls shall be cast iron coated as specified herein, bearings shall be bronze, impellers shall be stainless steel or bronze, shafts shall be 416L stainless steel or better	1	Each	\$7,935.00	\$7,935.00	\$8,745.00	\$8,745.00

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Vendor					Brotcke Well & Pump Inc.		Layne	
Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (14)	1800 rpm vertical turbine pump bowl assembly for well 22 - OPTIONAL ADDER	1800 rpm vertical turbine pump bowl assembly matching the existing design point of well no. 22 that meets or exceeds the conditions and efficiency of the existing assembly. Pump bowls shall be cast iron coated as specified herein, bearings shall be bronze, impellers shall be stainless steel or bronze, shafts shall be 416L stainless steel or better	1	Each	\$8,691.00	\$8,691.00	\$8,745.00	\$8,745.00
Line Item No. 6 (15)	3600 rpm vertical turbine pump bowl assembly for well 42 - OPTIONAL ADDER	3600 rpm submersible motor coupled turbine pump bowl assembly matching the existing design point of well no. 42 that meets or exceeds the conditions and efficiency of the existing assembly. Pump bowls shall be cast iron coated as specified herein, bearings shall be bronze, impellers shall be stainless steel or bronze, shafts shall be 416L stainless steel or better	1	Each	\$4,650.00	\$4,650.00	\$6,350.00	\$6,350.00
Line Item No. 6 (16)	Pump bowl motor suction adaptor for well 42 - OPTIONAL ADDER	Cast iron motor/suction adaptor for the existing submersible motor turbine pump in well no. 42 coated as specified herein	1	Each	\$996.00	\$996.00	\$1,500.00	\$1,500.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (17)	Well 9 pump rebuild - OPTIONAL ADDER	Lump sum price to rebuild existing pump bowl assembly in well no. 9 including 416L stainless steel impeller shaft, bronze bearings, bronze wear rings, and coated as specified herein	1	Each	\$3,845.00	\$3,845.00	\$4,700.00	\$4,700.00
Line Item No. 6 (18)	Well 10 pump rebuild - OPTIONAL ADDER	Lump sum price to rebuild existing pump bowl assembly in well no. 10 including 416L stainless steel impeller shaft, bronze bearings, bronze wear rings, and coated as specified herein	1	Each	\$2,968.00	\$2,968.00	\$4,800.00	\$4,800.00
Line Item No. 6 (19)	Well 20 pump rebuild - OPTIONAL ADDER	Lump sum price to rebuild existing pump bowl assembly in well no. 20 including 416L stainless steel impeller shaft, bronze bearings, bronze wear rings, and coated as specified herein	1	Each	\$3,845.00	\$3,845.00	\$5,250.00	\$5,250.00
Line Item No. 6 (20)	Well 22 pump rebuild - OPTIONAL ADDER	Lump sum price to rebuild existing pump bowl assembly in well no. 22 including 416L stainless steel impeller shaft, bronze bearings, bronze wear rings, and coated as specified herein	1	Each	\$4,216.00	\$4,216.00	\$4,650.00	\$4,650.00
Line Item No. 6 (21)	Well 42 pump rebuild - OPTIONAL ADDER	Lump sum price to rebuild existing pump bowl assembly in well no. 42 including 416L stainless steel impeller shaft, bronze bearings, bronze wear rings, and coated as specified herein	1	Each	\$3,720.00	\$3,720.00	\$4,650.00	\$4,650.00



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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (19)	8" dia. x 5' long CS carrier pipe - OPTIONAL ADDER	8 inch diameter x 5 feet long section of sch. 40 carbon steel API threaded carrier pipe coated as specified herein	1	Each	\$1,006.00	\$1,006.00	\$1,250.00	\$1,250.00
Line Item No. 6 (20)	10" dia. x 5' long CS carrier pipe - OPTIONAL ADDER	10 inch diameter x 5 feet long section of sch. 40 carbon steel API threaded carrier pipe coated as specified herein	1	Each	\$1,444.00	\$1,444.00	\$1,650.00	\$1,650.00
Line Item No. 6 (21)	12" dia. x 5' long CS carrier pipe - OPTIONAL ADDER	12 inch diameter x 5 feet long section of sch. 40 carbon steel API threaded carrier pipe coated as specified herein	1	Each	\$1,860.00	\$1,860.00	\$1,975.00	\$1,975.00
Line Item No. 6 (22)	Well 42 submersible motor - OPTIONAL ADDER	3600 rpm submersible motor matching the existing motor in well no. 42 in size and horsepower. New submersible motor shall meet or exceed the construction standards of the existing motor.	1	Each	\$4,725.00	\$4,725.00	\$6,900.00	\$6,900.00
Line item No. 6 (23)	6" dia. threaded carrier discharge pipe - OPTIONAL ADDER	6 inch diameter x 5 feet long section of sch. 40 carbon steel API threaded carrier pipe coated as specified herein.	1	Each	\$875.00	\$875.00	\$1,150.00	\$1,150.00
Line item No. 6 (24)	8" dia. threaded carrier discharge pipe - OPTIONAL ADDER	8 inch diameter x 5 feet long section of sch. 40 carbon steel API threaded carrier pipe coated as specified herein.	1	Each	\$1,006.00	\$1,006.00	\$1,250.00	\$1,250.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line item No. 6 (25)	10" dia. threaded carrier discharge pipe - OPTIONAL ADDER	10 inch diameter x 5 feet long section of sch. 40 carbon steel API threaded carrier pipe coated as specified herein.	1	Each	\$1,444.00	\$1,444.00	\$1,650.00	\$1,650.00
Line Item No. 6 (26)	6" dia 90 bolted flange elbow - OPTIONAL ADDER	6 inch diameter 90 degree sch. 40 carbon steel elbow with welded 150 lb. AWWA/ANSI bolted flanges coated as specified	1	Each	\$1,626.00	\$1,626.00	\$500.00	\$500.00
Line Item No. 6 (27)	8" dia 90 bolted flange elbow - OPTIONAL ADDER	8 inch diameter 90 degree sch. 40 carbon steel elbow with welded 150 lb. AWWA/ANSI bolted flanges coated as specified	1	Each	\$2,001.00	\$2,001.00	\$700.00	\$700.00
Line Item No. 6 (28)	10" dia 90 bolted flange elbow - OPTIONAL ADDER	10 inch diameter 90 degree sch. 40 carbon steel elbow with welded 150 lb. AWWA/ANSI bolted flanges coated as specified	1	Each	\$2,567.00	\$2,567.00	\$800.00	\$800.00
Line Item No. 6 (29)	6" dia pipe coupling - OPTIONAL ADDER	6 inch diameter mis-alignment pipe coupling such as Krausz USA Hymax® Grip	1	Each	\$1,215.00	\$1,215.00	\$725.00	\$725.00
Line Item No. 6 (30)	8" dia pipe coupling - OPTIONAL ADDER	8 inch diameter mis-alignment pipe coupling such as Krausz USA Hymax® Grip	1	Each	\$1,570.00	\$1,570.00	\$690.00	\$690.00
Line Item No. 6 (31)	10" dia pipe coupling - OPTIONAL ADDER	10 inch diameter mis-alignment pipe coupling such as Krausz USA Hymax® Grip	1	Each	\$1,992.00	\$1,992.00	\$990.00	\$990.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Line Item No. 6 (32)	8" dia. x 10" dia. eccentric reducer - OPTIONAL ADDER	8 inch to 10 inch diameter eccentric reducing pipe coupling suitable for joining 8 inch diameter sch. 40 carbon steel pipe to 10 inch diameter cast iron pipe	1	Each	\$2,921.00	\$2,921.00	\$895.00	\$895.00
Line Item No. 6 (33)	10" dia. x 12" dia. eccentric reducer - OPTIONAL ADDER	10 inch to 12 inch diameter eccentric reducing pipe coupling suitable for joining 10 inch diameter sch. 40 carbon steel pipe to 12 inch diameter cast iron pipe	1	Each	\$3,965.00	\$3,965.00	\$950.00	\$950.00
Line Item No. 6 (34)	12" dia. DI MJ coupling - OPTIONAL ADDER	12 inch diameter carbon steel sch. 40 pipe to 12 inch diameter ductile iron pipe mechanically restrained pipe coupling	1	Each	\$3,564.00	\$3,564.00	\$678.00	\$678.00
Line Item No. 6 (35)	6" dia. wall penetration seal - OPTIONAL ADDER	6 inch diameter pipe sized Link-Seal® wall penetration seal	1	Each	\$305.00	\$305.00	\$444.00	\$444.00
Line Item No. 6 (36)	8" dia. wall penetration seal - OPTIONAL ADDER	8 inch diameter pipe sized Link-Seal® wall penetration seal	1	Each	\$391.00	\$391.00	\$492.00	\$492.00
Line Item No. 6 (37)	10" dia. wall penetration seal - OPTIONAL ADDER	10 inch diameter pipe sized Link-Seal® wall penetration seal	1	Each	\$430.00	\$430.00	\$540.00	\$540.00
Line Item NO. 6 (38)	12" dia. wall penetration seal - OPTIONAL ADDER	12 inch diameter pipe sized Link-Seal® wall penetration seal	1	Each	\$512.00	\$512.00	\$612.00	\$612.00

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Item Code	Item Name	Item Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price
Credit Card Question	Credit Card Payment	The City would like to pay for products and services by credit card. Please indicate if there is a processing fee for this option in percentage points. Insert percentage processing fee or insert "0" if there is no processing fee. It is the City's option to pay with credit card or by purchase order.	1	percent	3%	3%	1%	1%
<b>TOTAL</b>						<b>\$1,085,086.03</b>		<b>\$890,255.01</b>

Layne recommended for award based on the low bid total of \$583,311.00 for specific line items for the rehabilitation, maintenance, and repair of five (5) of the water supply wells at the Courtney Bend Water Treatment Plant.