

SAN ANTONIO WATER SYSTEM
 P. O. BOX 2449
 SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

PROPOSAL FOR: 5 Year Contract for Tanks and Wells Cathodic Protection Systems
 Inspection, Testing & Maintenance
 TIME & DATE: (January 1, 2015 through December 31, 2019)
 3:00 p.m., November 11, 2014

Corpro Companies, Inc. 1055 West Smith Road Medina, OH 44256	Global Cathodic Protection, Inc. P.O. Box 5189 Houston, TX 77012	EFESI dba Chapman Engineering P.O. Box 1305 Boerne, TX 78006	Piping & Corrosion Specialties, Inc. 8371 Jumpers Hole Road Millersville, Maryland 21108
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ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY				
Group 1	Cathodic Protection System Inspections and Evaluations				
ITEM 1	Tank Inspections				
1.	Anderson 5025 W FM 1604 N 7.5 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00 905.00
2.	Artesia 703 AT&T Parkway 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
3.	Austin 6227 Franklin 1.5 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
4.	Basin 7110 Basin Dr. 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
5.	Bitters 13535 West Avenue 5.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00 905.00
6.	Callaghan 7018 Callaghan Rd. 1.5 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
7.	Dwyer 7201 Sun Valley 1.0 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
8.	Encino Park 19754 Hwy 281 North 0.5 Standpipe (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
9.	Evans 22401 Bulverde Rd. 5.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00 905.00
10.	Foster 7420 U.S. Hwy 90 East 2.0 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
11.	South Foster 2727 South Foster 2.0 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
12.	Highlands 1323 Vanderbilt 1.5 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
13.	Hildebrand 647 E. Hildebrand 2.0 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
14.	Grissom 7500 Grissom Rd. 2.0 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
15.	Inspiration 4127 Willowbrook 2.2 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
16.	Lions Field 527 Kasmuir Place 1.5 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
17.	Lockhill 11211 Brazil 1.5 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
18.	Loma Linda 5220 Loma Linda Dr. 1.0 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
19.	Marbach 7614 Marbach Rd. 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
20.	Market 106 W. Market St. 0.88 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
21.	Marshall 2560 Marshall Road 0.55 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00 905.00
22.	Medical 8311 Fredericksburg Rd. 1.0 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00

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ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT COST	375.00	230.00	454.00	1,245.00
23.	Menger 4822 Vance Jackson 1.5 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00	1,245.00
24.	Micron 100 Micron Dr. 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
25.	Mission 615 E. Theo 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
26.	Northridge 102 Albin 1.5 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00	1,245.00
27.	NACO 13655 O'Connor Rd. 7.5 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
28.	Randolph 1212 S. Weidner 5.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
29.	Pipestone 2310 Pipestone 3.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
30.	34th Street 3939 Flagle 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
31.	University 7050 W. Hausman Rd. 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
32.	Wurzbach 6111 Wurzbach Rd. 7.5 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
33.	Tank Turtle Creek 1 8523 Data Point 0.5 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
34.	Tank Turtle Creek 2 8523 Data Point 0.5 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
35.	Helotes 13955 Antonio Dr. 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
36.	Maltsberger 8910 Jones Maltsberger 7.5 Ground Reservoir (Universal)	UNIT COST	375.00	230.00	454.00	905.00
37.	Braun Tank 8800 Brigadoon 0.75 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
38.	Helotes Standpipe 10102 Rafter S. Trail 0.25 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
39.	Helotes Tank 14007 Flying W Trail 0.10 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00	1,245.00
40.	Judson Tank 5330 Stahl 0.25 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00	1,245.00
41.	Hills 16015 Oak Grove 3.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
42.	Shields 7645 Hauer mann Rd. 5.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
43.	Sunset 11045 W FM 1604 N 5.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
44.	Inwood 2063 W. Bitters Rd. 1.2 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00	905.00
45.	IH-10 17202 IH-10 West 3.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00

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ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY				
46.	Seale #1 254 Seale 3.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00 905.00
47.	Seale #2 254 Seale 3.0 Ground Reservoir (Universal)	UNIT COST	375.00	230.00	454.00 905.00
48.	Indian Springs 201120 Smithson Valley Rd. 3.0 Standpipe (Corr-Power) Sacrificial Anodes	UNIT COST	375.00	230.00	454.00 905.00
49.	Ranch Town #2 11598 Lago Vista 1.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
50.	Salado Tank 18390 Crosstimber 5.3 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
51.	SASSE 11749 Mozling Rise 2.0 Ground Reservoir (Goodall)	UNIT COST	375.00	230.00	454.00 905.00
52.	Redland 281 North 2.0 Elevate (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
53.	Fredericksburg 4901 Gus Eckert Rd. 1.0 Elevated (Universal)	UNIT COST	375.00	230.00	454.00 1,245.00
54.	Pearsall 4820 Pearsall Rd. 2.5 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
55.	Stotzer 5025 Loop W 1604 N 2.2 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
56.	Pinn Road 8290 Military Dr. W 2.8 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
57.	Houston East Houston 1.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00 905.00
58.	Devine 643 E. Hildebrand Ave. 1.2 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
59.	Coliseum 703 Coliseum Road 0.5 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
60.	Tinker 246 Tinker Dr. 1.2 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
61.	Hall 2002 Hall Blvd. 0.5 Elevated (Goodall)	UNIT COST	375.00	230.00	454.00 1,245.00
	TOTAL GROUP I CATHODIC PROTECTION INSPECTION AND MAINTENANCE SERVICES	TOTAL	22,875.00	14,030.00	27,694.00 62,685.00
GROUP II	Cathodic Protection System Inspections and Evaluations				
ITEM II	Tank Inspections				
1.	Amhurst 10911 Amhurst 0.8 Elevated (CPS Micro-Polatrol)	UNIT COST	375.00	230.00	454.00 1,245.00
2.	Cagnon 5940 Cagnon Rd. 1.0 Elevated (CPS Micro-Polatrol)	UNIT COST	375.00	230.00	454.00 1,245.00
3.	Cagnon 5940 Cagnon Rd. 1.0 Ground Reservoir (CPS Micro-Polatrol)	UNIT COST	375.00	230.00	454.00 905.00
4.	General McMullen 1746 S. General McMullen 2.0 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00
5.	Hickory Hollow 23110 Little Walnut Dr. 0.5 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00 1,245.00

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ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY					
6.	Kings 140 Kings St. 0.5 Ground Reservoir (CPS Micro-Polatrol)	UNIT COST	375.00	230.00	454.00	905.00
7.	Knights Cross 451 Knights Cross Dr. 2.0 Standpipe (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
8.	La Rosa 3019 La Rosa 2.0 Ground Reservoir (Corr-Power)	UNIT COST	375.00	230.00	454.00	905.00
9.	Lemonwood 202 Lemonwood 1.0 Ground Reservoir (CPS Micro-Polatrol)	UNIT COST	375.00	230.00	454.00	905.00
10.	Palo Alto 4370 Palo Alto Dr. 2.0 Elevated (CPS)	UNIT COST	375.00	230.00	454.00	1,245.00
11.	SW 21st St. 2518 SW 21st St. 2.0 Ground Reservoir (CPS Micro-Polatrol)	UNIT COST	375.00	230.00	454.00	905.00
12.	Southcross 6019 S. Zarzamora 2.0 Ground Reservoir (CPS)	UNIT COST	375.00	230.00	454.00	905.00
13.	Vestal 115 Vestal 2.0 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00	1,245.00
14.	Waterwood 22614 Shady Forest 2.0 Elevated (Corr-Power)	UNIT COST	375.00	230.00	454.00	1,245.00
	TOTAL GROUP II CATHODIC PROTECTION INSPECTION AND MAINTENANCE SERVICES	TOTAL	5,250.00	3,220.00	6,356.00	15,050.00
GROUP III	Cathodic Protection System Inspections and Evaluations					
ITEM III	Test Well Inspection					
1.	2 ea. Test wells at 350 AT&T Parkway (Corr-Power)	UNIT COST TOTAL	375.00 750.00	115.00 230.00	454.00 908.00	477.00 954.00
2.	2 ea. Test wells at 703 AT&T Parkway (Universal)	UNIT COST	375.00 750.00	115.00 230.00	454.00 908.00	477.00 954.00
3.	3 ea. Test wells at 188 Defoste (Universal)	UNIT COST	375.00 1,125.00	115.00 345.00	454.00 1,362.00	477.00 1,431.00
	TOTAL ITEM III TANKS AND TEST WELLS INSPECTION SERVICES	TOTAL	2,625.00	805.00	3,178.00	3,339.00
GROUP IV						
ITEM IV	ADDITIONAL CATHODIC PROTECTION INSPECTION AND MAINTENANCE SERVICES					
1.	100 hours Field inspection and maintenance services	UNIT COST TOTAL	75.00 7,500.00	75.00 7,500.00	115.00 11,500.00	92.00 9,200.00
2.	20 hours Field inspection and maintenance services over time hours	UNIT COST TOTAL	125.00 2,500.00	112.50 2,250.00	172.50 3,450.00	126.00 2,520.00
3.	50 ea. Copper-Copper sulfate reference calls	UNIT COST TOTAL	225.00 11,250.00	250.00 12,500.00	215.00 10,750.00	113.00 5,650.00
4.	50 ea. Zinc reference cells	UNIT COST TOTAL	190.00 9,500.00	200.00 10,000.00	215.00 10,750.00	113.00 5,650.00
5.	25 ea. Cast iron amodes ¹	UNIT COST TOTAL	50.00 1,250.00	200.00 5,000.00	110.00 2,750.00	102.00 2,550.00
6.	10 ea. Platinum anodes ²	UNIT COST TOTAL	50.00 500.00	200.00 2,000.00	120.00 1,200.00	311.00 3,110.00

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 Medina, OH 44256

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 P.O. Box 5189
 Houston, TX 77012

EFSI dba Chapman Engineering
 P.O. Box 1305
 Boerne, TX 78006

Piping & Corrosion Specialties, Inc.
 8371 Jumpers Hole Road
 Millersville, Maryland 21108

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
7.	25 ea. Mix metal-oxide anode strings ³	75.00	1,875.00	200.00	5,000.00	118.00	2,950.00
8.	25 ea. Porcelain insulators	6.00	150.00	40.00	1,000.00	9.00	225.00
9.	250 ea. Handhole covers	15.00	3,750.00	70.00	17,500.00	18.00	4,500.00
10.	5 ea. TASC V circuit card (exchange)	250.00	1,250.00	350.00	1,750.00	345.00	1,725.00
11.	5 ea. TASC V circuit card (replacement)	450.00	2,250.00	350.00	1,750.00	500.00	2,500.00
12.	5 ea. Micropolatrol main circuit logic board (replacement)	800.00	4,000.00	350.00	1,750.00	950.00	4,750.00
13.	6 per trip Service request mobilization ⁴ (for entire contract period)	600.00	3,600.00	2,000.00	12,000.00	925.00	5,550.00
	TOTAL GROUP IV ADDITIONAL CATHODIC PROTECTION INSPECTION AND MAINTENANCE SERVICE		49,375.00		80,000.00		62,600.00
	TOTAL ITEMS 1, II, III & IV - TANKS AND TEST WELLS INSPECTION SERVICES		80,125.00		98,055.00		99,828.00
	PARTS AND MATERIALS						
	Estimated that SAWS will use \$10,000 of parts and materials per contract period		10,000.00		10,000.00		10,000.00
	Ractifier parts (cost of material plus % bid markup)		25%		20%		Materials +15%
	TOTAL PARTS AND MATERIALS		12,500.00		12,000.00		11,500.00
	GRAND TOTAL 1 YEAR		92,625.00		110,055.00		111,328.00
	GRAND TOTAL 5 YEARS		463,125.00		550,275.00		556,640.00
	EXTENSION 1		92,625.00				
	EXTENSION 2		92,625.00				
	EXTENSION 3		92,625.00				
	EXTENSION 4		92,625.00				
	EXTENSION 5		92,625.00				
	Terms		Net 30 days		Net 30 days		1% 10 days
	Delivery Days						2% 10 days

***LOW BIDDER**

BID INVITATIONS WERE E-MAILED TO AND/OR PICKED UP BY: _____

Corpro Co.
 Global Cathodic Protection, Inc.
 EFSI dba Chapman Engineering
 Piping & Corrosion Specialties, Inc.

Demandstar
 SAWS Website