

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

PROPOSAL Annual Contract for  
 FOR: Sewer Cleaning Nozzles Plus Accessories and Wear Items  
 TIME & (March 1, 2013 through December 31, 2013)  
 DATE: 3:00 p.m., February 1, 2013

ITEM NO. DESCRIPTION AND APPROXIMATE QUANTITY

GROUP I	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT	PRICE	TOTAL	Make/Model
1.	<b>Sewer Cleaning Nozzles</b> 15 ea. Standard Nozzle, 1" connection, for 6" to 14" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	403.26 6,048.90 Enz 30.100	412.20 6,183.00 Enz 30.100	494.64 7,419.60 Enz 30.100
2.	15 ea. Grenade-Bomb Nozzle, 1" connection for 6" to 12" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	843.51 12,652.65 Enz 40.100A	862.20 12,933.00 Enz 40.100A	1,034.64 15,519.60 Enz 40.100A
3.	10 ea. Chisel-Point Nozzle, 1" connection, for 6" to 16" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	1,109.41 11,094.10 Enz 60.100L	1,134.00 11,340.00 Enz 60.100L	1,360.80 13,608.00 Enz 60.100L
4.	10 ea. KBR Rotating Combination Nozzle, 1" connection for 4" to 12" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	876.09 8,760.90 Enz 04.060	895.50 8,955.00 Enz 04.060	1,074.60 10,746.00 Enz 04.060
5.	15 ea. Standard Penetrator Nozzle, 1" connection, for 4" to 12" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	413.60 6,204.00 Enz 35.100	481.50 7,222.50 Enz 35.100	577.80 8,667.00 Enz
6.	2 ea. Enz Model #01.100A or approved equal - RGS Radially Rotating Nozzle, 1" connection, for 8" to 24" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	2,099.96 4,199.92 Enz 01.100A	2,146.50 4,293.00 Enz 01.100A	2,575.80 5,151.60 Enz 01.100A
7.	2 ea. Bulldozer, 1" connection, for 12" to 60" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	4,028.23 8,056.46 Enz 50.100	4,117.50 8,235.00 Enz 50.100	4,941.00 9,882.00 Enz 50.100G
8.	2 ea. Chain Scraper, 1" connection, for 6-10" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	4,360.18 8,720.36 Enz 10.150R	4,456.80 8,913.60 Enz 10.150R	6,437.60 12,875.20 Enz 10.150R
9.	5 ea. Chain Scraper, 1" connection, for 8-16" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	6,991.07 34,955.35 Enz 10.200R	7,146.00 35,730.00 Enz 10.200R	8,734.00 43,670.00 Enz 10.200R
10.	2 ea. Chain Scraper, 1" connection, for 16-32" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	9,636.94 19,273.88 Enz 10.400R	9,850.50 19,701.00 Enz 10.400R	12,039.50 24,079.00 Enz 100.400R
11.	10 ea. Flounder, 1" connection, for 12-24" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	1,580.48 15,804.80 Enz 70.100	1,615.50 16,155.00 Enz 70.100	1,938.60 19,386.00 Enz 70.100

Kinloch Equipment & Supply,  
 Inc.  
 3320 Pasadena Blvd.  
 Pasadena, TX 77503

CLS Sewer Equipment Co., Inc.  
 726 S. Sherman St.  
 Richardson, TX 75081

Enz USA, Inc.  
 1585 Beverly Ct - Unit 115  
 Aurora, IL 60502

Texas Municipal Equipment,  
 LLC  
 P.O. Box 121261  
 Arlington, TX 76012

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12.	1 ea. Ejector, 1" connection, for 10-20" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	4,701.80 4,701.80 Enz 80.100	4,806.00 4,806.00 Enz 80.100	5,767.20 5,767.20 Enz 80.100
13.	1 ea. Ejector, 1" connection, for 16-60" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	5,648.33 5,648.33 Enz 80.100A	5,773.50 5,773.50 Enz 80.100A	6,978.20 6,978.20 Enz 80.100A
14.	15 ea. Bulldog, 1" connection for 5-16" diameter pipes, 80 gpm at 2000 psi Make and Model quoting	UNIT PRICE TOTAL Make/Model	2,817.56 42,263.40 Enz 400.080	2,880.00 43,200.00 Enz 400.080	3,680.00 55,200.00 Enz 400.080
	<b>TOTAL GROUP 1</b>	UNIT PRICE Make/Model	* <b>188,384.85</b>	193,440.60	238,949.40
	Manufacturer		Enz USA	Enz	Enz USA
	Price Sheet			Feb. 2012	Enz USA
	Date		Jan. 1, 2013	Jan. 30, 2013	Feb. 1, 2013
	Discount		5%	10%	10%
	<b>GROUP 2 - ACCESSORIES AND WEAR ITEMS</b>				
1.	14 ea. Toolbox made of shock resistant plastic that can withstand high and low temperature Make and Model quoting	UNIT PRICE TOTAL Make/Model	237.73 3,328.22 Enz 09.004	243.00 3,402.00 Enz 09.004	291.60 4,082.40 Enz 09.004
2.	5 yard Pin bolt chain - Sold by the yard for use with Enz Wire Rope and Chain Scraper Model 10.150R Make and Model quoting	UNIT PRICE TOTAL Make/Model	70.44 352.20 Enz 0010.150G	76.50 382.50 Enz 0010.150G	86.40 432.00 Enz 0010.150G
3	2 yard Pin bolt chain - Sold by the yard for use with Enz Wire Rope and Chain Scraper Model 10.200R and 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	86.29 172.58 Enz 10.200R-12G	88.20 176.40 Enz 10.200R-12G	105.84 211.68 Enz 12G
4.	5 set 1 set pin bolt chain - Sold by the set 6" for use with Enz wire rope and chain Scraper Model 10.150R Make and Model quoting	UNIT PRICE TOTAL Make/Model	83.65 418.25 Enz 00.150150G	85.50 427.50 Enz 00.150150G	102.60 513.00 Enz 0010.150150G

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5.	5 sets 1 set pin bolt chain - Sold by the set 8" for use with Enz wire rope and chain Scraper Model 10.150R Make and Model quoting	UNIT PRICE TOTAL Make/Model	83.65 418.25 Enz 0010.150200G	85.50 427.50 Enz 0010.150200G	102.60 513.00 Enz 0010.150200G
6.	5 sets 1 set pin bolt chain - Sold by the set 10" for use with Enz wire rope and chain Scraper Model 10.150R Make and Model quoting	UNIT PRICE TOTAL Make/Model	96.85 484.25 Enz 0010.150250G	85.50 427.50 Enz 0010.150250G	118.80 594.00 Enz 0010.150250G
7.	3 sets 1 set pin bolt chain - Sold by the set 8" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	242.13 726.39 Enz 12.200G	247.50 742.50 Enz 12.200G	297.00 891.00 Enz 12.200G
8.	2 sets 1 set pin bolt chain - Sold by the set 10" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	259.74 519.48 Enz 12.250G	265.50 531.00 Enz 12.250G	318.60 637.20 Enz 12.250G
9.	5 sets 1 set pin bolt chain - Sold by the set 12" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	259.74 1,298.70 Enz 12.300G	265.50 1,327.50 Enz 12.300G	318.60 1,593.00 Enz 12.300G
10.	3 sets 1 set pin bolt chain - Sold by the set 14" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	281.76 845.28 Enz 12.350G	288.00 864.00 Enz 12.350G	345.60 1,036.80 Enz 12.350G
11.	5 sets 1 set pin bolt chain - Sold by the set 16" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	281.76 1,408.80 Enz 12.401G	288.00 1,440.00 Enz 12.401G	345.60 1,728.00 Enz 12.401G
12.	1 set 1 set pin bolt chain - Sold by the set 16" for use with the Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	259.74 259.74 Enz 12.402G	265.50 265.50 Enz 12.402G	318.60 318.60 Enz 12.402G
13.	1 set 1 set pin bolt chain - Sold by the set 18" for use with Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	281.76 281.76 Enz 12.450G	288.00 288.00 Enz 12.450G	345.60 345.60 Enz 12.450G
14.	1 set 1 set pin bolt chain - Sold by the set 20" for use with Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	281.76 281.76 Enz 12.500G	288.00 288.00 Enz 12.500G	345.60 345.60 Enz 12.500G
15.	1 set 1 set pin bolt chain - Sold by the set 24" for use with Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	312.57 312.57 Enz 12.600G	319.50 319.50 Enz 12.600G	383.40 383.40 Enz 12.600G

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16.	1 set 1 set pin bolt chain - Sold by the set 28" for use with Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 334.59 334.59 Enz 12.700G	 342.00 342.00 Enz 12.700G	 410.40 410.40 Enz 12.700G
17.	1 set 1 set pin bolt chain - Sold by the set 32" for use with Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 356.60 356.60 Enz 12.800G	 364.50 364.50 Enz 12.800G	 437.40 437.40 Enz 12.800G
18.	1 set 1 set chain with bracket - Sold by the set for use with Enz wire rope and chain Scraper Model 10.150R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 94.21 94.21 Enz 0010.1508R	 117.00 117.00 Enz 0010.1508R	 115.56 115.56 Enz 0010.1508R
19.	1 set 1 set chain with bracket - Sold by the set for use with Enz wire rope and chain Scraper Model 10.200R or 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 113.58 113.58 Enz 0010.2008R	 117.00 117.00 Enz 0010.2008R	 139.32 139.32 Enz 0010.2008R
20.	2 ea. Diamond Crown 6" for use with Enz wire rope and chain Scraper Model 10.150R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 937.72 1,875.44 Enz 0010.150D	 958.50 1,917.00 Enz 0010.150D	 1,150.20 2,300.40 Enz 0010.150D
21.	5 ea. Diamond Crown, 8" for use with Enz wire rope and chain Scraper Model 10.150R or 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 1,747.77 8,738.85 Enz 0010.200D	 1,786.50 8,932.50 Enz 0010.200D	 2,143.80 10,719.00 Enz 0010.200D
22.	5 ea. Diamond Crown 10" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 2,069.15 10,345.75 Enz 0010.250D	 2,115.00 10,575.00 Enz 0010.250D	 2,538.00 12,690.00 Enz 0010.250D
23.	5 ea. Diamond Crown 12" for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 2,993.66 14,968.30 Enz 0010.300D	 3,060.00 15,300.00 Enz 0010.300D	 3,672.00 18,360.00 Enz 0010.300D
24.	1 ea. Center Head, 8" - 16 for use with Enz wire rope and chain Scraper Model 10.200R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 1,540.85 1,540.85 Enz 0010.2004R	 1,575.00 1,575.00 Enz 0010.2004R	 1,890.00 1,890.00 Enz 0010.2004R
25.	1 ea. Center Head 16"- 32" for use with Enz wire rope and chain Scraper Model 10.400R Make and Model quoting	UNIT PRICE TOTAL Make/Model	 1,871.04 1,871.04 Enz 0010.4004R	 1,912.50 1,912.50 Enz 0010.4004R	 2,295.00 2,295.00 Enz 0010.4004R
26.	10 ea. JetMax ceramic round jet size 0mm and 0.5mm-3.0mm in increments of 0.1mm Make and Model quoting	UNIT PRICE TOTAL Make/Model	 22.89 228.90 Enz 22.06	 23.40 234.00 Enz 22.06	 28.00 280.00 Enz 22.06

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27.	10 ea. JetMax ceramic round jet size 0mm and 1.0mm-3.0mm in increments of 0.1mm, and 3.22mm, 3.4mm Make and Model quoting	UNIT PRICE TOTAL Make/Model	24.65 246.50 Enz 22.08	25.00 250.00 Enz 22.08	30.25 302.50 Enz 22.08	BID NOT TABULATED NOT APPROVED
28.	5 ea. JetMax ceramic round jet size 0mm and 1.0mm-3.0mm in increments of 0.1mm and 3.2mm, 3.4mm, 3.6mm, 3.8mm, 4.0mm Make and Model quoting	UNIT PRICE TOTAL Make/Model	28.18 140.90 Enz 22.10	28.80 144.00 Enz 22.10	35.00 175.00 Enz 22.10	
29.	3 ea. JetMax ceramic round jet, size 0mm and 1.0mm-3.0mm in increments of 0.1mm and 3.2mm, 3.4mm, 3.6mm, 3.8mm, 4.0mm Make and Model quoting	UNIT PRICE TOTAL Make/Model	19.41 58.23 Enz 22.025	28.80 86.40 Enz 22.025	26.00 78.00 Enz 22.04	
30.	3 ea. FanJet ceramic flat jet, size 0mm and 1.0mm (=1.1 mm round jet) and 1.5 mm (=1.6 round jet) Make and Model quoting	UNIT PRICE TOTAL Make/Model	29.94 89.82 Enz 22.08F	30.60 91.80 Enz 22.08F	37.00 111.00 Enz 22.08F	
31.	3 ea. FanJet ceramic flat jet, size 0mm and 1.0mm (=1.1 mm round jet)1.5mm (=1.6 round jet)1.9mm(=2.1 round jet) 2.2mm (=2.4mm round jet)2.5mm (=2.7mm round jet) and 2.8mm (=3.0mm round jet) Make and Model quoting	UNIT PRICE TOTAL Make/Model	32.58 97.74 Enz 22.10F	33.30 99.90 Enz 22.10F	40.00 120.00 Enz 22.10F	
32.	2 ea. Socket wrench, 3.5mm for replacing M4 jet inserts Make and Model quoting	UNIT PRICE TOTAL Make/Model	15.85 31.70 Enz 09.0935U	16.20 32.40 Enz 09.0935U	20.00 40.00 Enz 09.0935U	
33.	2 ea. Socket wrench, 5.0mm for replacing M6 jet inserts Make and Model quoting	UNIT PRICE TOTAL Make/Model	15.85 31.70 Enz 09.095U	16.20 32.40 Enz 09.095U	20.00 40.00 Enz 09.095U	
34.	2 ea. Socket wrench, 7.0mm for replacing M8 jet inserts Make and Model quoting	UNIT PRICE TOTAL Make/Model	16.73 33.46 Enz 09.097U	17.10 34.20 Enz 09.097U	21.00 42.00 Enz 09.097U	
35.	20 ea. Tip cleaning kit, for cleaning debris and jets Make and Model quoting	UNIT PRICE TOTAL Make/Model	66.04 1,320.80 Enz 09.500TC	67.50 1,350.00 Enz 09.500TC	85.00 1,700.00 Enz 09.500TC	
	<b>TOTAL GROUP 2</b>	TOTAL	* <b>53,627.19</b>	54,817.00	65,870.86	
	Manufacturer		Enz	Enz	Enz USA	

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	Price Sheet			Feb. 2012	Enz	BID NOT TABULATED NOT APPROVED	
	Date		Jan. 1, 2013	Jan. 30, 2013	Feb. 1, 2013		
	Discount		5%	10%	10%		
	<b>EXTENSION 1</b>		<b>242,012.04</b>				
	<b>EXTENSION 2</b>		<b>242,012.04</b>				
	Terms		Net 30 days	Net 30 days	Net 30 days		
	Delivery Days						

**\*LOW BIDDER**

BID INVITATIONS MAILED TO AND/OR PICKED UP BY:

Balar Equipment, Corp.  
 CLS Sewer Equip. Co., Inc.  
 Enz USA, Inc.  
 Kinloch Equipment & Supply  
 Texas Municipal Equip.  
 Texas Underground

Demandstar Website  
 SAWS Website