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Elfrida Water Improvement District

**ELFRIDA
WATER page 1**

January 22, 2013

Lisa Marra, Grants Administrator

Dear Ms. Marra:

Attached please find supporting documents regarding our application for the CDBG funds.

Elfrida Domestic Water Users was established in 1952 and has operated continuously since that time. In 2010 the department became a water district, serving approximately 750 residents. Many of the residents are elderly, living principally on Social Security, and many others are living below the poverty line. Elfrida has been established as a Colonia.

The department obtained a WIFA loan to drill a new well in 2002 and payments are being made on that. However, the original storage tank, which is rusting out, the lines and most of the meters have been in use since 1952/1960. These meters do not accurately measure the water usage and the district loses approximately 25% of the water pumped each month. This district cannot afford to upgrade this equipment without assistance.

Your consideration in funding these projects will be greatly appreciated.

Sincerely,

Michael J Coyle, Jr
Manager.

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ELFRIDA WATER IMPROVEMENT DISTRICT

WATER USAGE 12/20/11 – 12/20/2012

28,350,700 GALLONS

**ELFRIDA
WATER page 2**

WELL NO. 1 – PUMPED 1,549,500 GALLONS (THIS IS THE BACKUP WELL THAT WE WISH TO UPGRADE)

WELL NO 3 – PUMPED 26,801,200 GALLONS

2010 Well Readings		55-608155		55-573834		Park		Park usage		Gallons billed		Gallons lost	
Month	Year	Well 1	Well 1 usage #REF!	Well 3	Well 3 usage #REF!	Park	Park usage	Gallons billed	Gallons lost				
September 21 2010	2010	688800	156900	98190500	2845200	9517000	34400	2723244	-278856				
October 21 2010	2010	845700	152500	1035800	2177400	9788900	271900	2192730	-137170				
November 20 2010	2010	998200	195100	3213200	1695500	10022200	233300	1752691	-137909				
December 20 2010	2010	1193300	230400	4908700	1581800	10281100	258900	1317453	-494747				
January 21 2011	2011	1423700	23200	6490500	1839400	10530400	249300	1282634	-579966				
February 21 2011	2011	1446900	745800	8329900	1422300	10758100	227700	1495110	-672990				
March 21 2011	2011	2192700	598800	9752200	2817600	9788900	271900	1819656	-1596744				
April 21 2011	2011	2791500	30800	12569800	3142600	10022200	233300	3314694	14294				
May 21 2011	2011	2822300	80000	15712400	4106400	10281100	258900	3362199	-724201				
June 21 2011	2011	2902300	85400	19818800	3535000	10530400	249300	3469792	-150608				
July 20 2011	2011	2987700	20600	23353800	2445800	10758100	227700	3469792	-220091				
August 20 2011	2011	3008300	1004700	25799600	1263200	10790000	31900	2246309	-227391				
September 20 2011	2011	4013000	15900	27062800	1696200	11153000	363000	2040509	-29677				
October 20 2011	2011	4028900	8900	29383300	1452500	11258600	105600	2306723	-183077				
November 20 2011	2011	4037800	15200	31079500	1304300	11261200	2600	1416423	-122055				
December 20 2011	2011	4053000	78600	32532000	1514700	11282600	21400	1345645	-254474				
January 20 2012	2012	4131600	9700	33836300	1620500	11483600	201000	1323472	-179528				
February 20 2012	2012	4141300	37100	35351000	2582700	11716400	232800	1231603	-225000				
March 20 2012	2012	4178400	29500	36971500	2963400	11790400	74000	2180981	-198419				
April 20 2012	2012	4207900	57300	39554200	3656700	12116800	326400	2698547	-248153				
May 20 2012	2012	4265200	209100	42517600	3147000	12444800	328000	3100194	-351606				
June 20 2012	2012	4474300	249800	46174300	2248500	12603100	158300	2438088	-494612				
July 20 2012	2012	4654000	155200	49321300	2509600	12854400	251300	1847978	-492022				
August 20 2012	2012	4903800		51569800				2031447	-382053				
September 20 2012	2012	5059000		54079400									

1/2" Well Readings		55-608155		55-573834		Park		Park usage		Gallons billed		Gallons lost	
Month	Year	Well 1	Well 1 usage	Well 3	Well 3 usage	Park	Park usage	Gallons billed	Gallons lost				
October 20 2012	2012	5147200	88200	56241300	2161900	12920400	66000	1804799	379301				
November 20 2012	2012	5303300	156100	57918500	1677200	12971800	51400	1368822	413078				
December 20 2012	2012	5602500	299200	59333200	1414700	12998700	26900	1188999	498001				

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STARLING DRILLERS

January 22, 2013

Elfrida Water Improvement District

Pull 15 HP Submersible Pump	
Camera the Well	
1 Water Level Indicators	\$ 3,000.
Deepen 12 inch well to 400 ft., Steel liner in new well	\$20,000.00
Reset submersible pump.	

*this must be done
b/f deepening*

Talbert Starling

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SMYTH INDUSTRIES INC.
4010 E. Illinois Street
Tucson, Arizona 85714
(520) 750-8719 Phone | (520) 750-9544 Fax

January 15, 2013

SENT VIA E-MAIL: elfridawater@yahoo.com
Michael Coyle, Water Manager
Elfrida Water Improvement District
PO Box 356
Elfrida, AZ 85610

Re: Budgetary Quote

Smyth Industries Inc. is pleased to offer, for your consideration, budgetary numbers for the fabrication of Welded Steel Open Tank Reservoirs in the following sizes: 30K gallon, 50K gallon and 100K gallon.

Inclusions:

- 1/4" Shell and Floor
- Manways
- Ladders
- Overflow
- Inlet / Outlet
- Gauge Board
- Interior and Exterior Coatings
- Gravel Ring

Exclusions:

- Taxes, Bonds and Permits

30K GALLON TOTAL	\$ 56,000.00 EA
50K GALLON TOTAL	\$ 71,820.00 EA
100K GALLON TOTAL	\$126,450.00 EA

Due to the volatility of the steel and fuel markets, this quote is valid for 30 days from the above date. We will need to order and bill for material upon receipt of a purchase order.

If you have any questions please do not hesitate to contact our office.

Respectfully submitted,

Gary Smyth
President

Accepted By: _____

Date: _____

License #ROC154663 A-General Engineering
License #ROC171540 L-11 Electrical
UL 508 A – Industrial Control Panels
ASME Boiler and Pressure Vessel 'U' Certified
The National Board of Boiler and Pressure Vessel Inspectors 'R' Certified

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MESSENGER

APPLICATIONS

Genset Budgetary Numbers

From: Ed Cahill to you

Wed, 4/23/2013

Hi Mike,

Here are the numbers you requested for the 2 gensets. These are just budgetary and can be firmed up once the bill of materials is firmed up.

Bill of Materials -

120/240V 3 phase

Level 3 sound enclosure

24hr sub-base tank

Digital controller

Jacket water heater

Battery, 10A charger, cables and rack

Output breaker sized to genset

ATS sized to Genset

Equipment and start up only - no installation, fuel permitting, engineering, etc

50KW - \$30,000

80KW - \$38,000

I am still waiting on my contractor to get me some budgetary numbers on a soft start system but will forward them once they come through. Let me know if you have any questions.

Regards,

Ed Cahill

Power Systems Sales Rep

W.W. Williams

Consider It Done

602.267.0661

602.768.2912 Direct/Cell

602.257.8641 Fax

800.944.7376 Toll Free

[Http://www.williams.com](http://www.williams.com)

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February 12, 2013

Bowie Water Department
113 S. Eisenhower Avenue
Bowie, AZ 85605
520-847-2422

Subject: Community Development Block Grant
request for project funding.

Presented to: Cochise County Board Of Supervisors
Work Session

Project: Critical needs for Bowie Water Department.

Dear Cochise County Board Of Supervisors,

On behalf and with the permission of the Bowie Water Company Board I have been given the liberty to present to you the water departments need of equipment and upgrades to the utility. As well as provide information as needed to present to the Cochise County Board at the February 12th workshop. I believe you will agree Bowie is in desperate need of this funding.

Demographics:

Bowie water is a non-profit, unincorporated utility located in the Northeastern corridor of Cochise County. As of this writing there are currently 265 water customers who depend on the safe and regular delivery of Bowie water. There are approximately 333 potential customers in total. Bowie water customers do not have a sewer system.

As the utility ages into almost 75 years of providing water, old galvanized pipes continue to be a constant repair nightmare for the one man repair team Bowie has on -call. Manual digging is the only form of equipment the utility has in getting to these blow outs and they are more and more frequent as the utility ages. Regular daily maintenance is required to manually operate the pump that fills the supply tank.

Project Needs:

Bowie water is asking for this grant to help the utility with the funds for some much needed replacement parts and repairs to its main water tank as well as some upgrades. Modern excavating equipment and a utility truck. Air compressor, inverter style generator, wastewater pump and a self-priming pump, new schedule 40 pipe and connection saddles. Bowie water has many non-working meters that need replaced and all of its customer meters need to be upgraded. Also needed are 5 new hydrants.

Bowie water realizes this is a huge request, but are hopeful that this grant request be considered as a high priority.

Accompanying this request is a breakdown of the approximate costs involved.

Respectfully,

Modestina Frascella

Bowie Water Company Projected Costs

Electrical repairs, upgrades and replacement of non-working relays and compressor	\$13,000.00
Replacement of Bearing in Motor of Well Pump	\$ 2,000.00
New schedule 40 PVC for replacement of old Galvanized & saddles for connecting main lines	\$17,000.00
Excavating equipment and utility truck	\$15,000.00
Waste water pump, self priming pump and generator	\$ 3,000.00
Replacement meters for 265 customers (\$22,000.00)	\$10,000.00
5 Hydrants (\$15,000.00)	\$10,000.00
	<hr/>
Total	\$70,000.00

**BOWIE
FIRE page 1**

Bowie Fire District

PO Box 241, 118 W Kinchilla, Bowie, AZ 85605

Phone/Fax 520-847-2553,

Email: bowiefiredist@vtc.net

February 4, 2013

To the Cochise Board Supervisors

Bowie Fire District is asking for a block grant this year. To put in a LZ zone and a building to house two trucks and equipment. Also in need of a monitor that has blood pressure, pulse/ox, CO2, temp., and AED.

As a small department we cover a larger area. We cover 48 sq. miles in our District and cover both EMS and fire. We provide coverage on I -10 from mile post 352 to the New Mexico state line also backing up San Simon Fire when needed. We also provide coverage North on 191 to the Graham county line and 5 miles over. We also provide coverage to the north of Bowie Fire District Boundary all the way to the Graham county line to the Hot Wells Recreation area. South of town to Fort Bowie and the Chiricahuas National forest. We also back up Wilcox Fire per Intergovernmental Agreement and we also back-up Wilcox Rural.

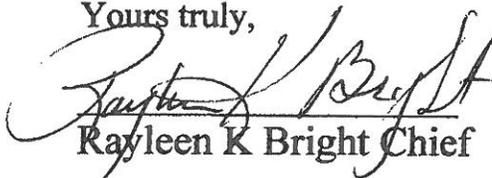
.Price for monitor \$6,000.00

Building for LZ and housing of fire apparatus 60,000.00

Price includes building, concrete and electrical.

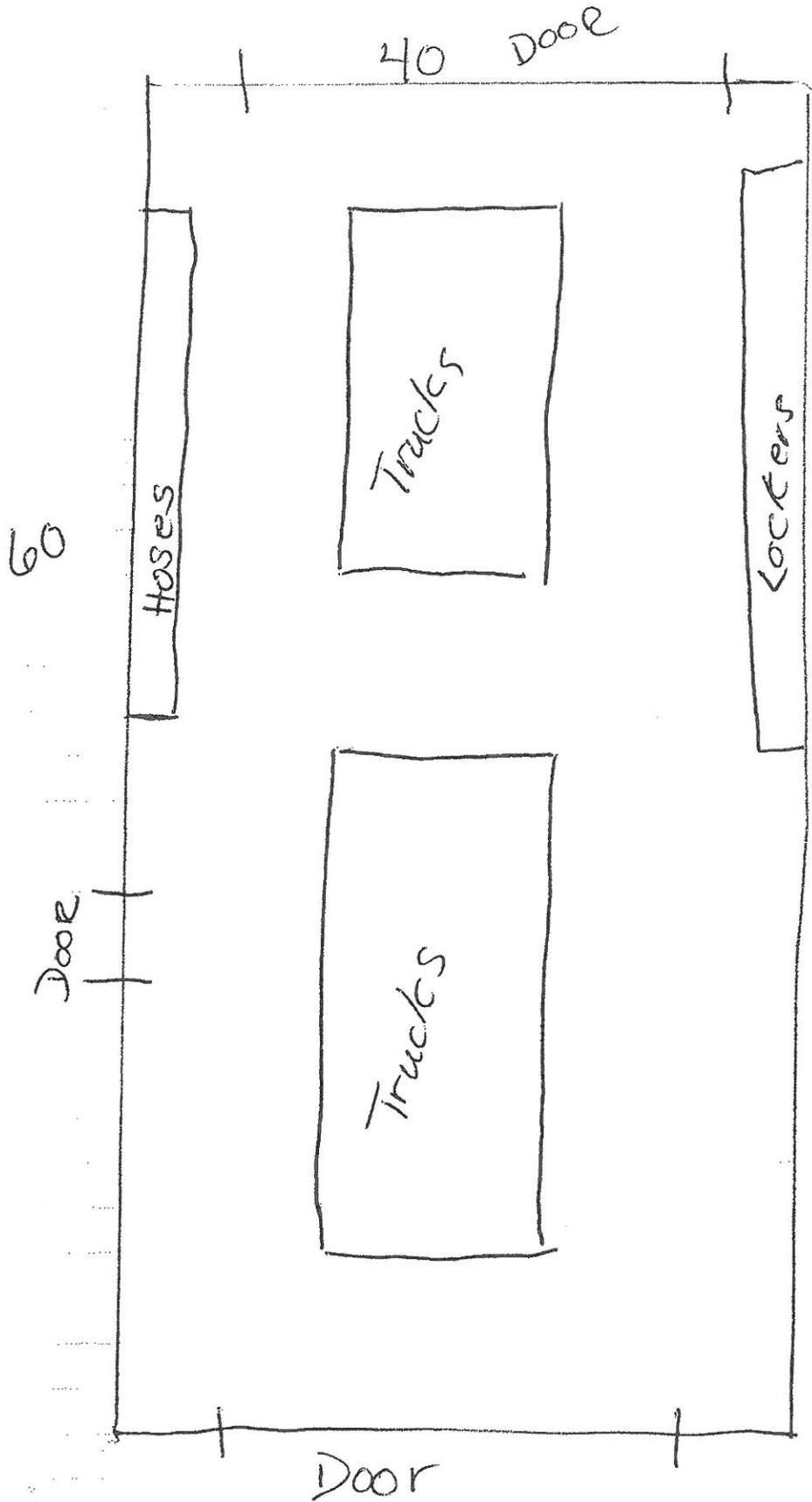
TOTAL AMOUNT: \$66,000.00

Yours truly,



Rayleen K Bright Chief

**BOWIE
FIRE page 2**



50,000

- That includes floor
- 2 roll up door
- 1 side door
- shelving

Auto Doors
also used for training