



BEFORE THE CITY COMMISSION  
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 105-2016

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA ADOPT THE REDUCED NEW PRICE OF \$2,714.31 PER GRINDER UNIT FOR ITB #2012-268, RESIDENTIAL GRINDER PUMP STATIONS TO WATER RESOURCE TECHNOLOGIES FLORIDA, LLC, OF JACKSONVILLE, FLORIDA, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

\* \* \* \* \*

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby adopts the reduction of \$12.00 per grinder at the new unit price of \$2,714.31 per grinder unit for Invitation to Bid No. 2012-268, Residential Grinder Pump Systems with Water Resources Technologies Florida, LLC, Jacksonville, Florida;

SECTION 2: This resolution shall take effect upon adoption.

Resolution No. 105-2016  
Approve Reduction of ITB #2012-268, Residential Grinder Pump Stations

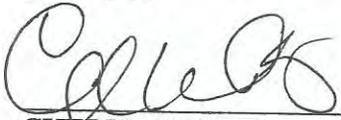
Commissioner MCDONALD offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner CAMPENNI and upon being put to a roll call vote, the vote was as follows:

JEFFREY KRAUSKOPF, MAYOR  
EULA CLARKE, VICE MAYOR  
TOM CAMPENNI, COMMISSIONER  
KELLI GLASS LEIGHTON, COMMISSIONER  
TROY MCDONALD, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

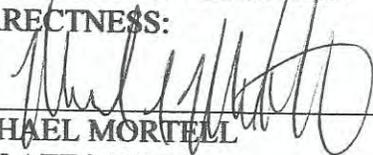
ADOPTED this 24<sup>th</sup> day of October, 2016.

ATTEST:

  
CHERYL WHITE  
CITY CLERK

  
JEFFREY KRAUSKOPF  
MAYOR

REVIEWED FOR FORM AND  
CORRECTNESS:

  
MICHAEL MORRELL  
CITY ATTORNEY





BEFORE THE CITY COMMISSION  
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 23-2016

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVAL TO RENEW ITB #2012-268, RESIDENTIAL GRINDER PUMP STATIONS TO WATR RESOURCE TECHNOLOGIES FLORIDA, LLC, OF JACKSONVILLE, FLORIDA, FOR THE SECOND OF TWO (TWO YEAR) RENEWAL PERIODS THROUGH MARCH 11, 2018, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

\* \* \* \* \*

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the second of two (2 year) renewal periods, including a 2% price increase for the new unit price amount of \$2,726.31 per grinder unit of Invitation to Bid No. 2012-268, Residential Grinder Pump Systems with Water Resources Technologies Florida, LLC, Jacksonville, Florida; for the period beginning March 12, 2016 and ending on March 11, 2018.

SECTION 2: This resolution shall take effect upon adoption.

Resolution No. 23-2016

Approve Renewal of ITB #2012-268, Residential Grinder Pump Stations

ADOPTED this 8<sup>th</sup> day of February 2016.

Commissioner CLARKE offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner CAMPENNI and upon being put to a roll call vote, the vote was as follows:

JEFFREY KRAUSKOPF, MAYOR  
EULA CLARKE, VICE MAYOR  
TOM CAMEPNNI, COMMISSIONER  
KELLI GLASS LEIGHTON, COMMISSIONER  
TROY MCDONALD, COMMISSIONER

YES	NO	ABSENT
x		
x		
x		
x		
x		

ATTEST:

  
\_\_\_\_\_  
CHERYL WHITE  
CITY CLERK

  
\_\_\_\_\_  
JEFFREY KRAUSKOPF  
MAYOR

REVIEWED FOR FORM AND  
CORRECTNESS:

  
\_\_\_\_\_  
MICHAEL MORTELL  
CITY ATTORNEY





11221 St. Johns Industrial Parkway N.  
Jacksonville, FL 32246  
Voice 904.928.0700 Fax 904.928.0790  
Toll Free 877.978.4286  
Email wrt@wrtllc.com

Dave Peters  
Asst Public Works Director  
City of Stuart  
121 S.W. Flagler Ave  
Stuart FL 34994

January 17, 2016

Dear Dave,

Thank you for contacting me regarding renewal of RFP2012-268 for Residential Grinder Pump Stations.

We are pleased to have the opportunity to extend the current contract; however we can only do so with a price increase placed into effect. In accordance with the contract, Water Resource Technologies is asking for a price increase of 2%, which changes the contracted price per grinder pump station from \$2672.85 net per unit to \$2726.31 per unit. For your reference, I have attached the PPI data for the related equipment.

This new price will remain in effect for the period beginning March 12, 2016 and ending on March 11, 2018, which represents the second of two (2) two-year renewal options.

Please feel free to contact me if I can be of service. We look forward to continuing our supply of grinder pump stations for the City of Stuart.

Best regards,

A handwritten signature in blue ink, appearing to read "Victoria Messina".

Victoria Messina  
Vice-President, Sales  
Water Resource Technologies  
Toll-free ph/fax 877-978-4286  
Cell: 407-718-5507

**Table 4. Producer price indexes and percent changes for selected commodity groupings by final demand category<sup>1</sup>**

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to Dec. 2015 from:		Seasonally adjusted percent change from:		
			Aug. 2015 <sup>2</sup>	Nov. 2015 <sup>2</sup>	Dec. 2015 <sup>2</sup>	Dec. 2014	Nov. 2015	Sept. to Oct.	Oct. to Nov.	Nov. to Dec.
<b>Final demand</b> .....		11/09	110.5	109.6	109.2	-1.0	-0.4	-0.4	0.3	-0.2
Final demand goods.....		11/09	110.1	107.7	106.8	-3.7	-0.8	-0.4	-0.1	-0.7
Final demand foods.....		11/09	119.3	117.5	115.7	-5.2	-1.5	-0.8	0.3	-1.3
Fresh fruits and melons <sup>3</sup> .....	01-11		117.4	149.6	141.8	3.8	-5.2	5.0	11.6	-5.2
Fresh and dry vegetables <sup>3</sup> .....	01-13		191.9	204.0	239.2	16.5	17.3	-1.7	0.9	17.3
Grains <sup>3</sup> .....	01-2		148.3	140.7	146.9	-8.4	4.4	-0.5	-4.2	4.4
Eggs for fresh use.....	01-71-07	12/91	333.5	247.9	167.3	-34.0	-32.5	-26.9	10.8	-38.0
Oilseeds.....	01-83-01		185.4	159.8	162.0	-15.6	1.4	5.7	-3.7	1.7
Bakery products.....	02-11		274.8	276.4	275.9	1.0	-0.2	-0.3	0.5	-0.2
Milled rice <sup>3</sup> .....	02-13		194.3	198.9	198.6	-6.0	-0.2	1.1	0.1	-0.2
Pasta products.....	02-14-02	06/85	215.8	217.8	212.5	2.9	-2.4	-1.9	2.2	-3.1
Beef and veal.....	02-21-01		252.5	227.2	197.1	-22.0	-13.2	-4.7	1.2	-13.8
Pork.....	02-21-04		147.9	147.1	141.0	-19.5	-4.1	1.5	1.0	-1.2
Processed young chickens.....	02-22-03		171.0	163.5	160.5	-10.9	-1.8	0.5	-1.8	-0.5
Processed turkeys.....	02-22-06		167.2	174.3	175.1	0.4	0.5	-0.9	-0.7	2.7
Finfish and shellfish.....	02-23		311.5	295.4	282.8	-10.4	-4.3	-2.7	-3.5	-3.8
Dairy products.....	02-3		192.9	196.8	194.2	-7.7	-1.3	0.5	0.4	0.4
Processed fruits and vegetables <sup>3</sup> .....	02-4		197.1	197.7	197.2	1.0	-0.3	-0.8	1.2	-0.3
Confectionery end products <sup>3</sup> .....	02-55		283.4	283.7	282.9	0.8	-0.3	0.5	0.0	-0.3
Soft drinks <sup>3</sup> .....	02-62		195.7	197.5	198.8	2.1	0.7	-0.3	0.3	0.7
Roasted coffee <sup>3</sup> .....	02-63-01		205.2	199.4	201.3	-2.5	1.0	-1.1	-1.4	1.0
Shortening and cooking oils.....	02-78		243.2	239.5	237.8	-5.3	-0.7	-0.6	-0.2	0.1
Frozen specialty food <sup>3</sup> .....	02-85		189.3	189.8	189.8	-0.9	0.0	-0.3	0.0	0.0
Final demand energy.....		11/09	103.2	92.3	88.5	-16.2	-4.1	0.0	-0.6	-3.4
Liquefied petroleum gas <sup>3</sup> .....	05-32		91.2	135.6	126.5	-12.8	-6.7	-	-	-6.7
Residential electric power.....	05-41	12/90	176.4	168.6	168.9	-0.1	0.2	-0.5	-0.3	0.0
Residential natural gas.....	05-51	12/90	184.7	177.9	178.2	-14.2	0.2	-0.1	-3.1	-0.6
Gasoline.....	05-71		199.3	153.9	137.7	-29.1	-10.5	3.8	-1.3	-8.3
Home heating oil and distillates.....	05-73-02		156.2	138.4	145.8	-22.4	5.3	-0.1	-5.2	16.7
No. 2 diesel fuel.....	05-73-03		189.2	168.3	129.7	-43.6	-22.9	6.7	-2.0	-23.4
Final demand goods less foods and energy.....		11/09	109.9	109.7	109.8	0.0	0.1	-0.3	-0.1	0.1
Alcoholic beverages.....	02-61		192.7	192.6	192.8	0.9	0.1	-1.1	0.2	0.2
Pet food <sup>3</sup> .....	02-94-02		254.4	254.4	253.7	0.5	-0.3	0.0	0.2	-0.3
Women's, girls', and infants' apparel <sup>3</sup> .....	03-81-06	12/03	105.2	105.6	105.9	1.5	0.3	0.1	-0.4	0.3
Men's and boys' apparel <sup>3</sup> .....	03-81-07	12/03	113.3	113.2	113.1	-0.9	-0.1	-0.4	0.4	-0.1
Textile housefurnishings <sup>3</sup> .....	03-82		163.2	162.9	163.5	1.2	0.4	-0.1	-0.1	0.4
Footwear <sup>3</sup> .....	04-3		197.4	197.9	198.9	3.4	0.5	0.0	0.2	0.5
Industrial chemicals <sup>3</sup> .....	06-1		245.2	234.6	233.4	-11.4	-0.5	-0.3	-1.1	-0.5
Pharmaceutical preparations.....	06-38	06/01	216.1	215.8	218.1	8.2	1.1	0.5	0.3	1.1
Soaps and detergents <sup>3</sup> .....	06-71		176.1	176.1	176.1	0.5	0.0	-0.1	0.1	0.0
Cleaning and polishing products <sup>3</sup> .....	06-72	06/83	176.3	176.3	176.3	0.8	0.0	-0.1	-0.1	0.0
Cosmetics and other toiletries <sup>3</sup> .....	06-75		161.2	161.5	161.5	0.2	0.0	0.1	0.1	0.0
Tires <sup>3</sup> .....	07-12-01		146.7	143.3	143.2	-3.0	-0.1	-2.3	0.0	-0.1
Consumer, institutional, and commercial products, n.e.c. <sup>3</sup> .....	07-2B	12/06	128.9	128.5	128.3	-1.4	-0.2	0.1	-0.1	-0.2
Sanitary paper products <sup>3</sup> .....	09-15-01		181.9	181.9	182.3	-0.1	0.2	0.1	-0.1	0.2
Agricultural machinery and equipment <sup>3</sup> .....	11-1		221.6	223.2	223.3	0.9	0.0	0.0	0.5	0.0
Construction machinery and equipment.....	11-2		217.3	217.3	217.3	1.1	0.0	0.0	-0.1	0.0
Metal cutting machine tools <sup>3</sup> .....	11-37		198.4	198.6	198.6	1.1	0.0	0.1	0.0	0.0
Metal forming machine tools <sup>3</sup> .....	11-38		221.9	221.1	221.1	0.2	0.0	-0.4	0.1	0.0
Tools, dies, jigs, fixtures, and industrial molds <sup>3</sup> .....	11-39		150.6	150.5	150.2	-0.2	-0.2	0.0	0.0	-0.2
Pumps, compressors, and equipment.....	11-41		245.1	245.3	245.9	1.4	0.2	0.2	0.2	0.2
Industrial material handling equipment <sup>3</sup> .....	11-44		207.6	207.9	208.1	2.3	0.1	0.1	0.0	0.1
Electronic computers and computer equipment <sup>3</sup> .....	11-5	12/98	29.1	28.6	28.7	-4.0	0.3	-1.0	-0.3	0.3
Textile machinery and equipment <sup>3</sup> .....	11-62		176.2	176.2	175.0	-0.7	-0.7	0.0	0.0	-0.7
Paper industries machinery <sup>3</sup> .....	11-64	06/82	215.9	216.8	218.0	0.9	0.6	0.7	-0.1	0.6
Printing trades machinery and equipment <sup>3</sup> .....	11-65		161.9	161.9	163.5	2.0	1.0	0.0	0.0	1.0
Transformers and power regulators <sup>3</sup> .....	11-74		212.7	206.1	205.0	-7.7	-0.5	-2.5	0.2	-0.5
Communication and related equipment <sup>3</sup> .....	11-76	12/85	109.0	108.8	108.9	0.7	0.1	0.0	0.0	0.1
Electronic components and accessories <sup>3</sup> .....	11-78		68.0	67.9	67.8	-1.0	-0.1	0.0	0.0	-0.1
X-ray and electromedical equipment <sup>3</sup> .....	11-79-05		87.5	87.3	87.3	0.3	0.0	0.1	-0.1	0.0
Oil field and gas field machinery <sup>3</sup> .....	11-91		216.0	215.6	215.7	-0.6	0.0	-1.1	0.0	0.0
Mining machinery and equipment.....	11-92		261.3	261.3	260.7	1.4	-0.2	-0.9	-0.3	-0.1
Office and store machines and equipment <sup>3</sup> .....	11-93		122.7	122.8	122.8	0.3	0.0	0.0	0.1	0.0
Household furniture.....	12-1		204.1	204.5	204.6	0.9	0.0	0.2	0.2	0.0
Commercial furniture <sup>3</sup> .....	12-2		213.3	213.7	213.3	1.0	-0.2	0.0	-0.1	-0.2
Floor coverings <sup>3</sup> .....	12-3		188.5	187.0	187.2	-0.1	0.1	-0.6	-0.4	0.1
Household appliances <sup>3</sup> .....	12-4		116.2	116.2	115.9	-1.4	-0.3	-0.1	-0.3	-0.3

See footnotes at end of table.



BEFORE THE CITY COMMISSION  
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 23-2015

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVE RENEWAL OF ITB #2012-268, RESIDENTIAL GRINDER PUMP STATIONS TO WATER RESOURCE TECHNOLOGIES FLORIDA, LLC, OF JACKSONVILLE, FLORIDA, FOR THE SECOND OF TWO RENEWAL PERIODS THROUGH MARCH 11, 2016, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

\* \* \* \* \*

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

**SECTION 1:** The City Commission of the City of Stuart hereby approves the second of two renewal periods, in the amount of \$2,672.85 per grinder unit of Invitation to Bid No. 2012-268, Residential Grinder Pump Systems with Water Resources Technologies Florida, LLC, Jacksonville, Florida; for the period beginning March 12, 2015 and ending on March 11, 2016.

**SECTION 2:** This resolution shall take effect upon adoption.

Resolution No. 23-2015  
Approve Renewal of ITB #2012-268, Residential Grinder Pump Stations

ADOPTED this 23<sup>rd</sup> day of February 2015.

Commissioner KRAUSKOPF offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner CAMPENNI and upon being put to a roll call vote, the vote was as follows:

KELLI GLASS LEIGHTON, MAYOR  
JEFFREY KRAUSKOPF, VICE MAYOR  
TOM CAMEPNNI , COMMISSIONER  
EULA CLARKE, COMMISSIONER  
TROY MCDONALD, COMMISSIONER

YES	NO	ABSENT
X		
X		
X		
X		
X		

ADOPTED this 23<sup>rd</sup> day of February, 2015.

ATTEST:

  
\_\_\_\_\_  
CHERYL WHITE  
CITY CLERK

  
\_\_\_\_\_  
KELLI GLASS LEIGHTON  
MAYOR

REVIEWED FOR FORM AND  
CORRECTNESS:

  
\_\_\_\_\_  
MICHAEL MORTELL  
CITY ATTORNEY





# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services  
Procurement & Contracting Services Division

Lenora Darden, CPPB  
Procurement Buyer  
ldarden@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 600-0134  
[www.cityofstuart.us](http://www.cityofstuart.us)

January 21, 2015

Via Email Transmission: [wrtllc@wrtllc.com](mailto:wrtllc@wrtllc.com)

Water Resource Technologies Florida, LLC  
Attn: Mark Alexander, President  
11221 St. Johns Industrial Parkway North  
Jacksonville, Florida 32246

Subject: Renewal for RFP 2012-268, Residential Grinder Pump Stations

Dear Mr. Alexander,

This is official notification to your firm that the City of Stuart is satisfied with your firm's performance and wishes to extend your current contract for Residential Grinder Pump Stations, for the period beginning March 12, 2015 and ending on March 11, 2016, which represents the second of two (two year) renewal options. This extension is granted under the same terms, conditions, and pricing as the original contract.

Please complete the bottom portion of this letter if your firm will agree to the requested renewal. Your response must be received **no later than 4:00 p.m., February 6, 2015**. You may fax your response to (772) 600-0134 or send by email to [ldarden@ci.stuart.fl.us](mailto:ldarden@ci.stuart.fl.us).

Thank you for your cooperation and immediate attention to this matter. Please contact me at (772) 288-5308, if you should have any questions.

Best Regards,

Lenora Darden, CPPB  
Procurement Buyer

cc: Dave Peters, Asst Public Works Director  
Janine Wilde, Executive Admin Asst  
2012-268 File

I hereby agree to the contract renewal as specified of the subject Agreement

I am unable to agree to the contract renewal as specified of the subject Agreement

(Signature)

Printed Name

06 FEB 2015  
Date

PRESIDENT  
Title



BEFORE THE CITY COMMISSION  
CITY OF STUART, FLORIDA

RESOLUTION NUMBER 27-2014

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA RENEWING THE AWARD OF ITB NO. 2012-268 TO WATER RESOURCES TECHNOLOGIES FLORIDA, LLC, JACKSONVILLE, FLORIDA, THE MOST QUALIFIED FIRM TO PROVIDE RESIDENTIAL GRINDER PUMP SYSTEMS FOR THE FIRST OF TWO RENEWAL PERIODS THROUGH MARCH 11, 2015, PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

\* \* \* \* \*

NOW TEHREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:

SECTION 1: The City Commission of the City of Stuart hereby approves the first of two renewal periods, including a 3% price increase for the new unit price amount of \$2,672.85 per grinder unit of Invitation to Bid No. 2012-268, Residential Grinder Pump Systems with Water Resources Technologies Florida, LLC, Jacksonville, Florida; for the period beginning March 12, 2014 and ending on March 11, 2015.

SECTION 2: This resolution shall take effect upon adoption.

Res. 27-2014

Renewal Period for ITB No. 2012-268, Residential Grinder Pump Systems

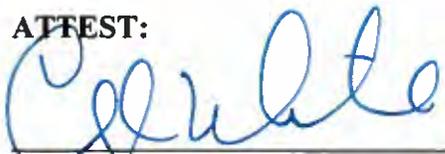
ADOPTED this 10th day of March 2014.

Commissioner KRAUSKOPF offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner CLARKE and upon being put to a roll call vote, the vote was as follows:

**TROY MCDONALD, MAYOR**  
**KELLI GLASS-LEIGHTON, VICE MAYOR**  
**JAMES A. CHRISTIE, COMMISSIONER**  
**JEFFERY A. KRAUSKOPF, COMMISSIONER**  
**EULA R. CLARKE, COMMISSIONER**

YES	NO	ABSENT
X		
		X
X		
X		
X		

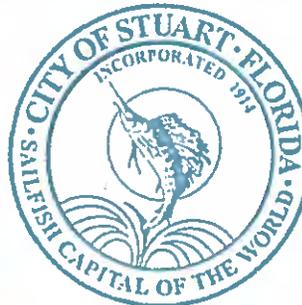
ATTEST:

  
\_\_\_\_\_  
**CHERYL WHITE**  
**CITY CLERK**

  
\_\_\_\_\_  
**TROY MCDONALD**  
**MAYOR**

APPROVED AS TO FORM  
AND CORRECTNESS:

  
\_\_\_\_\_  
**MICHAEL J. MORTELL**  
**CITY ATTORNEY**





11221 St. Johns Industrial Parkway N.  
Jacksonville, FL 32246  
Voice 904.928.0700 Fax 904.928.0790  
Toll Free 877.978.4286  
Email wrt@wrllc.com

Dave Peters  
Asst Public Works Director  
City of Stuart  
121 S.W. Flagler Ave  
Stuart FL 34994

February 25, 2014

Dear Dave,

We are in receipt of Ms. Lenora Darden's letter dated Jan 2<sup>nd</sup>, 2014 regarding renewal of RFP2012-268 for Residential Grinder Pump Stations.

We are pleased to have the opportunity to extend the current contract; however we can only do so with a price increase placed into effect. In accordance with the contract, Water Resource Technologies is asking for a price increase of 3%, which changes the contracted price per grinder pump station from \$2595.00 net per unit to \$2672.85 per unit. For your reference I have attached the PPI history for the related equipment.

This new price will remain in effect for the period beginning March 12, 2014 and ending on March 11, 2015, which represents the first of two (two year) renewal options.

Please feel free to contact me if I can be of service. We look forward to continuing our supply of grinder pump stations for the City of Stuart.

Best regards,

A handwritten signature in black ink, appearing to read "Victoria Messina".

Victoria Messina  
Vice-President, Sales  
Water Resource Technologies  
Toll-free ph/fax 877-978-4286  
Cell: 407-718-5507

# Databases, Tables & Calculators by Subject

FONT SIZE:

Change Output Options: From:  To:  **GO**

include graphs

[More Formatting Options](#)

Data extracted on: February 25, 2014 (7:46:11 AM)

## Producer Price Index Industry Data

Series Id: PCU333911333911  
 Industry: Pump and pumping equipment manufacturing  
 Product: Pump and pumping equipment manufacturing  
 Base Date: 198312

Download: .xls

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2011	229.2	229.7	230.7	231.0	232.2	232.2	233.5	233.6	233.7	234.4	234.4	234.7	232.4
2012	235.4	237.8	239.3	239.5	239.5	239.8	240.4	240.4	240.3	240.6	238.5	238.7	239.2
2013	239.5	239.8	240.7	241.7	241.7	241.7	241.8	242.1	242.3	242.5(P)	242.4(P)	242.7(P)	241.6(P)
2014	244.4(P)												

$$\frac{242.3}{233.7} = 3.68$$

P : Preliminary. All indexes are subject to revision four months after original publication.

Series Id: PCU33391133391112  
 Industry: Pump and pumping equipment manufacturing  
 Product: Pump and pumping equipment  
 Base Date: 200912

Download: .xls

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2011	101.0	101.1	101.4	101.6	102.1	102.1	102.5	102.5	102.6	102.9	102.9	103.1	102.1
2012	103.4	104.5	105.2	105.2	105.2	105.3	105.5	105.5	105.4	105.5	104.3	104.4	105.0
2013	104.7	104.9	105.3	105.6	105.6	105.6	105.6	105.8	105.8	106.0(P)	105.9(P)	106.0(P)	105.6(P)
2014	106.7(P)												

$$\frac{105.8}{102.6} = 3.11$$

P : Preliminary. All indexes are subject to revision four months after original publication.

Series Id: PCU333911333911122  
 Industry: Pump and pumping equipment manufacturing  
 Product: Domestic sump pumps  
 Base Date: 200912

Download: .xls

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2011	104.9	102.3	103.0	102.5	102.5	102.5	102.5	102.8	102.8	103.4	103.3	103.3	103.0
2012	104.8	104.8	104.8	105.2	105.2	105.2	109.7	109.7	109.7	110.5	110.5	110.6	107.6
2013	110.7	110.7	110.7	110.7	111.0	111.0	111.0	111.0	111.0	113.9(P)	111.5(P)		
2014	111.7(P)												

$$\frac{111.0}{102.8} = 7.98$$

P : Preliminary. All indexes are subject to revision four months after original publication.

**RFP TABULATION**

**City of Stuart**

**RFP #:** 2012-112  
**Project:** Yard Waste/Clean Wood Processing & Disposal Services  
**Addenda:** 2  
**Date Opened:** 2/8/2012  
 300 SW Saint Lucie Avenue · Stuart · Florida 34994  
 Department of Financial Services  
 Purchasing Division  
 Rebecca S. Begley, CPPB, A.P.P., FCCM  
 Contracts Administrator  
 Email: [rbegley@ci.stuart.fl.us](mailto:rbegley@ci.stuart.fl.us)  
 Telephone (772) 288-5308  
 Fax: (772) 288-5381  
[www.cityofstuart.fl.us](http://www.cityofstuart.fl.us)

Firms Submitting Proposals: (in random order)	Add 1 & 2	Transmittal letter	Qualification Data	Task Approach Op Plan	Past Performance	Compensation Schedule	Required Statements	RESPONSIVE
1 Treecycle Land Clearing, Inc. of West Palm Beach, FL	yes	no	no	no	no	yes	no	NO
2 Waste Pro of Florida, Inc. of Ft. Pierce, FL	yes	yes	yes	yes	yes	yes	yes	YES
3 Justin Industries, Inc. DBA R3 Recycling of Loxahatchee, FL	yes	yes	yes	yes	yes	yes	yes	YES
4 Consolidated Resource Recovery, Inc. of Sarasota, FL	yes	yes	yes	yes	yes	yes	yes	YES
5 Common Areas Maintenance/DGC Env Svcs of Ft Pierce, FL	yes	yes	yes	yes	yes	yes	yes	YES

**CITY OF STUART, FLORIDA  
CITY COMMISSION  
AGENDA ITEM REQUEST**

Meeting Date: 3/12/2012

Prepared by: T. Iverson

Ordinance/Resolution No. 23-2012

**Title of Item:**

**Award ITB #2012-268, Residential Grinder Systems, to the lowest, most responsive and responsible bidder, Water Resources Technologies Florida, LLC, Jacksonville, Florida**

**Summary Explanation/Background Information on Agenda Request:**

This solicitation was advertised in the Stuart News on January 23, 2012. The Purchasing Office mailed twenty one (21) notices of solicitation directly to bidders who were on the City's vendor list. Simultaneously, this ITB was posted on DemandStar, the City's on-line bid disseminator. DemandStar notified three hundred fifteen (315) potential bidders. A total of forty one (41) bid packages were issued for this project. A total of four (4) responsive bids and two (2) non-responsive bids were received by 2:30 pm, March 2, 2011 the bid opening date and time.

Public Works and Purchasing staffs have evaluated the bids and recommend award to the lowest responsive and responsible bidder, Water Resources Technologies Florida, LLC, Jacksonville, Florida. Estimated quantity of grinder pumps to be purchased in the first two year term of this agreement is 150 units, for the total estimated bid amount of \$389,250.00.

The original bid package, any addenda issued during the bid process, the successful bidder's signed bid submittal and response, and any other documentation included in the bidders submittal as required by this Invitation to Bid and other additional materials submitted by the bidder and accepted by the City shall constitute the contract.

**Funding Source:**

Funds are budgeted and are available in the Distribution & Collection budget, 1630-563. Funds were appropriated and expenditure authorized with Resolution 92-2011.

**Recommended Action:**

Award ITB #2012-268, Residential Grinder Systems, to the lowest, most responsive and responsible bidder, Water Resources Technologies Florida, LLC, Jacksonville, Florida, for the unit price bid amount of \$2,595.00 for each grinder unit. Term of the agreement shall be for two years with the possibility of two additional two year renewal terms provided both the City and Water Resources Technologies Florida, LLC agree in writing to the renewals.



Amerson, Sam  
Public Works Director



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Durham, Michael  
City Attorney



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Nicoletti, Paul  
City Manager



**BEFORE THE CITY COMMISSION  
CITY OF STUART, FLORIDA**

**RESOLUTION NUMBER 23-2012**

**A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA APPROVING THE AWARD OF ITB No. 2012-268, RESIDENTIAL GRINDER SYSTEMS TO THE LOWEST, MOST RESPONSIVE BIDDER, WATER RESOURCES TECHNOLOGIES FLORIDA, LLC, JACKSONVILLE, FLORIDA; PROVIDING AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.**

\* \* \* \* \*

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF STUART, FLORIDA that:**

SECTION 1: The City Commission of the City of Stuart, Florida approves the award of ITB No. 2012-268 to the lowest most responsive and responsible bidder, Water Resources Technologies Florida, LLC, Jacksonville, Florida, for Residential Grinder System.

SECTION 2: The City Commission authorizes the Mayor and City Clerk and any other necessary City Official to execute the required documents, after approval by the City Attorney.

SECTION 3: This resolution shall take effect upon adoption.

Res.23-2012

Award ITB No. 2012-268 for Residential Grinder Systems

Commissioner Krauskopf offered the foregoing resolution and moved its adoption. The motion was seconded by Commissioner McDonald and upon being put to a roll call vote, the vote was as follows:

JAMES A. CHRISTE, JR., MAYOR  
EULA R. CLARKE., VICE MAYOR  
TROY A. McDONALD, COMMISSIONER  
JEFFREY A. KRAUSKOPF, COMMISSIONER  
KELLI GLASS-LEIGHTON, COMMISSIONER

YES	NO	ABSENT
✓		
✓		
✓		
✓		
✓		

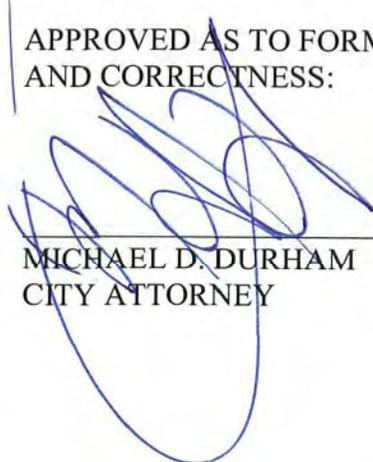
ADOPTED this 12th day of March, 2012.

ATTEST:

  
\_\_\_\_\_  
CHERYL WHITE  
CITY CLERK

  
\_\_\_\_\_  
JAMES A. CHRISTIE, Jr.  
MAYOR

APPROVED AS TO FORM  
AND CORRECTNESS:

  
\_\_\_\_\_  
MICHAEL D. DURHAM  
CITY ATTORNEY



# City of Stuart

## ITB TABULATION

Rebecca S. Begley, CPPB, A.P.P., FCCM  
 Contracts Administrator  
 300 SW Saint Lucie Avenue · Stuart · Florida 34994

ITB #: 2012-268  
 Project: Residential Grinder Pump System  
 Pre-Bid Meeting: N/A  
 Addenda: 3  
 Date Opened: 02/22/12  
 Estimated Cost:

Email: [rbegley@ci.stuart.fl.us](mailto:rbegley@ci.stuart.fl.us)  
 Telephone (772) 288-5308  
 Fax: (772) 288-5381  
[www.cityofstuart.us](http://www.cityofstuart.us)

BIDDER'S NAME (In random order)	Acknowledged Receipt of ADD #1, #2 and #3	10% BID BOND	UNIT BID PRICE - BASE	TOTAL BID PRICE - BASE (150 units X Bid Price)	UNIT BID PRICE - ALTERNATE	TOTAL BID PRICE - ALTERNATE (150 units X Bid Price)
Hydro Pumps, Inc. of Plantation, FL	yes	yes	\$3,116.94	\$467,541.00	\$3,556.94	\$533,541.00
Barney's Pumps, Inc. of Coral Springs, FL	yes	yes	\$3,265.00	\$489,750.00	\$3,651.00	\$547,650.00
Hydra Service, Inc. of Sanford, FL	yes	yes	\$2,864.00	\$429,600.00	\$3,259.00	\$488,850.00
Water Resource Technologies Florida LLC of Jacksonville, FL	yes	yes	\$2,595.00	\$389,250.00	\$2,955.00	\$443,250.00
<b>NON-RESPONSIVE</b>						
Southeastern Wastewater Equipment Corp. of Pompano Beach, FL				missing submittal information		
Custom Pump & Controls, Inc. of Tampa, FL				insufficient Bid Bond		
<b>NO BID</b>						
Alphageneral Services, Inc. of Sebring, FL						



MEMORANDUM

TO: Terry Iverson, Purchasing Agent

VIA: Sam Amerson, Public Works Director *JIA 3/10/12 Dave Peters*

FROM: Dave Peters, Assistant Public Works Director

DATE: February 29, 2012

SUBJECT: Invitation to Bid 2012-268 Residential Grinder Systems

Attached for your review is the Bid Tabulation for Invitation to Bid 2012-268 (ITB 2012-268) for Residential Grinder Systems.

Six (6) bids were opened on February 22, 2012. Two (2) bids were deemed non-responsive.

On February 23, 2012 the selection committee reviewed four (4) bid packages:

<u>Company</u>	<u>Location</u>	<u>Base Bid</u>
Hydro Pumps, Inc.	Plantation, Florida	\$3,116.94
Barney's Pumps, Inc.	Coral Springs, Florida	\$3,265.00
Hydra Service, Inc.	Sanford, Florida	\$2,864.00
Water Resource Technologies Florida, LLC	Jacksonville, Florida	\$2,595.00

After a review of the bid submittals by the selection committee it was determined the base bid from Water Resource Technologies Florida, LLC in the amount of \$2,595.00 was the most responsive low bid.

Resolution 92-2011 authorized the appropriation and expenditure of funds for the purchase of residential grinder systems.

Accordingly, we respectfully request that you prepare an Agenda Item for City Commission action on March 13, 2012 recommending award of ITB #2012-268 to Water Resource Technologies Florida, LLC for a base bid price of \$2,595.00 per unit for a two-year term.

Should have any questions or require any additional information, please contact me.

cc: Marc Rogolino, Public Works Inspector  
 Cornelius Kossen, Team Leader  
 file



# City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services  
Purchasing Division

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
[rbegley@ci.stuart.fl.us](mailto:rbegley@ci.stuart.fl.us)

Telephone (772) 288-5308  
Fax: (772) 288-5381  
[www.cityofstuart.us](http://www.cityofstuart.us)

## INVITATION TO BID

**FOR: RESIDENTIAL GRINDER PUMP SYSTEM**  
DATE: January 23, 2012  
DEPT: Public Works  
BID NUMBER: #2012-268

### THIS IS NOT AN ORDER

Bids will be opened and publicly read aloud by the City in the City Hall Annex, 300 S.W. St. Lucie Avenue, Stuart, Florida at 2:30 pm on Wednesday, **FEBRUARY 22, 2012**. Bids must be SUBMITTED ON THE FORM FURNISHED BY THE CITY and in accordance with specifications and list of quantities desired.

Please attach this completed form as the top sheet for all bids submitted. Bid bonds, if required, may be in the form of a Surety Bond, Cashier's Check or Certified Check (checks payable to: The City of Stuart).

Bidder's Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Total Amount of Bid \$ \_\_\_\_\_

It is the intent and purpose of the City of Stuart that this Invitation to Bid promotes competitive bidding. It shall be the bidder's responsibility to advise the Purchasing Division if any language, requirements, etc., or any combination thereof, inadvertently restricts or limits the requirements stated in this Invitation to Bid to a single source. Such notification must be submitted in writing and must be received by the Purchasing Division not later than ten (10) days prior to the bid opening date.

#### ADDRESS BIDS TO:

By Mail:  
Purchasing Division  
City of Stuart  
121 S.W. Flagler Avenue  
Stuart, Florida 34994

or

By Hand Delivery:  
Purchasing Division  
City Hall Annex  
300 S.W. St. Lucie Avenue  
Stuart, Florida 34994

Mark outside of envelope: **ITB #2012-268 "Residential Grinder Pump System"**

## A1 INSTRUCTIONS TO BIDDER

A1.1 Each bidder shall furnish the information required on the bid schedule and each accompanying sheet thereof on which he makes an entry. Offers submitted on any other format are subject to disqualification.

A1.2 All bids must be submitted in a sealed envelope plainly marked on the outside with the bidder's name, invitation to bid number, date and time of opening.

A1.3 All Bids Must Be Submitted in Triplicate. Firms interested in providing the required product and/or services shall submit one (1) original, marked "ORIGINAL", three (3) copies, each marked "COPY", and one (1) electronic copy (PDF format preferred) on a CD of the requested documentation. This includes specifically the bid cover page, the bid signature section (A2), any section on which annotations are required or exceptions are taken (E.2.2), the bid schedule section (F), Attachment B, and any supporting documentation or literature being submitted with your bid.

A1.4 It is the bidder's responsibility to assure that Bids are sealed and received in the City of Stuart Purchasing Office, 300 S.W. St. Luce Avenue, Stuart, Florida 34994, not later than 2:30 p.m., on the day and date shown above. Any received after this date and time will not be accepted or considered, and will be returned unopened to the bidder. No electronic, telegraphic or facsimile offers will be considered. To be considered, a Bid must be sealed, received and accepted in the Purchasing Office before the Bid closing date and time.

A1.5 Bids will be publicly opened and read aloud in the City Hall Annex on the above-appointed date at 2:30 p.m. or as soon as possible thereafter.

A1.6 Bids may not be withdrawn for a period of sixty (60) days after the public opening date.

A1.7 Bidder's attention is specifically called to the terms, conditions, and technical specifications of this solicitation.

A1.8 Please check your prices before submitting your bid, as no change in prices will be allowed after the opening. All prices and notations must be in ink or typewritten. Be sure your bid is signed by an official authorized to legally bind the bidder to all bid provisions.

A1.9 All items quoted must be in compliance with the specifications. Alternate bids will not be considered unless they are specifically called for in this solicitation.

A1.10 Any actual or prospective bidder who protests the reasonableness, necessity or competitiveness of the terms and/or conditions of the invitation to bid, selection or award recommendation shall file such protest in writing to the City Manager.

A1.11 Questions relative to interpretation of specifications or the solicitation process shall be addressed to the Contracts Administrator, in writing, in ample time before the period set for the receipt of bids. Any interpretations, clarifications or changes made will be in the form of written addenda issued by the Purchasing Office. Oral answers will not be authoritative.

A1.12 It will be the responsibility of the bidder to contact the Purchasing Office prior to submitting a bid to ascertain if any addenda have been issued, to obtain all such addenda, and to return executed addenda with their bid. All questions or requests for additional information shall be directed to Rebecca S. Begley, CPPB, A.P.P., FCCM, Contracts Administrator, at 772-288-5308, fax 772-288-5381, email: [rbegley@ci.stuart.fl.us](mailto:rbegley@ci.stuart.fl.us) or Terry Iverson, Purchasing Manager, at 772-288-5320, fax 772-600-1202, email: [tiverson@ci.stuart.fl.us](mailto:tiverson@ci.stuart.fl.us). The Purchasing Office is located at 300 S.W. St. Lucie Avenue, Stuart, Florida 34994.

**A2 BID SIGNATURE SECTION**

A2.1 This sheet must be signed by a person authorized to contractually bind your firm and returned with your bid. Failure to comply will result in disqualification of submittal.

A2.2 Delivery shall be a factor in award. Failure to perform within delivery deadline(s) set forth in the specifications or any other contract document shall constitute default.

A2.3 The City reserves the right to award any agreement resulting from this solicitation in accordance with unit prices bid unless the bidder qualifies the bid with specific limitation.

A2.4 The City reserves the right to reject any or all bids, without recourse, to waive technicalities or to accept the bid which in its sole judgment best serves the interest of the City. Cost of submittal of this bid is considered an operational cost of the bidder and shall not be passed on to or be borne by the City.

A2.5 Goods, services, supplies or equipment covered in the specifications shall be delivered F.O.B. Destination.

A2.6 The City may accept any item or group of items on any bid unless the offeror qualifies his bid by specific limitations.

A2.7 Bidders are requested not to contact the City Commission, requesting/evaluating Departments or Divisions after bids are opened. Any questions from bidders or evaluating Departments or Divisions will be answered through the Purchasing Division Office.

A2.8 If not bidding any or all items, please so state.

A2.9 Unit prices will govern in the event both unit and total prices are requested in the solicitation and the unit price carried forward does not mathematically result in the correct total price for that item.

A2.10 Failure to comply with these instructions may result in disqualification of your bid.

A2.11 The undersigned bidder hereby certifies that he has received the Addenda listed below and has incorporated them into the Bid. Failure to acknowledge any and all addenda may render the bid non-responsive and subject to no further evaluation.

A2.12 The undersigned bidder hereby certifies that he has read and understands the requirements of this Invitation to Bid (ITB) and that he, as the respondent, will comply with all requirements, and that he is duly authorized to execute this bid/offer document and any contract(s) and/or other transactions required by award of this ITB.

Addendum # \_\_\_\_\_ THROUGH Addendum # \_\_\_\_\_ BIDDER'S INITIALS \_\_\_\_\_

\_\_\_\_\_  
Firm Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Authorized Signature (Manual)

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Name/Title (Please Type/Print)

\_\_\_\_\_  
Facsimile Number

**B. GENERAL PROVISIONS**

**B1. Payment/Invoicing:** No payment will be made for materials ordered without proper purchase order authorization. Payment cannot be made until materials, goods or services have been received and accepted by the City in the quality and quantity ordered. Payment will be accomplished by submission of invoice, in duplicate, with Purchase Order Number referenced thereon and mailed to: Financial Services Department, 121 S.W. Flagler Avenue, Stuart, FL 34994. Payment in advance of receipt of goods or services by the City of Stuart cannot be made. Preferred method of payment is by means of the City of Stuart Purchasing Card (VISA). Unless specifically stated otherwise by the successful bidder it shall be assumed that this payment method is acceptable.

**B2. Fund Availability:** Any agreement resulting from this solicitation is deemed effective only to the extent of appropriations available.

**B3. Permits/Licenses/Fees:** Not Applicable

**B4. Taxes:** The City of Stuart does not pay Federal excise or State sales taxes. Our tax exemption number is 85-8012740159C-6. A tax-exempt certificate will be supplied upon request.

**B5. Warranty:** The bidder shall state what warranty is offered for the product and/or services described.

**B6. Independent Pricing:** By submission of this bid, the bidder certifies, and in the case of a joint bid each party hereto certifies as to its own organization, that in connection with this procurement:

- a. The prices in this bid have been arrived at independently, without consultation, communication, or agreement with any other offeror or with any competitor for the purpose of restricting competition, or in any other way influencing the competitive arena.
- b. Unless otherwise required by law, the prices, which have been quoted in this bid, have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly to any offeror or to any competitor.
- c. No attempt has been made or will be made by the bidder to induce any other person or firm to submit or to not submit a bid for the purpose of restricting competition, or in any other way influencing the competitive arena.

**B7. Inspection/Acceptance Title:** Inspection and acceptance will be at the City of Stuart's ordering department/division unless otherwise stipulated. Title and risk of loss or damage to all items shall be the responsibility of the vendor until accepted by the using department of the City, unless loss or damage results from negligence by the City or its using Department.

**B8. Changes:** The City of Stuart reserves the right to order, in writing, changes in the work within the scope of the agreement such as change in quantity or delivery schedule. The contractor has the right to request an equitable price adjustment in cases where modifications to the agreement under the authority of this clause result in increased costs to the contractor.

**B9. Liability/ Indemnification:** The vendor shall act as an independent contractor and not as an employee of the City of Stuart. The vendor will be required to indemnify, defend, and hold and save harmless the City, its officers, agents, and employees, from damages arising from the vendor's performance of, or failure to perform, any task or duty required to be performed by the vendor.

**B10. Conflict of Interest:** All offerors must disclose with their offer the name of any officer, director, or agent who is also an officer or employee of the City of Stuart. Further, all bidders must disclose the name of any

City officer or employee who owns, directly or indirectly an interest of ten percent (10%) or more of the bidder's firm or any of its branches.

**B11. Termination for Convenience:** The City of Stuart reserves the right to terminate the Agreement in whole or part by giving the vendor written notice at least thirty (30) days prior to the effective date of the termination. Upon receipt of termination notice from the City, the vendor shall only provide those services specifically approved or directed by the City. All other rights and duties of the parties under the Agreement shall continue during such notice period, and the City of Stuart shall continue to be responsible to the vendor for the payment of any obligations to the extent such responsibility has not been excused by breach or default of the vendor.

Upon termination, vendor shall bill the City of Stuart for all amounts not previously billed and due the vendor at that time. The vendor shall not be entitled to a professional fee nor expenses for any work commenced or expenses incurred after the vendor received the notice of termination, unless specifically approved or requested by the City. The vendor shall however, be entitled to payment for services commenced and approved by the City prior to the receipt of notice, or with the express written consent of the City, prior to the effective date of termination.

**B12. Termination for Default:** The performance of the Agreement may be terminated by the City of Stuart in accordance with this clause, in whole or in part, in writing, whenever the City shall determine that the contractor has failed to meet performance requirement(s) of the Agreement

**B13. Venue:** Any contractual arrangement between the City of Stuart and the vendor shall be consistent with, and be governed by, the ordinances of Martin County, the City of Stuart, the whole law of the State of Florida, both procedural and substantive, and applicable federal statutes, rules and regulations. Any and all litigation arising under any contractual arrangement shall be brought in the appropriate court in Martin County, Florida.

**B14. Modifications:** In addition to changes made under the changes clause, any agreement resulting from this solicitation may be modified within the scope of the agreement upon the written and mutual consent of both parties, and approval by appropriate legal bodies in the City of Stuart.

**B15. The Contract:** Should the awarded contractor require a separate contract with the City of Stuart, please attach a draft to your bid submittal. Notice of award by the City of Stuart will constitute acceptance of the Bid. This bid package, any addenda issued during the bid process, the successful bidder's signed bid submittal and response, and any other documentation included in the bidders submittal as required by this Invitation to Bid and other additional materials submitted by the bidder and accepted by the City shall constitute the contract. A purchase order or other award document will be issued by the City when appropriate to do so.

**B16. Force Majeure:** Neither party to this agreement shall be liable to the other for any cost or damages if the failure to perform the agreement arises out of causes beyond the control and without the fault or negligence of the parties. Such causes may include, but are not restricted to war, acts of terrorism, acts of God, fires, quarantine restriction, strikes, and freight embargoes. In all cases, the failure to perform must be totally beyond the control and without the fault or negligence of the party. The delivery schedule, if applicable, shall be extended by a period of time equal to the time lost due to such delay.

**B18. Submittal as Public Domain:** All documents and other materials made or received in conjunction with this project will be subject to public disclosure requirements of Chapter 119, Florida Statutes. The bid will become part of the public domain upon opening. Vendors shall not submit pages marked "proprietary" or otherwise "restricted."

**B19. Equal Opportunity:** The City of Stuart recognizes fair and open competition as a basic tenet of public procurement and encourages participation by minority and women owned business enterprises. The City requests minority and women owned business enterprises submit evidence of certification with submittals.

B20. **Assignment & Subcontracting:** The successful bidder will not be permitted to assign its contract with the City without obtaining prior written approval of the City of Stuart.

B21. **Insurance:** The contractor shall, during the entire period of performance of any contract resulting from this solicitation, procure and maintain at least the minimum kinds of insurance as stipulated in the insurance requirements as noted in Attachment A to this solicitation. Proof of such insurance must be provided to the City prior to beginning any contract performance.

B22. **Additional Terms and Conditions:** No additional terms and conditions included with the bid response shall be evaluated or considered; any and all such additional terms and conditions shall have no force and effect and are inapplicable to this bid. If submitted either purposely through intent or design or inadvertently appearing separately in transmitting letters, specifications, literature, price lists, or warranties it is understood and agreed the general and special conditions in this solicitation are the only conditions applicable to this bid and the bidders authorized signature affixed to the bid signature section attests to this.

B23. **Safety Standards:** All contractors and sub-contractors shall adhere to all Federal, State, County and City safety regulations and requirements. The City of Stuart safety manual is available for use by any vendor contracted to provide services, supplies and/or equipment to the City of Stuart.

B24. **Public Entity Crimes:** Pursuant to the requirements of Section 287, Florida Statutes, all vendors are subject to those provisions pertaining to Public Entity Crimes and the Convicted Vendor List.

B25. **Additional Contractor Requirements:** As described herein.

B26. **Federal, State, County, and City Regulations:** The successful contractor(s) and their employees shall conform to all Federal, State, County, and City regulations while in performance of their contracts. Any individual found not to conform shall not be allowed to start to work or if started, shall be required to leave the job site immediately. Continued violations by any successful contractor shall result in the immediate termination of the successful contractor's contract.

### C. SPECIAL PROVISIONS

C1. **Site Visitation:** Not Applicable

C2. **Period of Agreement:** This Agreement shall be awarded for an initial term of two (2) years subsequent to approval by the City Commission. The Agreement may be renewed for two (2) additional two (2) year periods provided both the successful bidder and the City agree and all terms and conditions remain the same. Any agreement or amendment to the agreement resulting from this solicitation shall be subject to fund availability and mutual written agreement between the City and the successful bidder. Extension of the contract for an additional ninety (90) day period for the convenience of either party shall be permissible at the mutual consent of both parties.

C3. **Bidder/Offeror Qualification:** Bids will be considered from firms who have adequate personnel and equipment and who are so situated as to perform prompt project delivery. Bids will be considered only from firms which are regularly engaged in the business as described in this bid package; with a record of performance for a reasonable period of time, which have sufficient financial support, equipment, and organization to ensure that they can satisfactorily deliver if awarded an Agreement under the terms and conditions stated within this document. The terms "equipment and organization" as used herein shall be construed to mean a fully equipped and well-established company in line with the best business practice in the industry and as determined by the City.

C4. **Minimum Payment Terms:** Minimum payment terms shall be Net 30 days.

C5. **Prompt Payment Discounts:** Prompt payment discounts of 30 days or longer will be considered in evaluation of bids. Discounts will be computed from the date of satisfactory delivery at the place of acceptance, or from receipt of correct invoice at the City office specified, whichever is later.

C6. **Pre-award inspection:** The City reserves the right to make a pre-award inspection of the bidder's facilities, to determine the capabilities of the bidder to provide service to the City, prior to award of a contract.

C7. **Purpose:** It is the City of Stuart's intent and the purpose of these specifications to secure a qualified contractor to provide the goods and/or services as described herein to the City of Stuart. Specifications listed herein describe the expected minimum standard. These specifications are intended to be descriptive in nature and are not intended to eliminate any vendor from submitting a bid.

C8. **Delivery: F.O.B. Point:** F.O.B. point is destination for all deliveries pursuant to this solicitation.

C9. **Assignment and Subcontracting:** The contractor shall not assign the contract with the City without obtaining the prior written approval of the City of Stuart.

C10. **Bid Bond:** Bids that total (annually) an amount over Twenty Five Thousand and 00/100 Dollars (\$25,000.00) will require a Bid Bond in an amount of ten percent (10%) of the total amount bid. Bid Bond may be in the form of a Surety Bond with a carrier duly licensed and authorized to do business in the State of Florida, Cashier's Check or Certified Check (checks payable to The City of Stuart), and must be submitted with the bid.

C11. **Payment and Performance Bond:** This section not used.

C12. **Exceptions to Specifications:** Exceptions to any term, condition or specification in this bid package must be noted by section and number, listed on company letterhead, and attached to the bidder's submittal. Determination of suitability for City use will be the sole responsibility of the City.

C13. **Firm Prices:** The prices offered shall remain firm for no less than sixty (60) days.

C14. **Other Entity Use:** The successful bidder(s) may convey their bid prices, contract terms and conditions, to municipalities or other governmental agencies within the State of Florida.

C15. **Quality:** The City will make the sole determination as to the suitability of materials when quality is a question or concern.

C16. **Silence of Specifications:** The apparent silence of these specifications and any addenda hereto, as to any details; or the omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that the service provided shall be complete and without additional requirement to the utilizing public entity. All interpretations of these specifications shall be made upon the basis of this statement.

C17. **Attachments:** There are three (3) attachments to this Invitation to Bid:

- Attachment A - Insurance Requirements
- Attachment B - Experience of Bidder
- Attachment C - Statement of No Bid

The successful bidder must comply with Attachment A. Attachment B is to be completed and returned with your bid. If you choose not to submit a bid on this solicitation please complete and return Attachment C.

#### D. AWARD OR REJECTION OF BIDS

D1. **Award of Contract:** The City of Stuart intends to award the contract to the responsible bidder most responsive to the solicitation with the lowest bid.

D2. **Best Prices:** Award will be made without further negotiation based upon competitive bids; therefore your best price should be submitted in response to this invitation to bid.

D3. **Rejection of Bids:** The City of Stuart reserves the right to reject any or all bids with or without cause when such rejection is in the best interests of the City, in the City's sole determination. The City also reserves the right to reject the bid of a bidder who has previously failed to perform properly or complete on time, contracts of a similar nature or whom investigation shows is not in a position to perform the contract.

D4. **Determining Responsibility:** In determining responsibility, the following qualifications will be considered by the City of Stuart:

- a. The bidder's ability, capacity and skill to perform the contract or provide the service within the time specified.
- b. The reputation, judgment and experience of the bidder.
- c. The quality of performance of previous contracts or services including previous performance with the City.
- d. Previous and existing compliance by the bidder with laws and ordinances relating to the contract or service.
- e. Financial resources of the bidder to perform the contract or provide the service.
- f. Ability to provide future maintenance and service for the use of the subject of the contract.
- g. Whether the bidder is in arrears to the City on a debt or contract or is a defaulter on surety to the City, or whether the bidder's taxes or assessments are delinquent.

E. **SCOPE OF SERVICE/SPECIFICATIONS:** It is the City of Stuart's intent and the purpose of these specifications to secure a qualified firm to furnish all labor, materials, and supplies necessary to provide Residential Grinder Pump Stations for various locations throughout the City, in full accordance with the specifications, terms, and conditions contained in this Invitation to Bid (ITB). The successful vendor will be the exclusive provider for the City of Stuart. The contact person for the City of Stuart after award of a contract will be Dave Peters, Assistant Public Works Director, email: [dpeters@ci.stuart.fl.us](mailto:dpeters@ci.stuart.fl.us), phone: (772) 288-1292.

It is the intention of the City to purchase the goods and/or services as specified herein from a source of supply that will give prompt and efficient service. Failure of a successful Bidder to comply with these conditions may be cause for terminating any resulting agreement immediately upon notice by City.

#### E.1 GENERAL DESCRIPTION

- A.) It is the intent of this standard to specify requirements for simplex residential submersible grinder lift station which will be owned and operated by the City of Stuart Department of Public Works, herein in after referred to as the CITY. Use of such a grinder pumping station will be limited to residential applications whose peak hour flow are equal to or less than 60-gpm and whose individual motor horsepower does not exceed 2.0-hp.
- B.) The Vendor shall be the fabricator/ supplier of the simplex submersible grinder lift station.
- C.) This section includes materials, performance and standards associated with the furnishing of material.

equipment and incidentals to install a simplex grinder pump system as specified herein.

- D.) These specifications are intended to give a general description of what is required to be furnished but do not cover all details which will vary in accordance with the requirements of the equipment application. It is intended to cover the fabrication, assembly, shop testing, and delivery of materials, equipment and appurtenances for a simplex grinder pumping unit as herein specified whether specifically mentioned in these specifications

**E.1.2 DESCRIPTION OF SYSTEM:**

- A.) The pumps shall be of the submersible grinder type. The submersible grinder simplex lift station pump units shall be furnished by the vendor and will be installed by others (the City or City's contractor).
- B.) The pumps shall take suction from the new grinder pump basins with water level variation and pump level settings as shown on the drawings or as specified herein.
- C.) The pumps shall be capable of handling raw, unscreened sewage. The pump shall have a discharge connection which will permit removal of the pump from the basin without the need for personnel to enter the basin.
- D.) Pumps and motors shall be furnished through one vendor. All working parts, such as bearings, wearing rings, shafts, sleeves, motor, etc., shall be of standard dimension built to limit gauges or formed to templates such that parts will be interchangeable between like units and such that the CITY may at any time in the future obtain replacement and repair parts for those furnished in the original machines. All parts shall be properly marked for identification and location in the machines as shown on the Operation and Maintenance Manuals furnished.
- E.) The layout of the pumps has been made using the arrangement and dimensions utilized by one manufacturer, however, these specifications are intended to denote the expected operational capabilities and are not intended to restrict any manufacturer or vendor from bidding an alternative piece of equipment. The selection of the equipment is not limited to the product of one manufacturer. If the equipment provided requires an arrangement of dimensions different from those indicated on the drawings, the equipment supplier shall prepare and submit drawings showing all necessary changes to the City for review. Such changes, including work, accessories, controls, etc. to accommodate the equipment, shall be made with no additional cost to the City. Determination of equivalence is at the sole discretion of City of Stuart personnel.

**E.1.3 QUALIFICATIONS:**

- A.) To assure unity of responsibility, the grinder pump manufacturer shall be responsible for the entire pumping system including pumps, basin (wet well), motors, and float style electrical controls as specified.
- B.) Pumps shall be manufactured in accordance with the Hydraulic Institute Standards.
- C.) All equipment furnished under this specification shall be new and unused and shall be the standard product of the manufacturer.
- D.) The simplex submersible grinder lift station manufacturer shall have a minimum of 5-years experience in the manufacturing of submersible grinder stations. The manufacturer shall submit to the City, as part of their bid submittal, a list of ten (10) similar installations in the continental United States including: location, contact person and phone number, unit size, unit capacity and year installed. All equipment in this section shall be furnished through the manufacturer of the simplex submersible grinder lift station vendor who shall be responsible for the design, shop assembly, delivery and functioning of the

equipment specified. The simplex submersible grinder lift station manufacturer shall verify that each component of the grinder lift station system is compatible with all other components, that piping, conduit, conductor sizes are appropriate and that all devices necessary for proper operation of the equipment have been provided.

**E.1.4 SUBMITTALS:**

A.) A minimum of two (2) copies of all materials required to establish compliance with the specifications shall be submitted:

1. Certified shop and erection drawings showing all important details of construction, dimensions, anchoring system and handling procedure.
2. Descriptive literature, bulletins, and/or catalogs of the equipment.
3. Data on the characteristics and performance of each pump unit. Data shall include certified performance curves, based on actual shop tests of similar units, which show that they meet the specified requirements for head, capacity, efficiency, NPSHR, and horsepower. Curves shall be submitted on 8-1/2-inch by 11-inch sheet. Curves shall be plotted from no flow at shut off head to pump capacity at minimum specified total head. Catalog sheets showing a family of curves will not be acceptable.
4. A complete bill of materials of all equipment including the weights of equipment furnished.
5. A list of the manufacturer's recommended spare parts to be supplied in addition to those specified in this technical specification with the manufacturer's current price for each item. Include gaskets, packing, etc. on the list.
6. Complete motor data.

B.) In the event that it is impossible to conform to certain details of the specifications due to different manufacturing techniques, describe completely all nonconforming aspects.

C.) Upon receipt and review of submitted material, the awarded bidder shall provide the required number of certified prints and one reproducible tracing of all drawings.

D.) The awarded bidder shall submit seven (7) certified copies of all factory pump test data for approval. As a minimum, shop test results shall include the following information:

1. All raw data sheets.
2. Corporation certified test curves showing:
  - a) Hydraulic efficiency.
  - b) Input power KW.
  - c) Wire to water efficiency.
  - d) Brake horsepower.
  - e) Flow vs. head (minimum 8 points).
  - f) Vibrometer Readings.
3. Tested and listed by the National Sanitation Foundation (NSF) or on other testing laboratory under standards promulgated by NSF.

**E.1.5 OPERATING INSTRUCTIONS:**

A.) The awarded bidder shall furnish the Operating and maintenance manuals to the City. The manuals

shall be prepared specifically for the pumping unit assembly. Installation shall include all required cuts, drawings, equipment lists, descriptions, etc. that are required to instruct operation and maintenance personnel unfamiliar with such equipment.

**E.1.6 TOOLS AND SPARE PARTS**

- A.) The awarded bidder shall furnish a complete set of recommended spare parts necessary for the first five (5) years of operation of the pumping system
- B.) Spare parts shall be properly bound and labeled for easy identification without opening the packaging and suitably protected for long term storage.
- C.) The awarded bidder shall furnish the following spare parts for every twenty-five (25) grinder pumping units furnished for the duration of the contract

Spare Parts Schedule

- a.) One (1) Control Panel
- b.) Three (3) Mercury Float Switches Anchor Scientific (120-volt mercury rated contact)
- c.) One (1) grinder pump

**E.1.7 PRODUCT HANDLING:**

- A.) All parts shall be properly protected so that no damage or deterioration will occur from the time of shipment until installation is completed and the units and equipment are ready for operation.
- B.) All equipment and parts shall be properly protected against any damage.
- C.) Factory assembled parts and components shall not be dismantled for shipment unless permission is received in writing from the CITY.
- D.) Finished surfaces of all exposed pump openings shall be protected from damage.
- E.) Finished iron or steel surfaces shall be painted to prevent rust and corrosion.
- F.) After factory pump testing all entrapped water shall be drained prior to shipment, and proper care shall be taken to protect parts from the entrance of water during shipment, storage and handling.
- G.) Each box or package shall be properly marked to show its contents.

**E.1.8 WARRANTY**

- A.) All equipment supplied under this section shall be warranted for a period of two (2) continuous years under the base bid submittal upon receipt of shipping (receipt by CITY). Provide an alternate bid price for five (5) continuous year warranty. Warranty period shall commence on the date of CITY acceptance of shipping receiving date.
- B.) The equipment shall be warranted to be free from defects in workmanship, fabrication and materials. If any part of the equipment should fail during the warranty period, it shall be replaced and the equipment restored to as original service at no expense to the CITY. Repairs shall be warranted for the remainder of the warranty period (prorated). For example, if a pumping unit fails after only 3 years of a 5 year warranty, the repair/replacement pump shall extend through the remainder of the 5 year period therefore 2 years.

E.2 PRODUCTS

E.2.1 GENERAL

A.) The pumping units required under this section shall be complete including pumps and motors with proper alignment and balancing of the individual units. All parts shall be so designed and proportioned as to have liberal strength, stability, and stiffness and to be especially adapted for the service to be performed. Ample room for inspection, repairs and adjustment shall be provided.

B.) Stainless steel nameplates giving the name of the manufacturer, the rated capacity, head, speed and all other pertinent data shall be attached to each pump and motor.

E.2.2 PUMPS

A.) Table Pump Performance and Design Requirements:

1. As a minimum, the following pump performance and design criteria characteristics shall be submitted to the CITY for review and approval:

Description	Design Criteria
Number Required	1
Manufacturer's Name	*
Manufacturer's Model and Series No.	*
Rated Capacity (gpm)	(60 gpm max.)
Total dynamic head at rated capacity (ft)	*
Minimum efficiency at rated point (%)	*
Nominal motor speed at rated point (rpm)	3,600 nominal
Minimum shut-off head (ft)	100-120 ft
Capacity at secondary point (gpm)	*
Total dynamic head at secondary point (ft)	*
Minimum efficiency at secondary point (%)	*
Electrical service characteristics (volt / phase / hertz)	120 volt/1 phase/60 Hz
Motor horsepower (hp) rating	2 horsepower

\*This information shall be provided by the bidder with their bid submittal.

B.) Manufacture:

1. The pumps shall be manufactured by a CITY approved manufacturer meeting the detailed requirements of this specification.
  - a.) ABS Pumps
  - b.) Barnes
  - c.) Delta Environmental
  - d.) Myers Pumps
  - e.) Or approved equal
2. The manufacturer shall assume all costs of patent fees or licenses for the equipment or process and shall safeguard and save harmless the CITY from all damages, judgments, claims and expenses arising from license fees, or claimed infringement of any letters.

patent or patent rights or fees for the use of any equipment or process, structural feature or arrangement of any of the component parts of the installation.

C.) Performance Requirements:

1. When operating at the design output speed, each pump shall have a characteristic performance curve which meets all the minimum conditions listed in Table 15350-1. The pumps and drive motors shall be capable of operating satisfactorily under a full range of conditions. The intermediate pump capacity, head and efficiency shall be the "design point". Pump efficiency as defined herein takes into consideration all losses from the pump intake suction bell to the pump discharge connection.
2. There shall be no significant change in vibration and noise level over the entire listed range of flow for the pumping system.
3. The pump "design speed" shall be the motor output speed when operating at the pump "rated" capacity and head.
4. Minimum motor horsepower shall include a service factor of 1.10. The motor shall be sized to operate the pump without exceeding the rated horsepower of the motor.
5. A certified Hydraulic Institute test curve from an identical pump may be submitted, including head, capacity, brake horsepower, and pump efficiency for each pump type supplied.

D.) Grinder Pump Construction:

1. The pump and motor housing shall be cast iron with all parts coated with a sewage resistant coating. All hardware (nuts, bolts, washers, clamps, etc.) shall be 316 stainless steel. All mating surfaces where watertight sealing is required shall be machined and fitted with gaskets or O-rings.
2. The pump shall be of the centrifugal type with one fixed and one rotating cutter mounted on the pump shaft directly against the impeller. The stationary cutter shall be mounted in an adjustable bottom plate. Both cutters shall be 400-series stainless steel. The bottom plate shall be cast with grooves threading outward from the center opening of the plate to the outer diameter for grit handling. The impeller shall be a vane centrifugal type. The rotating and stationary cutters shall have a minimum Rockwell C hardness of 55 (Brinell 550).
3. The common pump and motor shaft shall be 400-series stainless steel supported by a heavy duty double row ball bearing and an upper sealed single row ball bearing.
4. Each pump shall be equipped with two seals (dual or tandem mechanical seals). The upper and lower shall be of the mechanical type with ceramic and silicon carbide faces. The entire mechanical portion shall be enclosed in a Buna-N boot to prevent solids from collecting in the mechanical portion. The seals shall require neither maintenance nor adjustment and shall be easily replaceable.
5. The seals shall be separated by an oil chamber.
6. Pedestal Base: Pump shall be equipped with an attached pedestal base/base ring. The pump shall be free standing on the floor of the wet well. The pump shall be removable from the basin without the need to neither enter the basin nor remove the pump discharge piping.

7. Lifting Bail/Lug: The pump lifting bail shall be either a precast opening or a 316 stainless steel lift bail/handle.
8. Lifting cable/rope: The pump shall be removable from the wet well/basin by means of the lifting rope. Lifting rope shall be 1/2-inch diameter polyethylene lifting rope.
9. Float Rack: Rack shall be 316 stainless steel with matching stainless steel hardware. Float support pole, if required, shall be PVC schedule 80.
10. Pump motor shall be housed in an air-filled liquid tight casing and shall have minimum Class F insulation with a B temperature rise and windings which shall be moisture resistant. Motor shall be NEMA L for single-phase. Pump motor shall have cooling characteristics suitable to permit continuous operation in a totally, partially and non-submerged condition. Pump motor cables shall be suitable for submersible pump applications and shall be sealed liquid tight. Motor conductors shall be 30-feet minimum in length.

E.) Data Name Plates:

- A.) All data name plates shall be of stainless steel suitably attached to the pump. Data plates shall contain the manufacturer's name, pump size, and type, serial number, speed, impeller diameter, design capacity, head, and other pertinent data.

E.2.3 MERCURY FLOAT SWITCHES

- A.) Float switches shall be mercury type as manufactured by Anchor Scientific (NO OTHER SUBSTITUTION PERMITTED). Mechanical floats will not be permitted. Floats shall be rated at 120-volt. Float leads/conductors shall be 30-feet minimum. Mercury float system and shall be designed to be adjustable to allow for system operating level modifications. Floats shall be provided for the following conditions:
1. Pump Off
  2. Pump On
  3. High Level Alarm

E.2.4 VALVES, PIPING AND FITTINGS

- A.) Check Valve: Check valve shall be internal swing type, Brass or 316 Stainless Steel rated for 150 psi minimum working pressure. Check valve shall be inserted in the discharge line of the pump. End connections for valve shall be threaded. Check valve shall be as manufactured by Flowmatic or approved equal.
- B.) Ball Valve: Ball valve shall be designed to be open by a 90-degree turn (quarter turn) of the operating handle and shall be full port design with bi-directional sealing rated for 150 psi minimum working pressure. Valve handle shall be removable lever action stainless steel. Valve body shall be cast bronze and valve ball shall be stainless steel. Valve packing and seat shall be Teflon. Unless otherwise noted, end connections for valves shall be threaded for 316 stainless steel nipples.
- C.) Pipe & Fittings: Pipe & fittings shall be 316 stainless steel, unless otherwise noted. The pipe shall have end connections to mate with the valve and fittings. Pipe and fittings shall be as manufactured by Merit Brass or approved equal.
- D.) Discharge Riser Pipe: The discharge of the pump shall be 1-1/4" inch diameter fiber reinforced flexible hose rated for 150 psi minimum operating pressure. End connections shall consist of stainless steel serrated nipple secured with stainless steel banding material.

#### E.2.5 BASIN AND ACCESS COVER

- A.) Basin/Wetwell: The wet well basin shall be made of molded polyethylene resin. The basin shall have a minimum wall thickness of 1/4-inch and the basin size shall be as shown on the drawings. The wall thickness of the basin shall be sufficient to withstand a water saturated sand load of 120 pounds per cubic foot (pcf) with a safety factor of 2.0 for all depths. The basin shall be HDPE with a minimum size of 24-inch diameter and depth of 60-inches.
- B.) Basin Cover: The basin cover shall be made of molded reinforced polyethylene and mate to the basin wetwell. The cover shall be capable of supporting a 300 pound per square foot live load. The cover (lid) shall be sealed with a rubber/neoprene gasket and stainless steel bolts and nuts to prevent infiltration of exterior liquids. The lid will be set at a minimum of 4-inches inches above final grade.
- C.) Inlet Connector Hub: The inlet connector hub shall be provided for field installation of a gravity sewer line from the dwelling unit. For the HDPE basin the inlet hub shall be able to be hole sawed in the field and a Buna-N or neoprene grommet provided for the gravity sewer line.
- D.) Outlet Connector Hub: The outlet connector hub shall be installed by the manufacturer for field installation of the low pressure pump discharge main. For HDPE basins the outlet connection shall consist of a pre-molded stainless steel hub assembly with gaskets and stainless steel set screws and hardware. Outlet hub shall be a threaded 1-1/4" diameter outlet connection.
- E.) Vacuum Breaker Assembly: Vacuum breaker assembly shall consist of a PVC threaded fitting, inverted check valve and downturned elbow.
- F.) Anti-floatation Collar: The basin shall be equipped with an integral anti-floatation collar/flange so that the basin shall not float due to uplift forces. Design calculations for up lift forces shall assume groundwater located at the top of the wetwell.
- G.) Wetwell Ventilation: Penetrations for the purpose of venting will not be permitted. The plumbing connection to the upstream dwelling unit shall be provided.
- H.) Conduit Connector Hub: The conduit hub shall be installed by the manufacturer. The hub shall consist of a pre-molded PVC assembly with gaskets and stainless-steel set screws and hardware. The hub shall be threaded 2-inch NPT.

#### E.2.6 PUMP CONTROL SYSTEM

- A.) Control Panel shall be supplied by the pump manufacturer. Control panels and components shall be U.L. listed, labeled and be fabricated in accordance with U.L. 508. Control panels shall be of the component, solid state type. Printed circuit boards will not be accepted. Panels shall be equipped with a dead front panel for operator safety, with both audible and visible alarms with a "Silence" button feature. Panel shall be NEMA 4X rated.
- B.) Manufacturer shall supply and attach electrical control panel schematic to inside face of control panel door, and a weather proof sticker with emergency service and maintenance interruption in accordance with Florida Department of Environmental Protection requirements on outside cover of panel.
- C.) **PANEL SHALL BE COMPONENT TYPE. INTEGRAL CIRCUIT BOARD PANELS WILL NOT BE ACCEPTED.**
- D.) Panel Dimension shall be 14-inch wide by 14-inch high (nominal).

- E.) A pump controller shall be provided for each grinder pump unit. The controller shall automatically start and stop pump(s).
- F.) The pump controller shall be the standard system of the manufacturer as modified for this application.
- G.) The pump controller shall be located and mounted as described in the Lift Station Details. The exact location and type of mounting of the pump controller will be determined in the field by the CITY.
- H.) No junction box shall be used to connect the pump and control floats to the control panel. The pump and control floats connection shall be made in the control panel.
- I.) A terminal strip shall be supplied to make all power and control connections for the pumps. All terminals shall be marked for easy identification. A ground terminal strip shall also be provided.
- J.) Audible alarm annunciator shall be located on the side or bottom of the panel.
- K.) Alarm visual indicator (solid red color) shall be located on the top or upper side of the panel.
- L.) Generator Receptacle: Generator receptacle shall be external mounted, located in a weatherproof enclosure on the side of the panel. The receptacle shall be as manufactured by Hubbell and rated for 30-amp for a twist cord. Generator Receptacle: Control Panels shall be equipped with, weatherproof generator receptacles in approved Nema 4X enclosures. Simplex station generator receptacle shall be 30 AMP 3 pole twist lock 2713 Leviton or approved equal.

### E.3 EXECUTION

#### E.3.1 GENERAL

- A.) Before exposure to weather and prior to shop painting, all surfaces shall be thoroughly cleaned, dry and free from all mill-scale, rust, grease, dirt and other foreign matter. All pumps and motors shall be shop coated and finished painted with two coat epoxy or enamel paint.
- B.) Should any item of equipment fail to meet the specifications, corrective measures shall be taken by the manufacturer or the item shall be removed and replaced with one which satisfies the conditions specified.

#### E.3.2 SUBMITTALS

- A.) The manufacturer shall supply the following information at the time of shipment:
  - a.) Typical installation guides
  - b.) Operation and maintenance instruction manuals
  - c.) Parts lists

#### E.4 Cost Adjustments:

- A.) Prices are to remain firm for the initial term of the contract. Prices offered and accepted by the City may be subject to adjustment for extension terms only. Such adjustments shall be by mutual agreement between the City and the Contractor and may include additional considerations including, but not necessarily limited to the latest yearly percentage increase or decrease in the Producer Price Index (PPI) as published by the Bureau of Labor Statistics, U.S. Department of Labor.
- B.) The yearly increase or decrease in the PPI shall be the latest index published and available ninety (90) days prior to the expiration date of the current contract year then in effect, compared to the index for the

comparable month one year prior. Any requested retail sales price or commission fee adjustments shall be fully documented and submitted to the City at least thirty (30) days prior to the contract anniversary date.

- C.) Any approved adjustments shall become effective upon the anniversary date of the contract, or on a date mutually agreed to between the City and the Contractor. The City may, after examination, refuse to accept the adjustments if they are not properly documented or are considered by the City to be insufficient or excessive. In the event that the matter cannot be resolved to the satisfaction of the City, the contract can be canceled by the City after giving thirty (30) days written notice to the Contractor.

**F. Bid Schedule**

F.1 In accordance with the terms, conditions and specifications, the undersigned bidder hereby submits the following prices for supplying The City of Stuart with the goods and/or services described in ITB #2012-268.

Item #	Item Description	Qty	Unit Cost
1	Residential <b>Grinder</b> Pump System	each	\$
2	Continuous Two-year Warrantee for Residential Grinder Pump Station	each	\$
<b>BASE BID TOTAL FOR RESIDENTIAL GRINDER PUMP SYSTEM (Add Cost for Item #1 and #2)</b>			\$
<b>ALTERNATE BID PRICE</b>			
3	Continuous Five-year Warrantee for Residential Grinder Pump Station	each	\$
<b>ALTERNATE BID TOTAL FOR RESIDENTIAL GRINDER PUMP SYSTEM (Add Cost for Item #1 and #3)</b>			\$

**F.2 Product Offered Complies/Exception Checklist**

- A.) Performance Requirements: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- B.) Grinder Pump Construction: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- C.) Data Name Plates: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- D.) Mercury Float Switches: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- E.) Valves, Piping and Fittings: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- F.) Basin and Access Cover: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- G.) Pump Control System: Product Offered: Complies or Exception (C or E) \_\_\_\_\_
- H.) Pump Control Panel: Product Offered: Complies or Exception (C or E) \_\_\_\_\_

F.3 Discount offered for prompt payment \_\_\_\_\_%, \_\_\_\_\_ days. Discounts for prompt payment of 30 days or longer will be considered in the evaluation of proposals.

The bidder certifies that as a condition of bidding he will hold good his bid prices for a minimum period of sixty (60) calendar days from the date bids are opened.

_____	_____
Firm Name	Date
_____	_____
Authorized Signature (Manual)	Telephone Number
_____	_____
Name/Title (Please Type/Print)	Facsimile Number

ATTACHMENT A

INSURANCE REQUIREMENTS

1. The successful bidder shall not commence any work in connection with this agreement until it has obtained all of the following types of insurance and the City has approved such insurance. Nor shall the successful bidder allow any subcontractor to commence work on its subcontract until all similar insurance required of the subcontractor has been so obtained and approved. All insurance policies shall be with insurers licensed and authorized to do business in the State of Florida. The successful bidder shall maintain required insurance coverage for the full term of this agreement or for such longer periods as may be specifically required herein. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida and rated no less than "A" as to rating and no less than Class "VIII" as to financial size category with the A.M. Best Company Insurance Guide, or its equivalent as determined by the City in its sole discretion.
2. Loss Deductible Clause: The City shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Contractor and/or subcontractor providing such insurance.  
  
(1) Each required policy listed below must be specifically endorsed to grant the City of Stuart the same notification rights that it provides to the first named insured as respects cancellation and nonrenewal.
3. Worker's Compensation Insurance: The Contractor/Lessee/Service Provider and any subcontractors utilized shall maintain during the life of this Agreement, Worker's Compensation Insurance for all of its employees connected with the work of this project that complies fully with the State of Florida Worker's Compensation Law, SS 440. Employers Liability must be included with limits of at least \$100,000 each accident, \$100,000 each disease/employee and \$500,000 each disease/maximum.
4. General Liability: The Contractor/Lessee/Service Provider shall, during the life of this agreement take out and maintain broad form Commercial General Liability [including coverage for premises/operations; personal and advertising injury; products/completed operations; and fire damage legal and medical expense. Policy must provide limits of liability of no less than \$2,000,000.00 each occurrence subject to a \$4,000,000.00 Aggregate limit to apply on a per project basis relative to any agreement resulting from this Invitation to Bid with the City of Stuart. This may be satisfied with an Umbrella Liability policy in excess of the standard primary \$1,000,000 each occurrence limit (which must be following form to primary). Defense costs are to be in addition to the limit of liability. Coverage shall respond as primary. Coverage for the hazards of explosion, collapse and underground property (XCU) must also be included. Coverage should extend to independent contractors and fellow employees. Contractual liability is to be included to respond to the contractually assumed liabilities under this agreement. Coverage is to include a cross liability or severability of interest provision as provided under the standard ISO Form Separation of Insureds clause. An additional insured endorsement must be provided including coverage for completed operation (should be ISO CG20101185 or CG20371001 & CG20100704).
5. Environmental Impairment Liability: This section not used.
6. Business Automobile: The Contractor/Lessee/Service Provider shall during the life of this agreement take out and maintain Business Automobile Liability form with coverage for symbol 1 (any auto), to include an extension for Pollution Liability, with limits of not less than \$1,000,000.00 combined single. Coverage is to extend to all hired and non owned autos. This may be satisfied with an Umbrella Liability policy in excess of the standard primary \$1,000,000 limit (which must be following form to primary).
7. Professional Liability: This section not used.

8. Certificates of Insurance: The Contractor/Lessee/Service Provider, upon notice of award, will furnish Certificate of Insurance Forms. These shall be completed by the authorized Resident Agent and returned to the Purchasing Office. This certificate shall be dated and show:

(1) The name of the insured contractor, the specified job by name and job number, the name of insurer, the number of the policy, its effective date, and its termination date.

(2) City shall be named as additional named insured on General Liability Insurance and Automobile Liability Insurance.

(3) The Contractor shall provide a waiver of subrogation for GL, Auto & Workers Compensation.

NOTE: The City can decrease or increase these limits, depending on the project, in its sole discretion.

**ATTACHMENT B**  
Experience of Bidder

The bidder shall complete the following blanks regarding experience in this particular project work. Bidder must demonstrate ability to deliver contracts of similar complexity, nature, and size of this project.

**References**

#1	Agency	
	Address	
	City, State, ZIP	
	Contact Person	
	Telephone	
	Date(s) of Contract	
	Dollar Value of Contract	
#2	Agency	
	Address	
	City, State, ZIP	
	Contact Person	
	Telephone	
	Date(s) of Contract	
	Dollar Value of Contract	
#3	Agency	
	Address	
	City, State, ZIP	
	Contact Person	
	Telephone	
	Date(s) of Contract	
	Dollar Value of Contract	

Have you any similar work in progress at this time?      Yes / No

Length of time in business: \_\_\_\_\_ years.

ATTACHMENT C

Statement of  
"No Bid"

If you do not intend to bid on this requirement, please complete and return this form prior to date shown for receipt of bids to: The City of Stuart Purchasing Office, 300 S.W. St. Lucie Avenue, Stuart, Florida 34994.

We have declined to bid on Bid #2012-268 for the following reasons.

- Specifications too "restrictive", i.e., geared toward one brand or manufacturer (please explain below)
- Insufficient time to respond to Invitation to Bid.
- We do not offer this product or equivalent.
- Our project schedule would not permit us to perform.
- Unable to meet specifications.
- Unable to meet bond requirements.
- Specifications unclear (please explain below).
- Other (please specify below).

REMARKS: \_\_\_\_\_

We understand that if the "NO BID" letter is not executed and returned, our name may be deleted from the list of qualified bidders for the City of Stuart for future projects.

\_\_\_\_\_  
Typed Name and Title

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Address

\_\_\_\_\_  
Signature and Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Purchasing Division

Rebecca S. Belevy, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbelevy@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: January 27, 2012

To: All Prospective Bidders

Subject: Addendum #1 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

## Revisions, Clarifications, Corrections

- 1. Question:** E.1.6.C (p. 11/22) addresses the requirement for one control panel, three floats, and one spare pump to be furnished for every 25 grinder pumping units furnished and vet F. Bid Schedule (p. 18/22) is for unit pricing. How are we to offer pricing – are we to add 1/25<sup>th</sup> the cost of one panel, three floats and one spare pump to the bid for one pump?

**Answer:** The City will order twenty-five units at a time and anticipates purchasing three-hundred fifty units during the initial two year contract period.
- 2. Question:** E.2.2.A (p. 12/22) notes that the electrical service characteristics are 120V/1ph/60hz for a 2hp grinder pump. To the best of our knowledge, none of the manufacturers named in E.2.2.B (p. 12/22) offer a 2hp centrifugal grinder pump that will operate on a 120V/1phase system voltage. Typically, we expect a minimum of a 240V/1phase power supply for our 2hp grinders; will a 240V/1phase power supply be available?

**Answer:** The electrical service characteristics are **HEREBY AMENDED TO READ 230 volt, single phase, 60Hz power source.**
- 3. Question:** E.2.2.C.1 (p. 13/22) references minimum conditions that are to be met in Table 15350-1 which is not to be found in the bid package. Additionally E.2.2.C.2 (p. 13/22) and E.2.2.C.3 (p. 13/22) refer to the same table. Please clarify.

**Answer:** The table under E.2.2.A, 1, page 12 of 22 is the table that the City expects the vendor to complete and submit with their bid.
- 4. Question:** E.2.2.D.6 (p. 13/22) requires that a pedestal base/base ring be supplied so that the pump can be removed from the basin without the need to enter the basin or remove the discharge piping. E.2.4.D (p. 14/22) describes the use of flexible hose as discharge piping. It is not clear whether a rail system is to be furnished or whether the hose has a quick disconnect fitting, etc. Would it be possible to provide a simple section view of the pump station with discharge piping as described for clarification?

**Answer:** A pedestal base is required. The section view is as noted for a Delta Environmental DGF12-LPS. A rail system is not required, a flexible hose connects to the pump discharge with a male adaptor and then connects to the easy slip connection with check valve, as noted in the specifications for a Delta Environmental DGF12 Grinder System.

5. Question: E.2.2.D.10 (p. 14/22) describes the pump motor housing as air-filled. Again, to the best of our knowledge, at least three of the manufacturers named in E.2.2.B (p. 12/22) have standardized on oil-filled motor housings. Will this construction be acceptable?

Answer: Yes, oil-filled motor housing construction is acceptable to the City.

6. Question: E.2.5.A (p. 15/22) describes the basin materials as molded polyethylene resin and HDPE later in the paragraph. We presume that HDPE is the required material for the basin, please clarify. Additionally, the minimum size basin requirement is 24" x 60" with a requirement in E.2.5.F (p. 15/22) for an anti-flotation collar. We have not been able to locate a vendor for the basin as described, would it be possible to provide the name and location of the manufacturer that was used for the design basis?

Answer: Yes, please refer to the Delta Environmental DGF12-LPS system.

7. Question: E.2.6.E, E.2.6.F, E.2.6.G (p.16/22) references a pump controller, please clarify.

Answer: The pump controller referenced is the control panel with the mercury float switches for automatic start, stop, and high level.

8. Question: F Bid Schedule (p.18/22) implies that a single pump system is being offered and yet we are aware that several thousand of these packages will be procured over time. We believe it is in the best interest of The City of Stuart to entertain quantity pricing in order to arrive at the best possible price levels. Our experience in Port St. Lucie taught us that, while initially the purchases were a few at a time, at some point truckloads at a time were being delivered. We recommend that you consider requesting prices on interval quantities (e.g. 1, 10, 25, 100, 500) to take advantage of volume discounts that are offered by the various vendors, and more importantly, freight companies. Additionally, it is difficult for us to place a responsible bid, giving consideration to C3 (p. 6/23), without having an idea of the volume of product required within a given time frame.

Answer: The City will order twenty-five units at a time and anticipates purchasing three-hundred fifty units during the initial two year contract period (one-hundred fifty units are projected for the 1<sup>st</sup> year and two-hundred for the 2<sup>nd</sup> year).

All other terms and conditions remain unchanged.

END OF ADDENDUM NO. 1

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Respectfully,

Rebecca S. Beglev, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #1 to ITB #2012-268:

\_\_\_\_\_  
Signature Firm Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Purchasing Division

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbeglev@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: February 7, 2012

To: All Prospective Bidders

Subject: Addendum #2 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

I. Question: Item #C10 on page 7 calls out the need for a bid bond valued at 10% of the total amount of the bid, but only if the bid totals over \$25k annually. The potential for year #1 is 150 units, but the bid is being submitted as a "per unit" price. We have no guarantee that the annual purchases will total over \$25k. I'm not sure how to interpret this and did not want to make any assumptions. Would you please clarify?

Answer: The City anticipates purchasing one-hundred fifty (150) units during the first year of the contract so the 10% Bid Bond amount should be based on the Unit Bid Price x 150 units. The City cannot guarantee that a specific amount of units shall be purchased. The purpose of the Bid Bond is to ensure that the awarded bidder will honor their bid and sign the contract with the City, it is NOT a performance and/or payment bond. Once the contract is executed, the Bid Bond is returned.

All other terms and conditions remain unchanged.

END OF ADDENDUM NO. 2

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Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #2 to ITB #2012-268:

\_\_\_\_\_  
Signature Firm Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Purchasing Division

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbegley@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: February 10, 2012

To: All Prospective Bidders

Subject: Addendum #3 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

2. Question: E.1.4.D-2 references certified test curves. Individual testing of each pump would add substantial cost to the bid (+/- 50%) and is not customary for pumps of this size and type. Would you please clarify?

Answer: The City requires that a Certified Test curves for the model pump included in their bid, attest is not required for each individual pump.

3. Question: E.2.2.D-4 refers to ceramic and silicon carbide seal faces. The pump seals in the Delta DGF-12 system are ceramic and carbon. Would you please clarify?

Answer: The City will accept ceramic and carbon pumps seal faces, the City understands that other manufacturers may submit differently.

All other terms and conditions remain unchanged.

END OF ADDENDUM NO. 3

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Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #3 to ITB #2012-268:

Signature \_\_\_\_\_ Firm \_\_\_\_\_ Date \_\_\_\_\_

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# City of Stuart

121 S.W. Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services  
Purchasing Division

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbegley@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

## INVITATION TO BID

**FOR: RESIDENTIAL GRINDER PUMP SYSTEM**

**DATE:** January 23, 2012

**DEPT:** Public Works

**BID NUMBER:** #2012-268

### THIS IS NOT AN ORDER

Bids will be opened and publicly read aloud by the City in the City Hall Annex, 300 S.W. St. Lucie Avenue, Stuart, Florida at 2:30 pm on Wednesday, **FEBRUARY 22, 2012**. Bids must be SUBMITTED ON THE FORM FURNISHED BY THE CITY and in accordance with specifications and list of quantities desired.

Please attach this completed form as the top sheet for all bids submitted. Bid bonds, if required, may be in the form of a Surety Bond, Cashier's Check or Certified Check (checks payable to: The City of Stuart).

**Bidder's Name** WATER RESOURCE TECHNOLOGIES FLORIDA LLC

**Street Address** 11221 ST. JOHNS INDUSTRIAL PARKWAY NORTH

**City, State, Zip** JACKSONVILLE FL 32246

**Total Amount of Bid** \$ 2595.00 (BASE BID UNIT COST)

It is the intent and purpose of the City of Stuart that this Invitation to Bid promotes competitive bidding. It shall be the bidder's responsibility to advise the Purchasing Division if any language, requirements, etc., or any combination thereof, inadvertently restricts or limits the requirements stated in this Invitation to Bid to a single source. Such notification must be submitted in writing and must be received by the Purchasing Division not later than ten (10) days prior to the bid opening date.

#### ADDRESS BIDS TO:

**By Mail:**  
Purchasing Division  
City of Stuart  
121 S.W. Flagler Avenue  
Stuart, Florida 34994

or

**By Hand Delivery:**  
Purchasing Division  
City Hall Annex  
300 S.W. St. Lucie Avenue  
Stuart, Florida 34994

**Mark outside of envelope: ITB #2012-268 "Residential Grinder Pump System"**

**A2 BID SIGNATURE SECTION**

A2.1 This sheet must be signed by a person authorized to contractually bind your firm and returned with your bid. Failure to comply will result in disqualification of submittal.

A2.2 Delivery shall be a factor in award. Failure to perform within delivery deadline(s) set forth in the specifications or any other contract document shall constitute default.

A2.3 The City reserves the right to award any agreement resulting from this solicitation in accordance with unit prices bid unless the bidder qualifies the bid with specific limitation.

A2.4 The City reserves the right to reject any or all bids, without recourse, to waive technicalities or to accept the bid which in its sole judgment best serves the interest of the City. Cost of submittal of this bid is considered an operational cost of the bidder and shall not be passed on to or be borne by the City.

A2.5 Goods, services, supplies or equipment covered in the specifications shall be delivered F.O.B. Destination.

A2.6 The City may accept any item or group of items on any bid unless the offeror qualifies his bid by specific limitations.

A2.7 Bidders are requested not to contact the City Commission, requesting/evaluating Departments or Divisions after bids are opened. Any questions from bidders or evaluating Departments or Divisions will be answered through the Purchasing Division Office.

A2.8 If not bidding any or all items, please so state.

A2.9 Unit prices will govern in the event both unit and total prices are requested in the solicitation and the unit price carried forward does not mathematically result in the correct total price for that item.

A2.10 Failure to comply with these instructions may result in disqualification of your bid.

A2.11 The undersigned bidder hereby certifies that he has received the Addenda listed below and has incorporated them into the Bid. Failure to acknowledge any and all addenda may render the bid non-responsive and subject to no further evaluation.

A2.12 The undersigned bidder hereby certifies that he has read and understands the requirements of this Invitation to Bid (ITB) and that he, as the respondent, will comply with all requirements, and that he is duly authorized to execute this bid/offer document and any contract(s) and/or other transactions required by award of this ITB.

Addendum # 1 THROUGH Addendum # 3 BIDDER'S INITIALS VMS

WATER RESOURCE TECHNOLOGIES FLORIDA LLC 2/20/2012  
Firm Name Date  
*Victoria M. Schardt* (401) 718-5507  
Authorized Signature (Manual) Telephone Number  
VICTORIA M. SCHARDT/VP SALES (904) 928-0790  
Name/Title (Please Type/Print) Facsimile Number

**E.2 PRODUCTS**

**E.2.1 GENERAL**

- A.) The pumping units required under this section shall be complete including pumps and motors with proper alignment and balancing of the individual units. All parts shall be so designed and proportioned as to have liberal strength, stability, and stiffness and to be especially adapted for the service to be performed. Ample room for inspection, repairs and adjustment shall be provided.
- B.) Stainless steel nameplates giving the name of the manufacturer, the rated capacity, head, speed and all other pertinent data shall be attached to each pump and motor.

**E.2.2 PUMPS**

**A.) Table Pump Performance and Design Requirements:**

- 1. As a minimum, the following pump performance and design criteria characteristics shall be submitted to the CITY for review and approval:

Description	Design Criteria
Number Required	1
Manufacturer's Name	* GROUNDSPUMPS
Manufacturer's Model and Series No.	* 1G051G1ADL
Rated Capacity (gpm)	(60 gpm max.)
Total dynamic head at rated capacity (ft)	* 60 FT (At 40GPM)
Minimum efficiency at rated point (%)	* 79%
Nominal motor speed at rated point (rpm)	3,600 nominal
Minimum shut-off head (ft)	100-120 ft
Capacity at secondary point (gpm)	* 25 GPM
Total dynamic head at secondary point (ft)	* 86 FT
Minimum efficiency at secondary point (%)	* 79%
Electrical service characteristics (volt / phase / hertz)	230 <del>240</del> volt/1 phase/60 Hz
Motor horsepower (hp) rating	2 horsepower

\*This information shall be provided by the bidder with their bid submittal.

**B.) Manufacture:**

- 1. The pumps shall be manufactured by a CITY approved manufacturer meeting the detailed requirements of this specification.
  - a.) ABS Pumps
  - b.) Barnes
  - c.) Delta Environmental
  - d.) Myers Pumps
  - e.) Or approved equal
- 2. The manufacturer shall assume all costs of patent fees or licenses for the equipment or process and shall safeguard and save harmless the CITY from all damages, judgments, claims and expenses arising from license fees, or claimed infringement of any letters.

**F. Bid Schedule**

F.1 In accordance with the terms, conditions and specifications, the undersigned bidder hereby submits the following prices for supplying The City of Stuart with the goods and/or services described in ITB #2012-268.

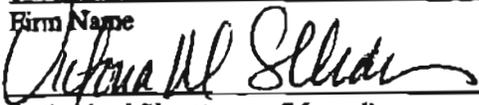
Item #	Item Description	Qty	Unit Cost
1	Residential Grinder Pump System	each	\$ 2595.00
2	Continuous Two-year Warrantee for Residential Grinder Pump Station	each	\$ 0.00
<b>BASE BID TOTAL FOR RESIDENTIAL GRINDER PUMP SYSTEM (Add Cost for Item #1 and #2)</b>			<b>\$ 2595.00</b>
<b>ALTERNATE BID PRICE</b>			
3	Continuous Five-year Warrantee for Residential Grinder Pump Station	each	\$ 360.00
<b>ALTERNATE BID TOTAL FOR RESIDENTIAL GRINDER PUMP SYSTEM (Add Cost for Item #1 and #3)</b>			<b>\$ 2955.00</b>

**F.2 Product Offered Complies/Exception Checklist**

- A.) Performance Requirements: Product Offered: Complies or Exception (C or E) E CERTIFIED TEST SERVICE FACTOR
- B.) Grinder Pump Construction: Product Offered: Complies or Exception (C or E) E PEDESTAL BASE
- C.) Data Name Plates: Product Offered: Complies or Exception (C or E) C
- D.) Mercury Float Switches: Product Offered: Complies or Exception (C or E) C
- E.) Valves, Piping and Fittings: Product Offered: Complies or Exception (C or E) C
- F.) Basin and Access Cover: Product Offered: Complies or Exception (C or E) C
- G.) Pump Control System: Product Offered: Complies or Exception (C or E) C
- H.) Pump Control Panel: Product Offered: Complies or Exception (C or E) C

F.3 Discount offered for prompt payment 1 %, 10<sup>th</sup> Net 30 days. Discounts for prompt payment of 30 days or longer will be considered in the evaluation of proposals.

The bidder certifies that as a condition of bidding he will hold good his bid prices for a minimum period of sixty (60) calendar days from the date bids are opened.

WATER RESOURCE TECHNOLOGIES FLORIDA LLC 2/20/2012  
 Firm Name Date  
 (407) 718-5507  
 Authorized Signature (Manual) Telephone Number  
VICTORIA M. SCHMIDT / VP SALES (904) 928-0790  
 Name/Title (Please Type/Print) Facsimile Number



## **Table of Contents**

### **Invitation to Bid**

Bid cover page

Bid signature section (A2, page 3)

Table Pump Performance and Design Requirements (E.2.2)

Bid Schedule (Section F, page 18)

Attachment B (Experience of Bidder)

Introduction to WRT letter

### **E.1.3 Qualifications**

List of similar installations

References

### **E.1.4.A Submittals**

Shop drawings

Descriptive literature

Pump Performance Curve

Bill-of-Materials (Including weights)

List of manufacturer's recommended spares

Complete motor data

### **Addendums**

Exceptions to specifications

Bid bond

**ATTACHMENT B**  
Experience of Bidder

The bidder shall complete the following blanks regarding experience in this particular project work. Bidder must demonstrate ability to deliver contracts of similar complexity, nature, and size of this project.

**References**

#1	Agency	CITY OF MARATHON FL / GRASSY KEY PROJECT
	Address	10045-55 OVERSEAS HIGHWAY
	City, State, ZIP	MARATHON FL 33050 (SUSIE THOMAS (305) 289-4103)
	Contact Person	DAN SAUS (WEILER ENGINEERING)
	Telephone	(305) 289-4161 OR (305) 797-6448 Cell
	Date(s) of Contract	NOVEMBER 2010 - PRESENT (PENDING STARTUPS)
	Dollar Value of Contract	\$ 1.2M
#2	Agency	CITY OF HIGH SPRINGS FL
	Address	25555 NW 158TH AVE
	City, State, ZIP	HIGH SPRINGS FL 32643
	Contact Person	MATT HAMMOND (JONES EDMUNDS ENGINEERING)
	Telephone	(352) 377-5821 X-1444
	Date(s) of Contract	JULY 2009
	Dollar Value of Contract	APPROX \$864,000
#3	Agency	CITY OF BUSHNELL FL PHASE II - IV
	Address	219 N. MARKET ST
	City, State, ZIP	BUSHNELL FL 33513
	Contact Person	BRUCE HICKLE, DIRECTOR OF UTILITIES
	Telephone	(352) 793-8012
	Date(s) of Contract	OCT 2008 - PRESENT
	Dollar Value of Contract	APPROX \$ 330,000

Have you any similar work in progress at this time?  Yes  No

Length of time in business: 5 1/2 years.

**Water  
ReSource  
Technologies**

*Protecting our groundwater*

11221 St. Johns Industrial Parkway N.  
Jacksonville, FL 32246  
Voice 904.928.0700 Fax 904.928.0790  
Toll Free 877.978.4286  
Email wrt@wrtlk.com

February 20, 2012

City of Stuart  
300 SW St Lucie Avenue  
Stuart FL 34994  
Attn: Mr. David Peters

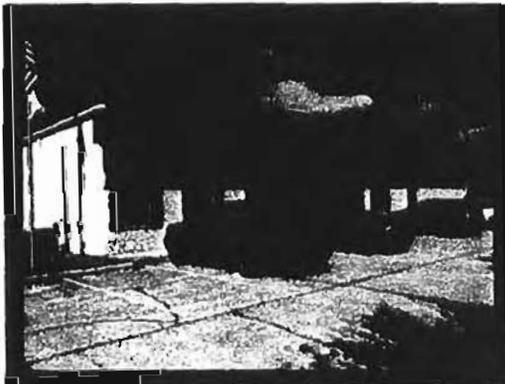
RE: ITB# 2012-268  
Experience of the Bidder

Mr. Peters:

Water Resource Technologies is the designer, supplier and service entity for Low-Pressure sewer systems in five (5) states, including Florida, Georgia, New York, New Jersey and Connecticut. Combined, our employees have over 150 years of experience in the Low-pressure sewer industry. Water Resource Technologies takes great pride in the servicing of our customers, the products we sell, our capabilities and employees.

Facilities

We have an 18,000 square foot distribution facility in Jacksonville. Water Resource Technologies has a complete inventory of pumps and repair parts in stock in our Florida service facilities (Jacksonville, Tavares, Ft. Myers, and St. Marks).



Service

Water Resource Technologies was built around the principal of 24/7 service of every item we sell. In addition to our trained service staff, our sales force is factory certified to service the pumps we sell. We are on call and available 24 hours a day, 7 days a week, 365 days a year. WRT is always available to assist our customers with service, training and field troubleshooting.



Pump Repair

As Water Resource Technologies is a factory-certified repair center, we handle all factory warranties in-house. Pumps are repaired, not simply replaced. Furthermore, our field service technicians are always available to help diagnose root cause problems in the field. For us, it is about taking care of our customers, and ensuring that you have a system that is efficient, effective and easy to maintain.



Start-Up

In addition to proving service, we offer start-up service on each and every pump station we sell. Each start-up is logged in our database for future reference and ease of service. This start-up service includes checking of installation against factory recommended procedures, voltage & amp readings, power & control cable insulation. In addition our system logs the GPS coordinates of the installation and has the ability to record photographs.



In addition to pump service, we are always available for sizing and application assistance, product sales and after sales support on all low pressure sewer products. Being your Solutions Provider by supplying a system that meets your needs is our #1 objective.

Regards,

Handwritten signature of Mark Alexander

Mark Alexander  
President  
Water Resource Technologies, LLC



11221 St Johns Industrial Pkwy N  
Jacksonville, FL 32246  
Voice 407.718.5507 Fax 904.928.0790  
Toll Free 877.978.4286  
vschmidt@wrtllc.com

### List of similar installations

	<b>Location</b>	<b>Contact person</b>	<b>Phone number</b>	<b>Unit size</b>	<b>Unit capacity</b>	<b>Year installed</b>
1	Ledgewood NJ	Parkhurst Distributing Koberlein Septic and Environmental/Mike	973-584-6000	Distributor	Unknown	Various
2	Honesdale, PA	Sprague Keith Gay/AAG Electric	570-493-5120	Distributor	Unknown	Various
3	Panama City FL	Motors & Pumps	850-763-9386	Distributor	Unknown	Various

**Note:**

Due to the fact that Goulds Pumps' products are sold solely through a distributor channel, we do not have access to a list of similar municipal installations. Some distributors do not wish to disclose information containing customer data. We have included here the names of a few distributors which have installed many of Goulds Pumps model 1GD.

Water  
ReSource  
Technologies

Protecting our groundwater



## List of WRT References

---

*Taylor Coastal Water & Sewer District*

Utility Manager: Diane Carlton  
(P) 850-578-3043

*City of Carrabelle*  
Keith Mock  
(P) 850-697-3618

*St. Johns River Utilities*  
Utility Director: Randy Meyers  
(P) 352-759-3122

*City of High Springs*  
Utility Director: JC or Ginger  
(P) 386-454-7907

*City of Dunnellon*  
Utility Director: Richard Grabbe  
(P) 352-465-8590

*City of Bushnell*  
Utility Director: Bruce Hickie  
(P) 352-793-8012

*Glades Utility Authority*  
Jim Stiles  
561-993-2602  
Project: Canal Point

*Seminole Indian Tribe of Florida*  
Utility Director: Donnie Walker or Emran  
Rahaman  
(P) 954-894-1060

*Big Bend Water Authority*  
General Manager: Stephen Hollowell  
(P) 352-498-3576

*City of Perry*  
Public Works Director: Barney Johnson  
(P) 850-584-7490

*City of St Marks*  
City Manager, Zoe Mansfield  
(P) 850-925-6224

*Key Largo Wastewater Treatment Dist.*  
Greg Matthews  
(P) 305-451-4019



11221 St Johns Industrial Pkwy N  
Jacksonville, FL 32246  
Voice 407.718.5507 Fax 904.928.0790  
Toll Free 877.978.4286  
vschmidt@wrtllc.com

## City of Stuart

### ITB# 2012-268 Residential Grinder Pump System

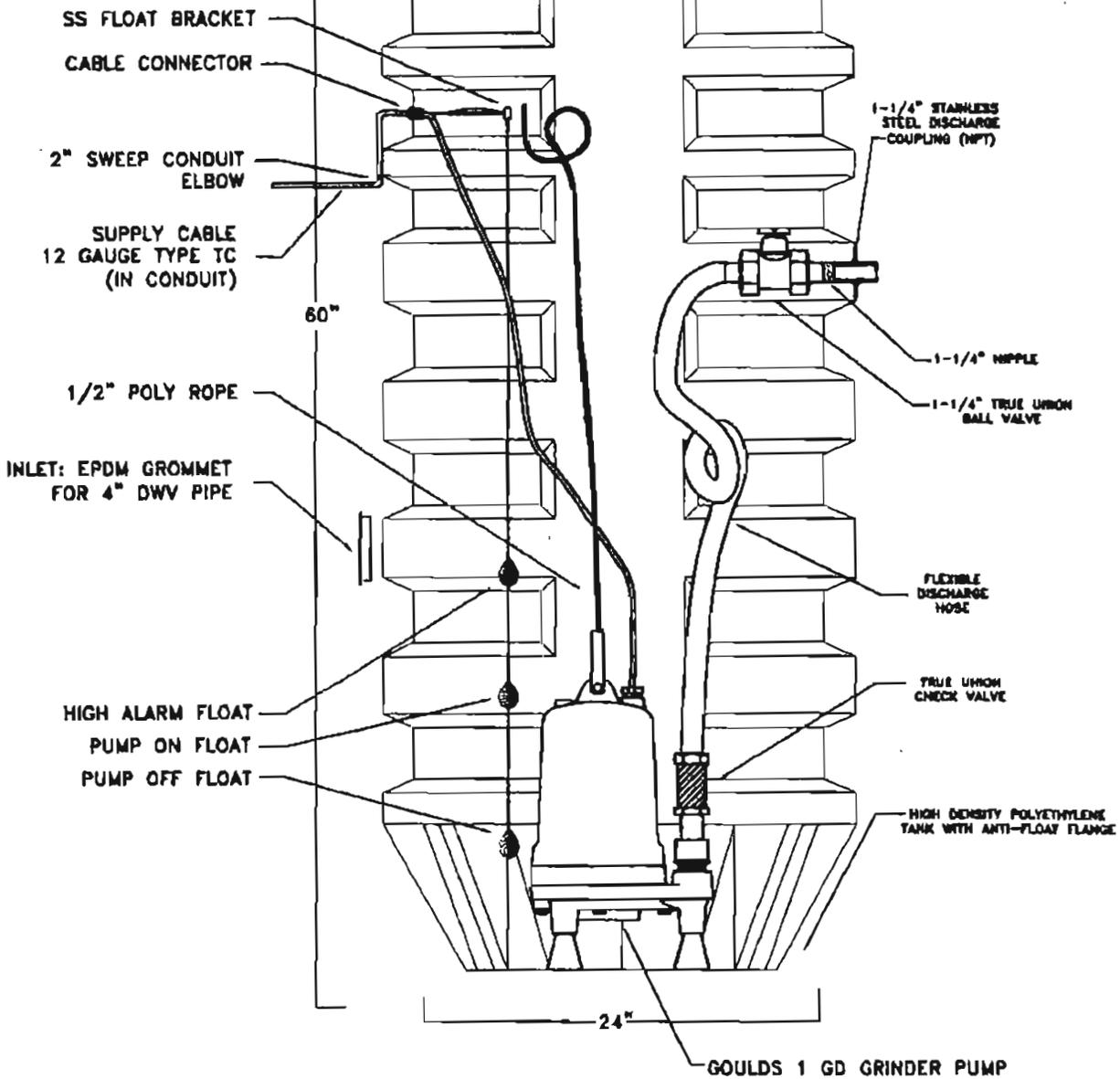
#### Submittals E.1.4.A

1. Shop drawings
2. Descriptive literature
3. Pump performance curve
4. Bill-of-materials (including weights)
5. List of Manufacturer's recommended spare parts
6. Complete motor data

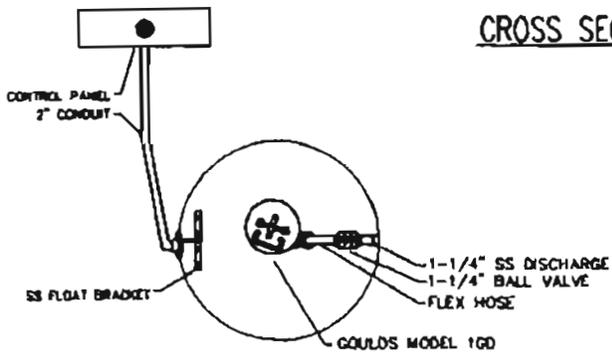
WRT  
HDPE  
SIMPLEX  
STATION

SOLID HIGH DENSITY POLYETHYLENE COVER  
(6 BOLTS)

GRADE



CROSS SECTION PUMP STATION



PLAN VIEW

BDS		02/20/2012		NTS
DR BY	CHK'D	DATE	ISSUE	SCALE

CITY OF STUART ITB#2012-268  
RESIDENTIAL GRINDER PUMP SYSTEM

PART/PRINT #:  
AKP20020

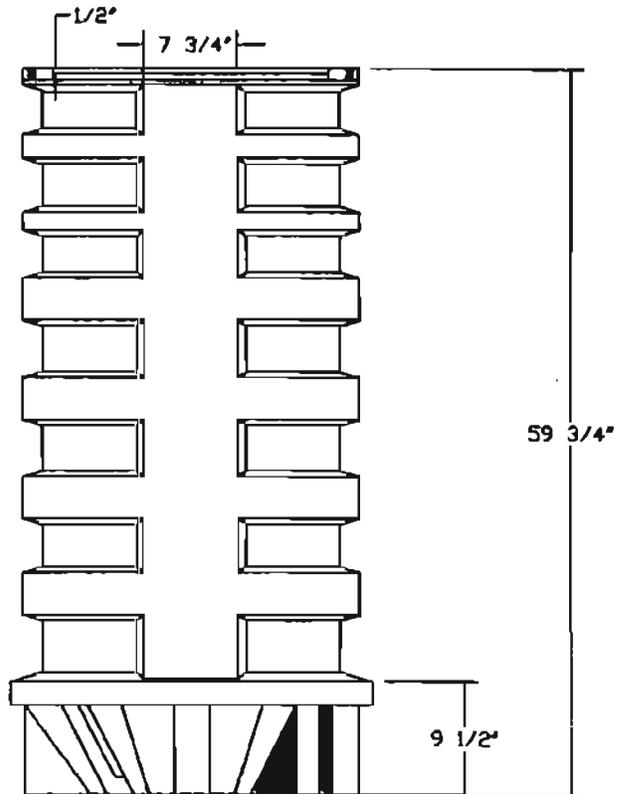
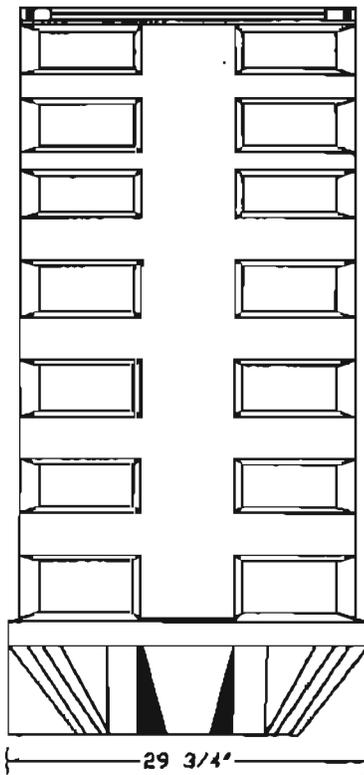
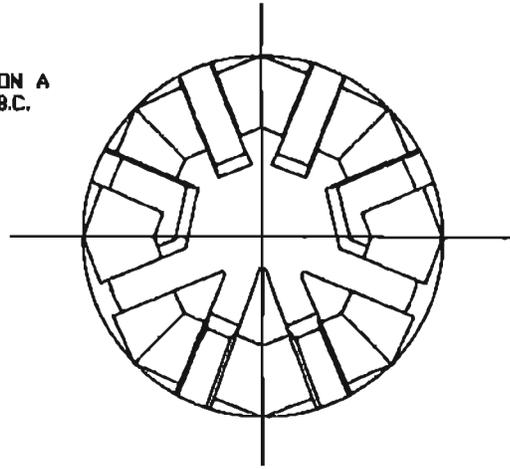
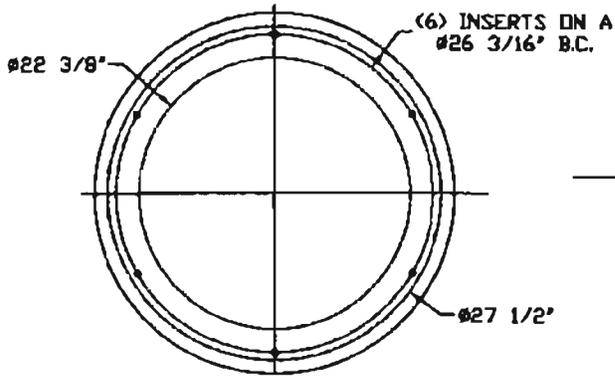
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BASIN RIB 24 X 60

SCALE:  
NOT TO SCALE

REVISION:  
003

DATE:  
04/10/07

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B.O.M  
AKR50070 (6) 1/4-20 ALUMINUM INSERTS

NOTE:  
USE NEW TOP AND NEW BOTTOM



AK INDUSTRIES INC.  
2055 PIDCO DR.  
PLYMOUTH, IN. 46563  
PHONE 774-936-6022

DRAWN BY:  
MOLIVAREZ

TOLERANCE:  
 $\pm 0.250$  UNLESS SPECIFIED OTHERWISE

SIGNATURE:

PART/PRINT #: AKP60190

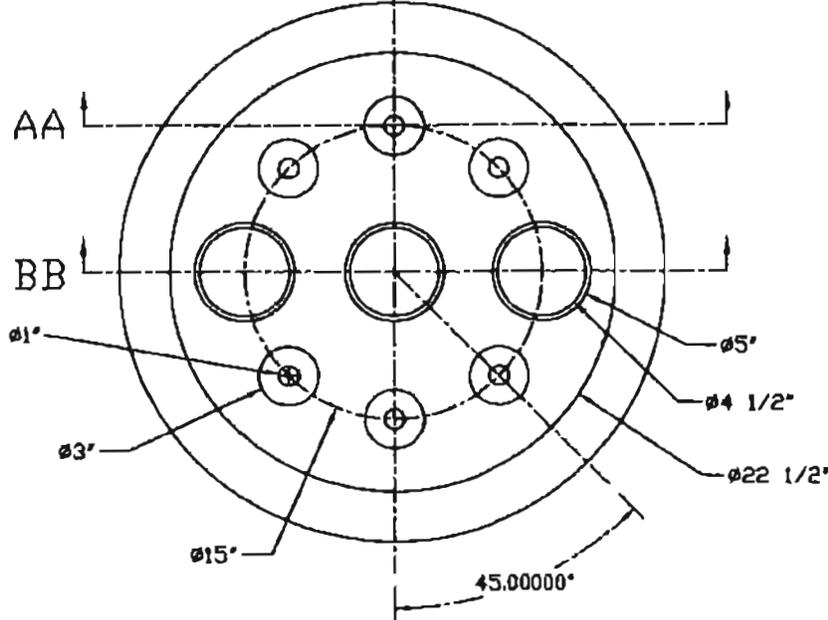
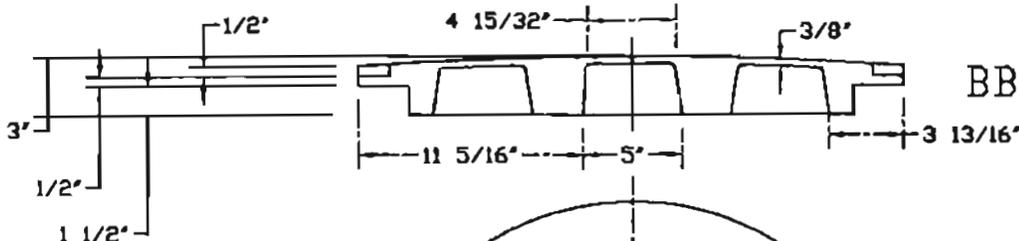
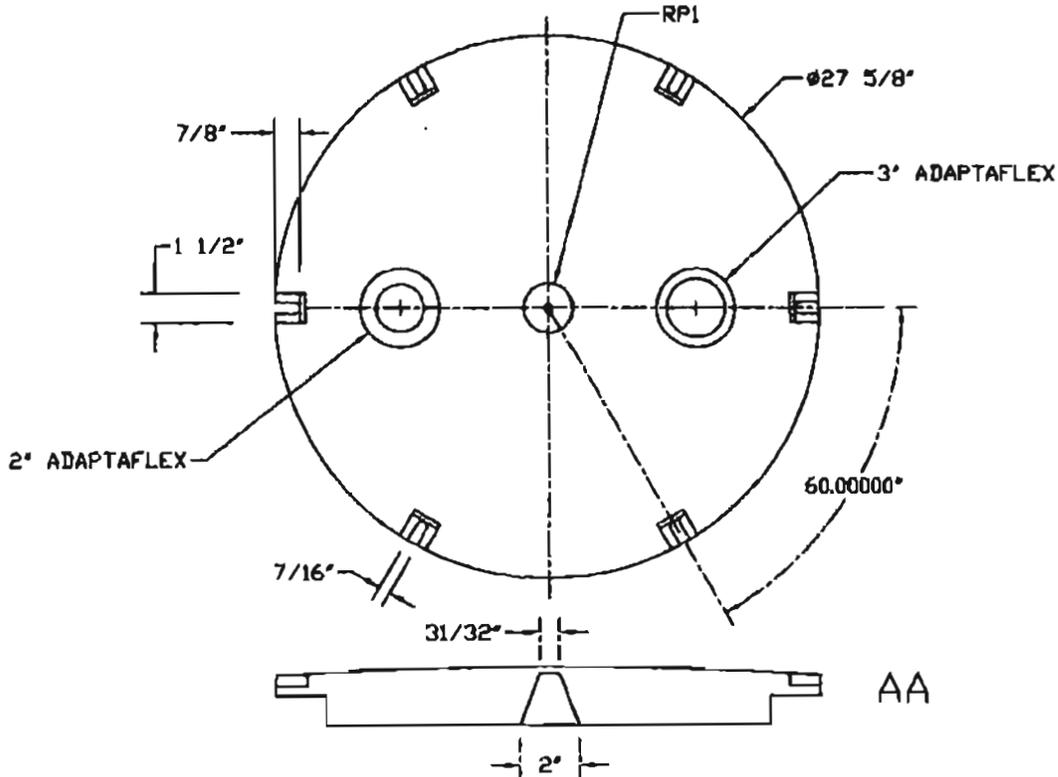
PART DESCRIPTION: ROTOMOLDED COVER 24" SOLID

SCALE: NOT TO SCALE

REVISION: 005

DATE: 10/1/03

THIS DRAWING IS THE SOLE PROPERTY OF AK INDUSTRIES INC.



**B.O.M.**  
**KPI0546-RM GASKET PACK 24" CVR SOLID**



AK INDUSTRIES INC.  
2055 PIDCO DR.  
PLYMOUTH, IN. 46563  
PHONE (317) 936-6022

DRAWN BY: M. OLIVAREZ

TOLERANCE: ± 0.250 UNLESS SPECIFIED OTHERWISE

SIGNATURE:

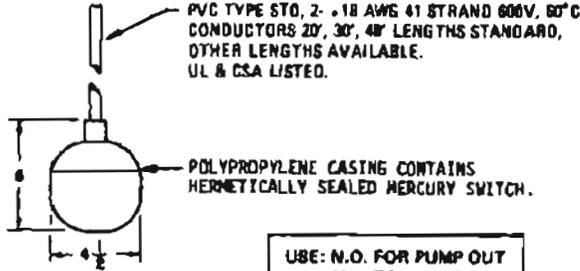
**GENERAL DESCRIPTION:**

THE ROTO-FLOAT IS A DIRECT ACTING FLOAT SWITCH. EACH ROTO-FLOAT CONTAINS A SINGLE POLE MERCURY SWITCH WHICH ACTUATES WHEN THE LONGITUDINAL AXIS OF THE FLOAT IS HORIZONTAL, AND DEACTUATES WHEN THE LIQUID FALLS 1" BELOW THE ACTUATION ELEVATION.

THE FLOAT IS A CHEMICAL RESISTANT POLYPROPYLENE CASING WITH A FIRMLY BONDED ELECTRICAL CABLE PROTRUDING. ONE END OF THE CABLE IS PERMANENTLY CONNECTED TO THE GLASS ENCLOSED MERCURY SWITCH AND THE ENTIRE ASSEMBLY IS ENCAPSULATED TO FORM A COMPLETELY WATER TIGHT AND IMPACT RESISTANT UNIT.

ROTO-FLOATS CAN BE MOUNTED ON A SUPPORT PIPE, (TYPE P); OR SUSPENDED FROM ABOVE, (TYPE S). ADVANTAGES OF THE ROTO-FLOAT ARE LOW COST, SIMPLICITY AND RELIABILITY. VARIOUS CIRCUIT CONFIGURATIONS, OTHER THAN THE ONES LISTED BELOW, ARE AVAILABLE.

**SPECIFICATIONS:**



- UL LISTED, INO. CONT. ED.  
PILOT OUTY  
4.5 AMPS 120 VAC  
2.25 AMPS 240 VAC
- FLOAT COLOR  
N.O., BLACK  
N.C., RED
- MOUNTING ARRANGEMENT  
TYPE P - PIPE MOUNTED MODEL INCLUDES POLYPROPYLENE CLAMP  
TYPE S - SUSPENDED MODEL WITH STABILIZING WEIGHT.

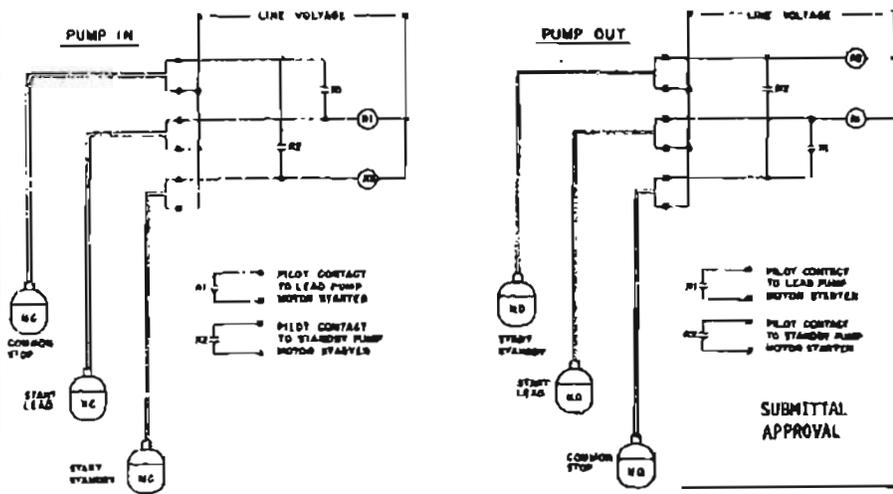
**MODELS:**

SWITCH ARRANGEMENT	CABLE LENGTH	SUSPENDED TYPE S		PIPE MOUNTED TYPE P	
		MODEL NO.	SHIP WT.	MODEL NO.	SHIP WT.
NORMALLY OPEN	20	S20NO	4-	P20NO	2-
	30	S30NO	4 1/2-	P30NO	2 1/2-
	40	S40NO	5 1/2-	P40NO	3 1/2-
NORMALLY CLOSED	20	S20NC	4-	P20NC	2-
	30	S30NC	4 1/2-	P30NC	2 1/2-
	40	S40NC	5 1/2-	P40NC	3 1/2-

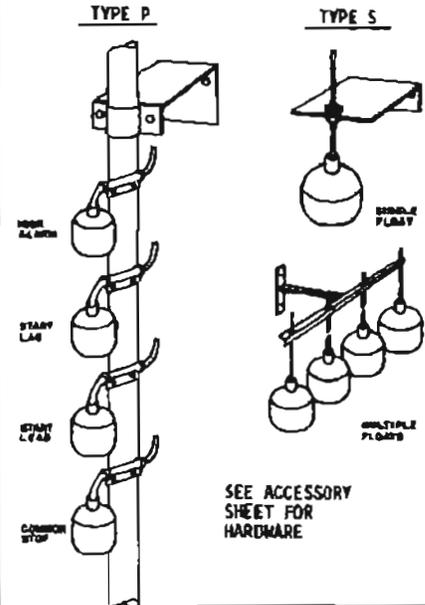
**APPLICATIONS:**

FOR USE IN CONTROLLING PUMPS OR OTHER MACHINES AND MEASURING ALARM LEVELS IN WATER, SEWAGE AND MANY OTHER LIQUIDS. ROTO-FLOATS MAY BE USED FOR PUMP IN OR PUMP OUT CONTROL, FOR LOW LEVEL CUTOUT, OR FOR LOW AND HIGH LEVEL ALARMS.

**TYPICAL 2 PUMP CIRCUITS**



**TYPICAL MOUNTING**



**Not For Use  
in Potable Water**

IMPORTANT NOTE: Use in accordance with local electrical code and authority having jurisdiction. Do not use Roto-Floats in gasoline, volatile or other combustibles.

This product contains mercury. Dispose of in accordance with Local, State and Federal Regulations so that mercury does not contaminate the environment.

SUBMITTAL APPROVAL

NAME \_\_\_\_\_

DATE \_\_\_\_\_

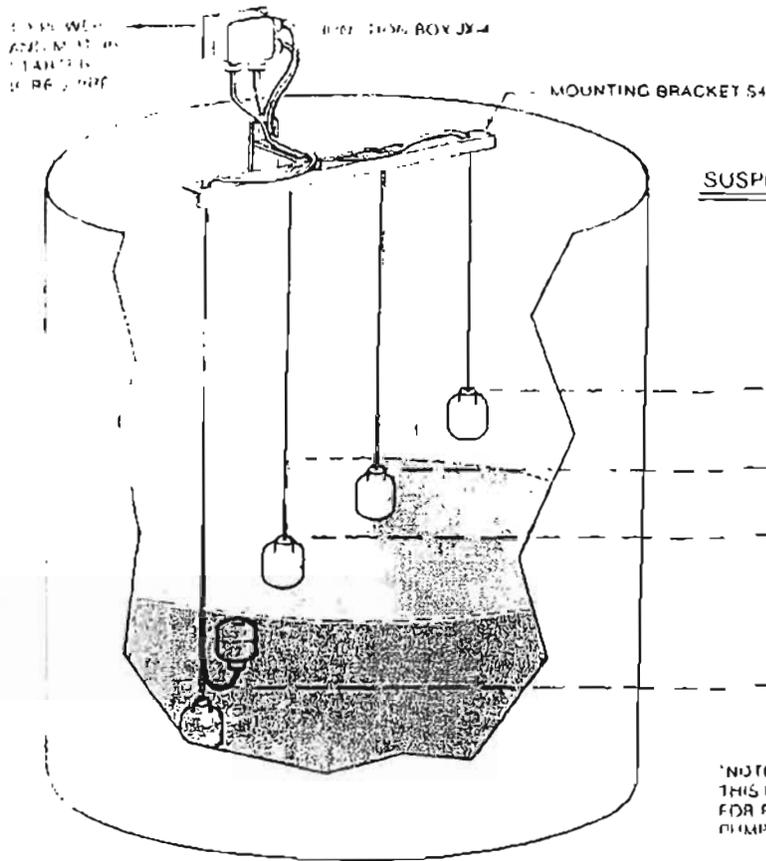
DRN BY	DATE
PD	1-9-74
END BY	DATE
JA	1-9-74
APP BY	DATE
DS	4-30-76



**Anchor Scientific Inc.**  
Box 378, Long Lake, MN 55360  
952/473-7118

SPECIFICATION DATA SUBMITTAL AND INSTRUCTION SHEET

FORM NO. 174-4

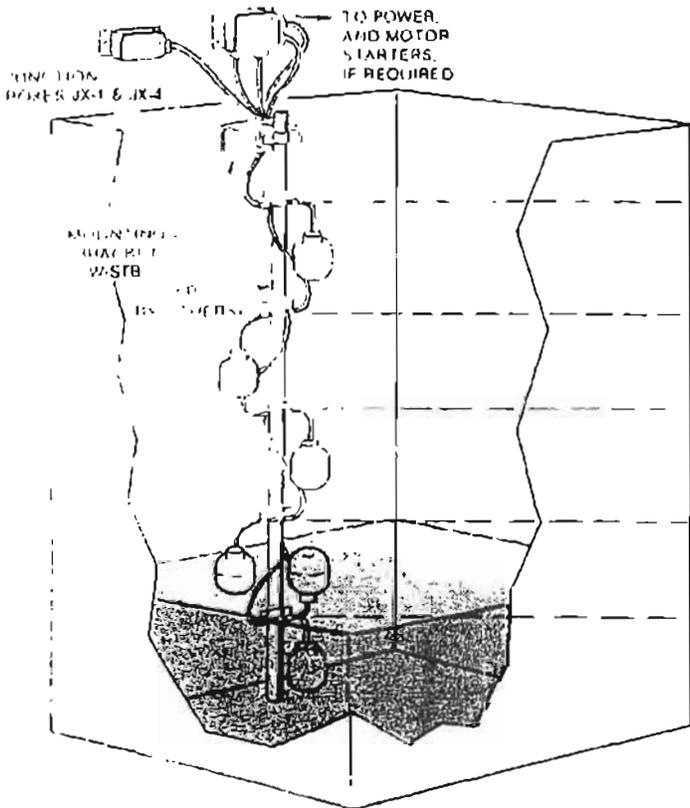


\*PUMP OUT

TYPE S  
SUSPENDED MODELS - 4 FLOAT INSTALLATION

- HIGH ALARM (OPTIONAL)
- START PUMP 2
- START PUMP 1
- ALL PUMPS STOP

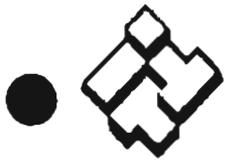
NOTE  
THIS DRAWING ILLUSTRATES TYPICAL INSTALLATIONS FOR PUMPING LIQUID OUT OF A TANK OR SUMP FOR PUMPING INTO A TANK USE NORMALLY CLOSED FLOATS



TYPE P  
PIPE MOUNTED - 5 FLOAT INSTALLATION

- HIGH ALARM (OPTIONAL)
- START PUMP 2
- START PUMP 1
- ALL PUMPS STOP
- LOW ALARM (OPTIONAL)

REV	DATE	BY	CHKD	APP'D
P.O.	2-12-74			
J.A.	2-12-74			
D.S.	2-12-74			
ROTO-FLOAT				
				<b>anchor scientific inc.</b> Industrial Park Long Lake Minn 55336
				TYPICAL INSTALLATION 274-1



# ITT

## Wastewater

# Goulds Pumps

## 1GD Submersible Grinder Pump

Dual Seal with Optional  
Seal Sensor Probe



Goulds Pumps is a brand of ITT  
Residential and Commercial Water.

[www.goulds.com](http://www.goulds.com)

*Engineered for life*

### FEATURES

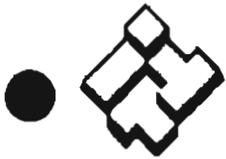
- Single phase pumps now have built-in overload protection. See control panel note on page 3.
- **Impeller:** Silicon bronze, multi-vane semi-open, with pump-out vanes for mechanical seal protection. Balanced for smooth operation.
- **Grinder Cutter System:** The anti-ropeing design, hardened cutter is keyed to the motor shaft for positive drive. The cutter ring is specially designed to be reversed when the first side wears out thus doubling its life and reducing maintenance costs. The cutter system is designed and tested to pass items found in normal wastewater.
- **Casing:** Heavy duty cast iron, volute type for maximum efficiency. Use with A10-12 guide rail system for ease of installation and maintenance.
- **Dual Mechanical Seals:** Silicon carbide vs. silicon carbide outer seal and ceramic vs. carbon inner seal, stainless steel metal parts, BUNA-N elastomers. Upper and lower shaft seals are positioned independently and are separated by an oil-filled chamber. Optional Silicon/Tungsten Carbide outer seal available.
- **Optional Seal Sensor Probe:** Located in oil-filled chamber. If pumpage should begin to leak past lower seal it indicates to pump control panel a fault has occurred. Requires optional Seal Fail Circuit in the control panel.
- **Fasteners and Pipe Plugs:** 300 series stainless steel.

### AGENCY LISTINGS



Tested to UL 778 and CSA 22.2 108 Standards  
By Canadian Standards Association  
File #LR3BS49

Goulds Pumps is ISO 9001 Registered.



# ITT

## GOULDS PUMPS Wastewater

### APPLICATIONS

Designed for high head sewage applications where a gravity system is not practical. Ideal for pressure sewage systems.

### SPECIFICATIONS

#### Pump:

- Solids handling capabilities: 3" maximum.
- Discharge: 1 1/4" NPT removable flange.
- Capacities: up to 46 GPM.
- Total heads: up to 106 feet TDH.

#### Motor:

- 2 HP, 3450 RPM, 60 Hz
- Class "F" insulation
- Rated for continuous duty fully submerged
- Max. Fluid Temperature: 104° F continuous duty, 140° F intermittent duty

#### Single Phase:

- 208 or 230 volt
- Built-in, auto reset, on-winding motor overload

#### Three Phase:

- 200, 230, 460 or 575 volt
- Class 10 ambient compensated, overload protection required in control panel.

### MOTORS

- Fully submerged in oil-filled chamber. High grade turbine oil surrounds motor for more efficient heat dissipation, permanent lubrication of bearings and mechanical seal for complete protection against outside environment.

### NOMENCLATURE DESCRIPTION

#### 1st, 2nd and 3rd Characters – Discharge Size and Type

1GD = 1 1/4" discharge, grinder, dual seal

#### 4th Character – Mechanical Seals

5 = silicon carbide/silicon carbide/BUNA – lower seal and carbon/ceramic/BUNA – upper seal (standard)

3 = silicon carbide/tungsten carbide/BUNA – lower seal and carbon/ceramic/BUNA – upper seal (optional)

#### 5th Character – Cycle/RPM

1 = 60 Hz/3500 RPM      5 = 50 Hz/2900 RPM

#### 6th Character – Horsepower

G = 2 HP

#### 7th Character – Phase/Voltage

1 = single phase, 230 V      5 = three phase, 575 V

2 = three phase, 200 V      6 = three phase, 380 V

3 = three phase, 230 V      8 = single phase, 208 V

4 = three phase, 460 V

#### ■ Class F insulation.

• **Single phase:** 2 HP, 208 or 230 volt, 60 Hertz, 3450 RPM, 14/4 power cord. Motor has built-in overload with automatic reset. Start capacitor, run capacitor and starting relay are required and will be located in the control panel. See "Recommended Control Panels" in chart on this bulletin.

• **Three phase:** 2 HP, 200, 230, 460 or 575 V, 60 Hz, 3450 RPM. 14/4 STOW. Overload protection must be provided in starter unit.

■ **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits and can be operated continuously without damage when fully submerged.

■ **Bearings:** Upper and lower heavy duty ball bearing construction for precision positioning of parts and to carry thrust loads.

■ **Power (Sensor) Cables:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. 20 foot standard with optional lengths available.

■ **O-ring:** Assures positive sealing against contaminants and oil leakage.

■ **Shaft:** 300 series stainless steel, keyed design, short overhang for minimum shaft deflection.

■ Pump is capable of running dry without damage to mechanical components.

#### 8th Character – Impeller Diameter

A = 5 3/4", Standard      C = 4 3/4"

B = 5 1/4"      D = 4 1/2"

#### 9th Character – Cord Length (Power and Sensor)

A = 20' (standard)      F = 50'      J = 100'

D = 30'      G = 75'

#### 10th Character – Options

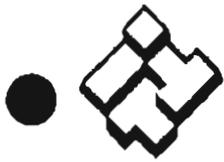
S = Seal fail, moisture sensing circuit'

E = Epoxy paint

#### Last Character – Option

H = Pilot duty thermal sensors'

'These options add a 2-wire or 4-wire sensor cord to the pump and require optional control panel circuits to operate. See panel options on control panel bulletin BCPS.



# ITT

## GOULDS PUMPS Wastewater

### MODEL AND MOTOR INFORMATION

ORDER NO.	HP	PHASE	VOLTS	RPM	MAXIMUM AMPS	LOCKED ROTOR AMPS	KVA CODE	FULL LOAD EFFICIENCY %	RESISTANCE		POWER CORD	WEIGHT LBS.
									START	LINE-LINE		
1GD51G1AA	1	1	230	3450	15.5	120.0	P	79.0	1.37	0.62	14/4 STOW	110
1GD51G8AA			208		17.5							
1GD51G2AA	2	3	200	3450	14.0	44.8	J	81.0	NA		20' LONG	105
1GD51G3AA			230		12.0							
1GD51G4AA			460		6.0	18.7						
1GD51G5AA			575		4.8	14.0	J	83.2				

### FEATURES (continued)

Effective with December 2005 (M05)  
Date Codes -

Single-Phase 1GD Pumps Contain a Built-in, Auto Reset Overload.

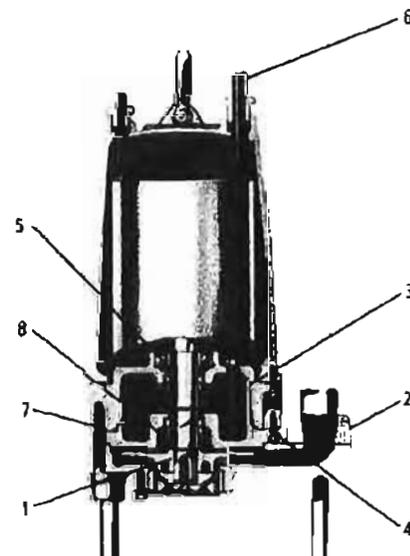
### Important Control Panel Requirements and Notes:

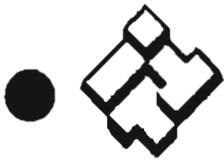
- See panel bulletin BCP5 for other available options.
- These pumps require a magnetic contactor, start and run capacitors and a starting relay in the control panel.
- CP-1GDB Capacitor packs with starting relays are available on product bulletin BCPCAP. They are for certified panel shops to "build" into a custom panel. Field installing capacitor packs into a S10020 or D10020 will negate the UL listing on that panel and is therefore not permissible.

Pump Order No.	Pump Seal Fail Circuit	Voltage / Phase	Recommended Control Panel	
			Simplex	Duplex
1GD51G1A_	NO	230 / 1	S1GD2	D1GD2
1GD51G8A_	NO	208 / 1	S1GD2	D1GD2
1GD51G1A_S	YES	230 / 1	S1GD2H	D1GD2J
1GD51G8A_S	YES	208 / 1	S1GD2H	D1GD2J

### MATERIALS OF CONSTRUCTION

Item No.	Part Name		Material					
1	Impeller, multi-vane		1179					
2	Castings		1003					
3	Shaft-keyed		300 Series SS					
4	Fasteners		300 Series SS					
5	Ball bearings		Steel					
6	Power cable		STOW, 20 feet					
7	O-ring		BUNA-N					
8	Outer Mech. Seal	No.	Service	Rotary	Stationary	Elastomers	Metal Parts	
		OPT	10K22	Heavy duty	Silicon Carbide	Tungsten Carbide	BUNA-N	300 Series SS
		STD	10K28	Mild abrasives	Silicon carbide		BUNA-N	300 Series SS
Material Code		Engineering Standard						
1003		Cast Iron — ASTM A48 Class 30						
1179		Silicon bronze — ASTM C87600						





# ITT

## Wastewater

### APPLICATION DATA

Maximum Solid Size	N/A
Minimum Casing Thickness	1/4"
Casing Corrosion Allowance	1/4"
Maximum Working Pressure	50 PSI
Maximum Submergence	50 feet
Minimum Submergence	Fully submerged for continuous operation 6" below top of motor for intermittent operation
Maximum Environmental Temperature	40°C (104°F) continuous operation 60°C (140°F) Intermittent operation

### CONSTRUCTION DETAILS

Power Cable - Type	14/3, type STOW: single phase 14/4, type STOW: three phase 14/4, type STOW: all three phase
Sensor Cable - Type	16/2, type SJTOW: heat sensor or seal fail unit 18/4, type SJTOW: seal/heat sensor
Motor Cover	Gray Cast Iron - ASTM A48 Class 30
Bearing Housing	Gray Cast Iron - ASTM A48 Class 30
Seal Housing	Gray Cast Iron - ASTM A48 Class 30
Casing	Gray Cast Iron - ASTM A48 Class 30
Impeller	Cast Bronze - ASTM B584 C87600
Motor Shaft	ANSI 300 Series Stainless Steel
Motor Design	NEMA 56 Frame, oil filled with Class F Insulation
Optional: Motor Seal Fail (Moisture) Detection	Seal fail sensor in an oil-filled seal chamber. Connect to an optional relay in control panel.
Optional: Motor Thermal Protection 1Ø and 3Ø	Normally closed on-winding thermostats open at 275° F (135° C) and close at 112° F (78° C). Require terminal connections in the control panel.
Motor Overload Protection	Single Phase: Built-in, auto reset overload. Three Phase: Requires ambient compensated, Class 10 protection in the control panel.
External Hardware	300 Series stainless steel
Impeller Type	Semi-open with pump out vanes on back shroud
Cutter	Two blades; type 440C stainless steel
Oil Capacity - Seal Chamber	1.5 quarts
Oil Capacity - Motor Chamber	4.5 quarts

### STANDARD PARTS

Ball Bearing - Upper	Single row ball - SKF™ 6203-22
Ball Bearing - Lower	Single row ball - SKF™ 6206-22
Mechanical Seals - Standard	Carbon/Ceramic - Upper Silicon Carbide/Silicon Carbide - Lower
Mechanical Seals - Optional	Silicon Carbide/Tungsten Carbide - Lower
O-Ring - Stuffing Box	BUNA-N, AS 568A-256
O-Ring - Motor Cover	BUNA-N, AS 568A-166



Goolds Pumps and the ITT Engineered Blocks Symbol are registered trademarks and tradenames of ITT Corporation.

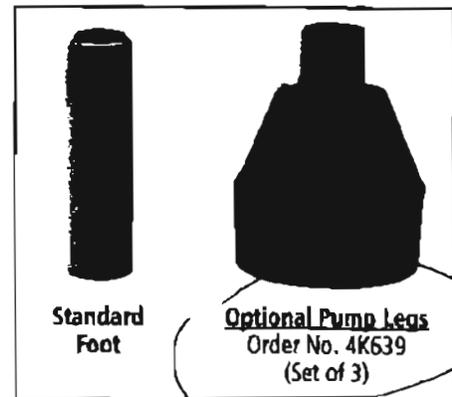
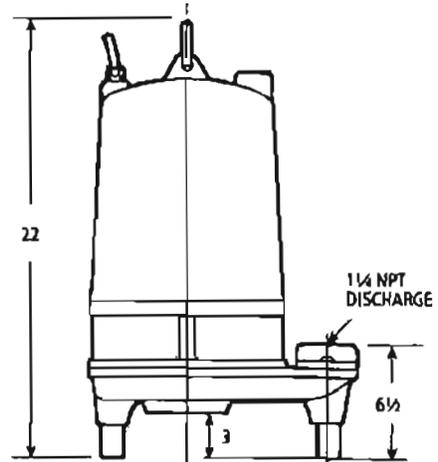
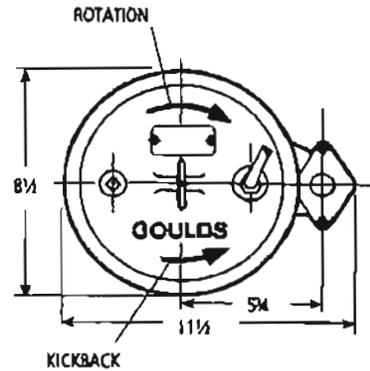
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

B1GD August, 2006  
© 2006 ITT Corporation

*Engineered for life*

### DIMENSIONS

(All dimensions are in Inches. Do not use for construction purposes.)





# Submittal Data

## GD Submersible Grinder

### Grinder Pumps

#### MODEL :1GD51G1AD

Hydraulic Data					Motor Data	GD Submersible Grinder Pump	Qty.
Maximum Flow	Flow at Duty Point	Maximum TDH	TDH at Duty Point	NPSH <sub>R</sub>	Voltage / Phase / Enclosure	Model	
50 US g.p.m.	0 US g.p.m.	254 ft	0 ft		230V 1 Phase	1GD51G1AD	1

Submittal Prepared for: \_\_\_\_\_ Job: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_  
 Submittal Prepared by: \_\_\_\_\_ Company: \_\_\_\_\_  
 Submittal Date: 2012-02-21 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

### Engineering Data

Pump Code: 1GD51G1AD  
 Pump Size: 1 1/4" NPT Discharge  
 Pump Max Horsepower: 0 hp  
 Pump Horsepower at Rating Point:  
 Pump Shut Off Head: 254 ft  
 Motor Speed: 3450 rpm  
 Max. Temperature: 104 °F  
 Liquid: Water, pure  
 Motor Code: GD\_1G1  
 System Input Power: 1~ 230 V  
 Motor Rated Horsepower: 2.00 hp  
 Max. Frequency: 60  
 Discharge Flange Standard:  
 Discharge Flange Rating:  
 Discharge:  
 Approximate Net Weight: On demand lb  
 Impeller Size: 5 1/8"  
 Impeller Construction: Semi-open  
 Impeller Type: Radial impeller  
 Impeller Material:  
 Silicon Bronze (ASTM B584, CB7500)  
 Sense of Rotation: Clockwise from the drive end

### Standard Equipment / Capability:

**APPLICATIONS**  
 Designed for high head sewage applications where a gravity system is not practical. Ideal for pressure sewage systems.

**Specifications**

**Pump:**

- Solids handling capabilities: 3" maximum.
- Discharge: 1 1/4" NPT removable flange.
- Capacities: up to 46 GPM.
- Total heads: up to 106 feet TDH.

**Motor:**

- 2 HP • 3450 RPM • 60 Hz • Class "F" Insulation
- Rated for continuous duty fully submerged
- Max. Fluid Temperature:  
 104° F continuous duty  
 140° F intermittent duty

**Single Phase:**

- 208 or 230 volt
- Built-in, auto reset, on-winding motor overload

**Three Phase:**

- 200, 230, 460 or 575 volt - Class 10 ambient compensated, overload protection required in control panel.

**Features**

- ! Impeller: Silicon bronze, multi-vane semi-open, with pump-out vanes for mechanical seal protection. Balanced for smooth operation.
- ! Grinder Cutter System: The anti-roping design, hardened cutter is keyed to the motor shaft for positive drive. The cutter ring is specially designed to be reversed when the first side wears out thus doubling its life and reducing maintenance costs. The cutter system is designed and tested to pass items found in normal wastewater.
- ! Casing: Heavy duty cast iron, volute type for maximum efficiency. Use with A10-12 guide rail system for ease of installation and maintenance.
- ! Dual Mechanical Seals: Silicon carbide vs. silicon carbide outer seal and ceramic vs. carbon inner seal, stainless steel metal parts, BUNA-N elastomers. Upper and lower shaft seals are positioned independently and are separated by an oil-filled chamber. Optional Silicon/Tungsten Carbide outer seal available.
- ! Optional Seal Sensor Probe: located in oil-filled chamber. If pumpage should begin to leak past lower seal it indicates to pump control panel a fault has occurred. Requires optional Seal Fail Circuit in the control panel.
- ! Shaft: 300 series stainless steel, keyed design, short overhang for minimum shaft deflection.
- ! Fasteners and Pipe Plugs: 300 series stainless steel.
- ! Pump is capable of running dry without damage to mechanical components.

**motors**

- ! Fully submerged in oil-filled chamber.
- ! High grade turbine oil surrounds motor for more efficient heat dissipation, permanent lubrication of bearings and mechanical seal for complete protection against outside environment.
- ! Class F insulation.
- Single phase: 2 HP, 208 or 230 volt, 60 Hertz, 3450 RPM, 14/4 power cord. Motor has built-in overload with automatic reset. Start capacitor, run capacitor and starting relay are required and will be located in the control panel. See "Recommended Control Panels" in chart on this bulletin.
- Three phase: 2 HP, 200, 230, 460 or 575 V, 60 Hz, 3450 RPM. 14/4 STOW. Overload protection must be provided in starter unit.
- ! Designed for Continuous Operation: Pump ratings are within the motor manufacturer's recommended working limits and can be operated continuously without damage when fully submerged.
- ! Bearings: Upper and lower heavy duty ball bearing construction for precision positioning of parts and to carry thrust loads.
- ! Power (Sensor) Cables: Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. 20 foot standard with optional lengths available.
- ! O-ring: Assures positive sealing against contaminants and oil leakage.

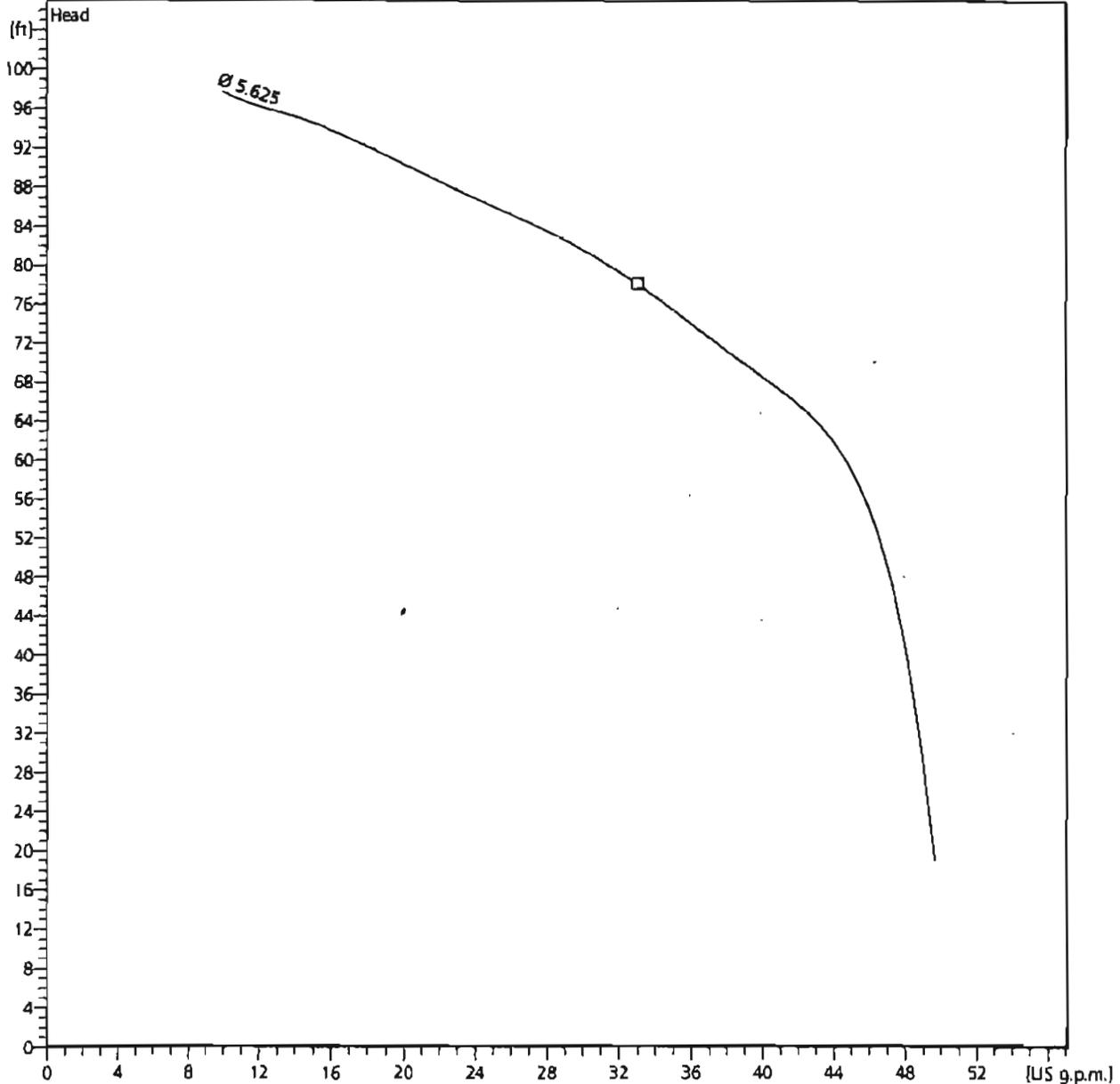
**GOULDS PUMPS**  
Performance Data

**GD Submersible Grinder**  
Grinder Pumps  
**MODEL :1GD51G1AD**

Hydraulic Data					Motor Data	GD Submersible Grinder Pump Model	Qty.
Maximum Flow	Flow at Duty Point	Maximum TDH	TDH at Duty Point	NPSH <sub>R</sub>	Voltage / Phase / Enclosure		
50 US g.p.m.	0 US g.p.m.	254 ft	0 ft		230V 1 Phase	1GD51G1AD	1

Submittal Prepared for: \_\_\_\_\_ Job: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_  
 Submittal Prepared by: \_\_\_\_\_ Company: \_\_\_\_\_  
 Submittal Date: 2012-02-21 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Fluid: Water, pure Duty Chart: 3500 RPM



Printed from data file  
2012-02-21

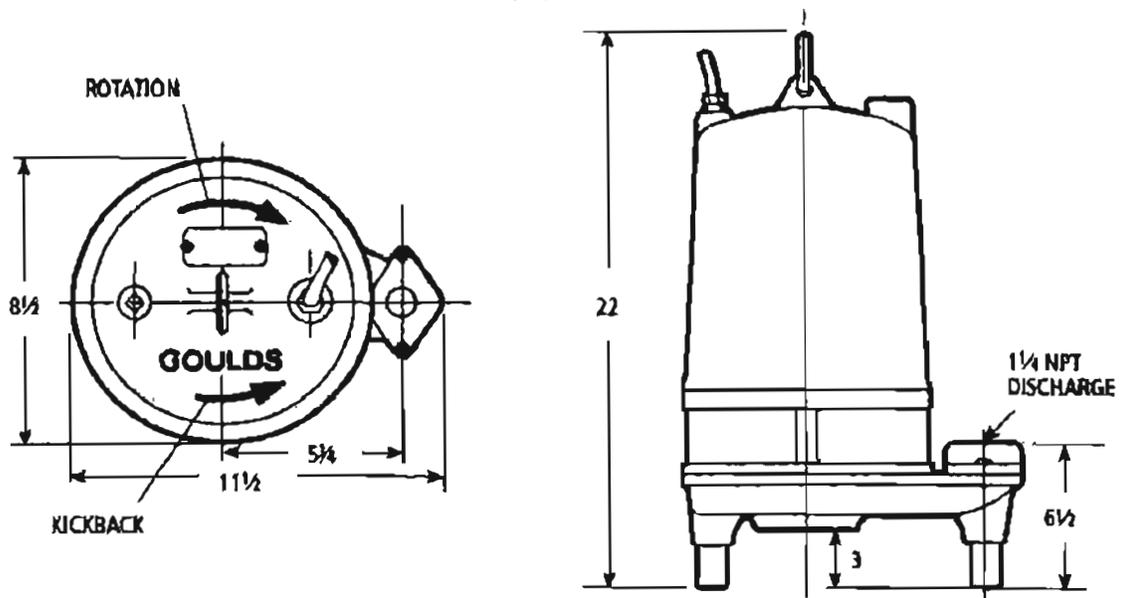
**GOULDS PUMPS**  
**Unit Dimensions**

**GD Submersible Grinder**  
**Grinder Pumps**  
**MODEL :1GD51G1AD**

Hydraulic Data				Motor Data		GD Submersible Grinder Pump	Qty.
Maximum Flow	Flow at Duty Point	Maximum TDH	TDH at Duty Point	NPSH <sub>R</sub>	Voltage / Phase / Enclosure	Model	
50 US g.p.m.	0 US g.p.m.	254 ft	0 ft		230V 1 Phase	1GD51G1AD	1

Submittal Prepared for: \_\_\_\_\_ Job: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_  
 Submittal Prepared by: \_\_\_\_\_ Company: \_\_\_\_\_  
 Submittal Date: 2012-02-21 Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

(All dimensions are in inches. Do not use for construction purposes.)



Dimension	Value	Dimension	Value

Printed from data file  
 2012-02-21

City of Stuart  
Bill of Materials

24" x 60" WRT Lift Station

Mfg. Part Number	Description	Weight (lbs)	Quantity
AKP20020	24" x 60" Ribbed Poly Basin	75	1
AKP60190	24" Poly Rotomolded Cover, Solid	10	1
WRT-MISC	WRT Lift Station Stamp & Hardware	0.6	1
GA-400AAF	4" Adapt-A-Flex Grommet for Invert (SCH 40 or SDR35)	0.5	1
4HB	T-Type Float Bracket	2	1
PFC200	2" PVC Conduit Hub	1	1
C125S	1 1/4" SS Discharge Coupling	3	1
S30NO	N.O. Mercury Float Switch, Internally Weighted, 30' Cable	8	3
1GD51G1ADL	1GD Grinder Pump (1 1/4" Discharge) 2HP, 1PH, 230V	110	1
QDHS125	1 1/4" Quick Disconnect Hose	4	1
3628-012	1 1/4" True Union Ball Valve	4	1
885-040	1 1/4" x 4" PVC Nipple, TBE (tank discharge)	0.25	1
885-080	1 1/4" x 6" PVC Nipple, TBE (pump discharge)	0.25	1
S1720-12	1 1/4" True Union Check Valve	2	1
WRT-MISC	SS Hardware used for hanging hook	0.1	1
9085	Lifting Rope (1/2" Diameter Poly Rope)	0.5	1
	Silicone for hardware & sealing	0	1
MISC	Custom Simplex Control Panel, 230V, 1PH	25	1
CP1GDB	Capacitor Kit	Incl	1

Total weight of fully assembled station with panel (approx)

247



11221 St Johns Industrial Pkwy N  
Jacksonville, FL 32246  
Voice 407.718.5507 Fax 904.928.0790  
Toll Free 877.978.4286  
vschmidt@wrtllc.com

## City of Stuart

### ITB# 2012-268 Residential Grinder Pump System

#### Recommended spare parts

#### For Goulds Pumps model 1GD

#### E.1.4.A.5

<u>Part No</u>	<u>Description</u>	<u>Manufacturer's List price *</u>
2K247	IMPELLER 5.62"DIA.	\$300.00
4K303	ROTATING CUTTER	\$326.00
4K304	CUTTER RING	\$400.00
4K11	IMPELLER KEY	\$8.67
13K190	IMPELLER BOLT	\$8.34
13K191	IMPELLER WASHER	\$18.07
10K21	MECH SEAL	\$204.00
10K28	MECH.SEAL	\$354.00
4K252	O-RING	\$11.55
5K73	O-RING	\$17.41

\* List price as of February 20, 2012. Not necessarily the price level at which these will be sold; discount multiplier is dependent on quantity purchased.



11221 St Johns Industrial Pkwy N  
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## City of Stuart

### ITB# 2012-268 Residential Grinder Pump System

#### Complete Motor Data

##### E.1.4.A.6

- The motor is fully submerged in oil-filled chamber. High grade turbine oil surrounds motor for more efficient heat dissipation, permanent lubrication of bearings and mechanical seal for complete protection against outside environment.
- Class F insulation
- Single phase, 60Hz, 3450 RPM
- 2Hp
- Voltage: 230V
- Motor has built-in on-winding overload with automatic reset.
- Start capacitor, run capacitor, and starting relay are required and provided in the control panel.



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbegley@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: January 27, 2012  
To: All Prospective Bidders  
Subject: Addendum #1 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

- Question:** E.1.6.C (p. 11/22) addresses the requirement for one control panel, three floats, and one spare pump to be furnished for every 25 grinder pumping units furnished and yet F. Bid Schedule (p. 18/22) is for unit pricing. How are we to offer pricing – are we to add 1/25<sup>th</sup> the cost of one panel, three floats and one spare pump to the bid for one pump?  
**Answer:** The City will order twenty-five units at a time and anticipates purchasing three-hundred fifty units during the initial two year contract period.
- Question:** E.2.2.A (p. 12/22) notes that the electrical service characteristics are 120V/1ph/60hz for a 2hp grinder pump. To the best of our knowledge, none of the manufacturers named in E.2.2.B (p. 12/22) offer a 2hp centrifugal grinder pump that will operate on a 120V/1phase system voltage. Typically, we expect a minimum of a 240V/1phase power supply for our 2hp grinders; will a 240V/1phase power supply be available?  
**Answer:** The electrical service characteristics are **HEREBY AMENDED TO READ 230 volt, single phase, 60Hz power source.**
- Question:** E.2.2.C.1 (p. 13/22) references minimum conditions that are to be met in Table 15350-1 which is not to be found in the bid package. Additionally E.2.2.C.2 (p. 13/22) and E.2.2.C.3 (p. 13/22) refer to the same table. Please clarify.  
**Answer:** The table under E.2.2 A. 1, page 12 of 22 is the table that the City expects the vendor to complete and submit with their bid.
- Question:** E.2.2.D.6 (p. 13/22) requires that a pedestal base/base ring be supplied so that the pump can be removed from the basin without the need to enter the basin or remove the discharge piping. E.2.4.D (p. 14/22) describes the use of flexible hose as discharge piping. It is not clear whether a rail system is to be furnished or whether the hose has a quick disconnect fitting, etc. Would it be possible to provide a simple section view of the pump station with discharge piping as described for clarification?  
**Answer:** A pedestal base is required. The section view is as noted for a Delta Environmental DGF12-LPS. A rail system is not required, a flexible hose connects to the pump discharge with a male adaptor and then connects to the easy slip connection with check valve, as noted in the specifications for a Delta Environmental DGF12 Grinder System.

5. **Question:** E.2.2.D.10 (p. 14/22) describes the pump motor housing as air-filled. Again, to the best of our knowledge, at least three of the manufacturers named in E.2.2.B (p. 12/22) have standardized on oil-filled motor housings. Will this construction be acceptable?

**Answer:** Yes, oil-filled motor housing construction is acceptable to the City.

6. **Question:** E.2.5.A (p. 15/22) describes the basin materials as molded polyethylene resin and HDPE later in the paragraph. We presume that HDPE is the required material for the basin, please clarify. Additionally, the minimum size basin requirement is 24" x 60" with a requirement in E.2.5.F (p. 15/22) for an anti-flotation collar. We have not been able to locate a vendor for the basin as described, would it be possible to provide the name and location of the manufacturer that was used for the design basis?

**Answer:** Yes, please refer to the Delta Environmental DGF12-LPS system.

7. **Question:** E.2.6.E, E.2.6.F, E.2.6.G (p.16/22) references a pump controller, please clarify.

**Answer:** The pump controller referenced is the control panel with the mercury float switches for automatic start, stop, and high level.

8. **Question:** F Bid Schedule (p.18/22) implies that a single pump system is being offered and yet we are aware that several thousand of these packages will be procured over time. We believe it is in the best interest of The City of Stuart to entertain quantity pricing in order to arrive at the best possible price levels. Our experience in Port St. Lucie taught us that, while initially the purchases were a few at a time, at some point truckloads at a time were being delivered. We recommend that you consider requesting prices on interval quantities (e.g. 1, 10, 25, 100, 500) to take advantage of volume discounts that are offered by the various vendors, and more importantly, freight companies. Additionally, it is difficult for us to place a responsible bid, giving consideration to C3 (p. 6/23), without having an idea of the volume of product required within a given time frame.

**Answer:** The City will order twenty-five units at a time and anticipates purchasing three-hundred fifty units during the initial two year contract period (one-hundred fifty units are projected for the 1<sup>st</sup> year and two-hundred for the 2<sup>nd</sup> year).

**All other terms and conditions remain unchanged.**

**END OF ADDENDUM NO. 1**

Respectfully,



Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #1 to ITB #2012-268:



Signature

WATER RESOURCE  
Firm TECHNOLOGIES

2/15/12  
Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbegley@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: February 7, 2012

To: All Prospective Bidders

Subject: Addendum #2 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

1. **Question:** Item #C10 on page 7 calls out the need for a bid bond valued at 10% of the total amount of the bid, but only if the bid totals over \$25k annually. The potential for year #1 is 150 units, but the bid is being submitted as a "per unit" price. We have no guarantee that the annual purchases will total over \$25k. I'm not sure how to interpret this and did not want to make any assumptions. Would you please clarify?

**Answer:** The City anticipates purchasing one-hundred fifty (150) units during the first year of the contract so the 10% Bid Bond amount should be based on the Unit Bid Price x 150 units. The City cannot guarantee that a specific amount of units shall be purchased. The purpose of the Bid Bond is to ensure that the awarded bidder will honor their bid and sign the contract with the City, it is NOT a performance and/or payment bond. Once the contract is executed, the Bid Bond is returned.

All other terms and conditions remain unchanged.

**END OF ADDENDUM NO. 2**

Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #2 to ITB #2012-268:

Signature

WATER RESOURCE

Firm

TECHNOLOGIES

2/15/12

Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbegley@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: February 10, 2012

To: All Prospective Bidders

Subject: Addendum #3 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

- Question: E.1.4.D-2** references certified test curves. Individual testing of each pump would add substantial cost to the bid (+/- 50%) and is not customary for pumps of this size and type. Would you please clarify?  
**Answer:** The City requires that a Certified Test curves for the model pump included in their bid, attest is not required for each individual pump.
- Question: E.2.2.D-4** refers to ceramic and silicon carbide seal faces. The pump seals in the Delta DGF-12 system are ceramic and carbon. Would you please clarify?  
**Answer:** The City will accept ceramic and carbon pumps seal faces, the City understands that other manufacturers may submit differently.

All other terms and conditions remain unchanged.

**END OF ADDENDUM NO. 3**

Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #3 to ITB #2012-268:

  
Signature

WATER RESOURCE  
Firm TECHNOLOGIES

2/15/12  
Date



11221 St Johns Industrial Pkwy N  
Jacksonville, FL 32248  
Voice 407.718.5507 Fax 904.928.0790  
Toll Free 877.978.4286  
vschmidt@wrtllc.com

## City of Stuart

### ITB# 2012-268 Residential Grinder Pump System

#### Exceptions taken to specifications

##### **E1.3.D List of Ten (10) Similar Installations**

Due to the fact that Goulds Pumps are sold solely through the distributor channel, we do not have access to a list of similar municipal installations.

##### **E1.4.D.1 All raw data sheets.**

We will provide published product bulletin with shop test results.

##### **E1.4.D.2A Hydraulic efficiency**

Certified test curve does not display hydraulic efficiency

##### **E1.4.D.2B Input power KW**

Certified test curve does not display input power KW.

##### **E1.4.D.2C Wire to water efficiency**

Certified test curve does not display Wire to water efficiency.

##### **E1.4.D.2D Brake Horsepower**

Certified test curve does not display Brake Horsepower.

##### **E1.4.D.2E Flow vs Head (minimum 8 points)**

Certified test curve is 5 points

##### **E1.4.D.2F Vibrometer readings**

Certified test curve does not display Vibrometer readings

**E2.2.C.4 Service factor of 1.1**

The 1GD service factor is not published. The motor will not overload at any point on the published impeller curve. The motor has been designed and built to function solely with the 1GD impeller, cutter, and cutter ring.

**E2.2.C.5 Certified HI test curve**

Factory Certified Test Is to HI Standard

**E2.2.D.6 Pedestal base**

Pumps shall be supplied with 'mushroom' feet as pictured here:



**Distalco Pedestal Legs**  
Order No. 446529  
(Set of 2)

**E2.2.D.7 Lifting Bail/Lug**

*300-series stainless steel*

# Fidelity and Deposit Company of Maryland

## BID BOND

**KNOW ALL MEN BY THESE PRESENTS** that we **Water Resource Technologies Florida LLC**  
1121 St Johns Industrial Parkway North  
Jacksonville, FL 32246

as **Principal**, hereinafter called the **Principal**, and **Fidelity and Deposit Company of Maryland**, a corporation duly organized under the laws of the State of Maryland, as **Surety**, hereinafter called **Surety**, are held and firmly bound unto **City of Stuart**  
121 SW Flager Ave  
Stuart, FL 34994

as **Obligee**, hereinafter called **Obligee**, in the sum of **Ten percent of attached bid Dollars** ( \_\_\_\_\_ ) or \_\_\_\_\_ (10 %) percent of the amount bid, whichever is less.

for the payment of which sum well and truly to be made, the said **Principal** and the said **Surety**, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.  
**WHEREAS**, the **Principal** has submitted a bid for **Supplying the City of Stuart with residential grinder pumps, parts, and accessories.**

**NOW, THEREFORE**, if the **Obligee** shall accept the bid of the **Principal** and the **Principal** shall enter into a **Contract** with the **Obligee** in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or **Contract Documents** with good and sufficient surety for the faithful performance of such **Contract** and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the **Principal** to enter such **Contract** and give such bond or bonds, if the **Principal** shall pay to the **Obligee** the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the **Obligee** may in good faith contract with another party to perform the **Work** covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 8th day of February, 2012

M. McCarty  
(Witness)

Vincent DeBrosco  
(Witness)

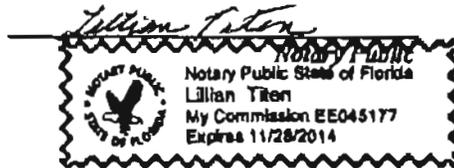
**Water Resource Technologies Florida LLC**  
(Principal) \_\_\_\_\_ (Seal)  
By: Dorothy M. Kelly CFO  
(Title)

**THE FIDELITY AND DEPOSIT COMPANY OF MARYLAND**  
By: Dennis E. Northrup  
Dennis E. Northrup (Attorney-in-Fact)

STATE OF ~~NEW YORK~~ FLORIDA

County of DUVAL } SS:

On this 13<sup>th</sup> day of FEBRUARY ~~19~~ 2012 before me personally came DAVID H. SCHLEGEL to me personally known and known to me to be CHIEF FINANCIAL OFFICER WATER RESOURCE TECHNOLOGIES FLORIDA LLC the corporation described in and which executed the foregoing instrument as Principal, who being by me duly sworn, did depose and say: That he resides \_\_\_\_\_ that he is \_\_\_\_\_ of the said \_\_\_\_\_ and knows the corporate seal thereof: that the seal affixed to the foregoing instrument is the corporate seal of said Company and was affixed thereto by authority of the Board of Directors of said Company, and that he signed his name thereto by the like authority as \_\_\_\_\_ of said Company.



STATE OF NEW YORK

County of \_\_\_\_\_ } SS:

On this \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_\_, before me personally came \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument as Principal, and acknowledged that he executed the same.

\_\_\_\_\_  
Notary Public

STATE OF NEW YORK

County of Albany } SS:

On this 8<sup>th</sup> day of February in the year 2012, before me personally came Dennis E. Northrup to me known, who, being by me duly sworn, did depose and say, that he resides in the City of Albany that he was the Attorney-in-Fact of the Fidelity and Deposit Company of Maryland, the corporation named in and which executed the within instrument: that he knows the seal of said corporation: that the seal affixed to said instrument is such corporate seal: that it was so affixed by order of the Board of Directors of said Corporation, and that he signed his name thereto by like order. And that the liabilities of said Company do not exceed its assets as ascertained in the manner provided in Section 183 of the Insurance Law, constituting Chapter 33 of the Consolidated Laws of the State of New York.

Ann Marie Sanelli Parola  
Notary Public

Ann Marie Sanelli Parola  
Notary Public, State of New York  
Qualified in Albany County  
ID # 01SAB169508  
My Commission Expires June 25, 2015

**EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

"Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertakings, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages,...and to affix the seal of the Company thereto."

**CERTIFICATE**

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company,

this 8th day of February, 2012.

*Gerald F. Haley*  
Assistant Secretary

**Power of Attorney  
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by THEODORE G. MARTINEZ, Vice President, and GREGORY E. MURRAY, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint Christopher A. BRASSARD, Ann Marie SANELLI, John S. TEN EYCK, Charles T. BARNES, Dennis E. NORTHRUP and Lisa A. POUCHAK, all of Albany, New York, to be its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as aforesaid, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of Christopher A. BRASSARD, John S. TEN EYCK, Charles T. BARNES, Dennis E. NORTHRUP, Justin R. RICCIO, Ann Marie SANELLI, dated August 14, 2007.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 25th day of November, A.D. 2008.

ATTEST:

**FIDELITY AND DEPOSIT COMPANY OF MARYLAND**



*Gregory E. Murray*

*Theodore G. Martinez*

Gregory E. Murray Assistant Secretary

By:

Theodore G. Martinez

State of Maryland }  
City of Baltimore } ss:

On this 25th day of November, A.D. 2008, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came THEODORE G. MARTINEZ, Vice President, and GREGORY E. MURRAY, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself depose and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



*Constance A. Dunn*

Constance A. Dunn

Notary Public

My Commission Expires: July 14, 2011

# FIDELITY AND DEPOSIT COMPANY

OF MARYLAND

600 Red Brook Blvd., Suite 600, Owings Mills, MD 21117

## Statement of Financial Condition As Of December 31, 2010

### ASSETS

Bonds .....	\$ 167,717,443
Stocks .....	23,571,636
Cash and Short Term Investments .....	250,663
Reinsurance Recoverable .....	478,827
Other Accounts Receivable .....	44,516,527
<b>TOTAL ADMITTED ASSETS .....</b>	<b>\$ 236,535,096</b>

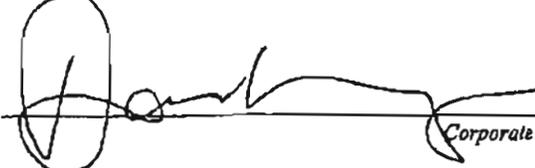
### LIABILITIES, SURPLUS AND OTHER FUNDS

Reserve for Taxes and Expenses .....	\$ 225,295
Ceded Reinsurance Premiums Payable .....	39,963,782
Securities Lending Collateral Liability .....	3,077,700
<b>TOTAL LIABILITIES .....</b>	<b>\$ 43,266,777</b>
Capital Stock, Paid Up .....	\$ 5,000,000
Surplus .....	188,268,319
Surplus as regards Policyholders .....	193,268,319
<b>TOTAL .....</b>	<b>\$ 236,535,096</b>

Securities carried at \$45,648,865 in the above statement are deposited as required by law.

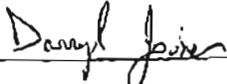
Securities carried on the basis prescribed by the National Association of Insurance Commissioners. On the basis of December 31, 2010 market quotations for all bonds and stocks owned, the Company's total admitted assets would be \$245,239,534 and surplus as regards policyholders \$201,972,757.

I, DENNIS F. KERRIGAN, Corporate Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company on the 31st day of December, 2010.

  
\_\_\_\_\_  
Corporate Secretary

State of Illinois }  
City of Schaumburg } SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 31st day of March, 2011.

  
\_\_\_\_\_  
Notary Public





# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
rbegley@ci.stuart.fl.us

Telephone (772) 288-5308  
Fax: (772) 288-5381  
www.cityofstuart.us

Date: February 10, 2012

To: All Prospective Bidders

Subject: Addendum #3 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

- Question: E.1.4.D-2** references certified test curves. Individual testing of each pump would add substantial cost to the bid (+/- 50%) and is not customary for pumps of this size and type. Would you please clarify?  
**Answer:** The City requires that a Certified Test curves for the model pump included in their bid, attest is not required for each individual pump.
- Question: E.2.2.D-4** refers to ceramic and silicon carbide seal faces. The pump seals in the Delta DGF-12 system are ceramic and carbon. Would you please clarify?  
**Answer:** The City will accept ceramic and carbon pumps seal faces, the City understands that other manufacturers may submit differently.

All other terms and conditions remain unchanged.

**END OF ADDENDUM NO. 3**

Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgment is hereby made of Addendum #3 to ITB #2012-268:

  
Signature

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2/15/12  
Date



# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

Rebecca S. Begley, CPPB, A.P.P., FCCM  
Contracts Administrator  
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Telephone (772) 288-5308  
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www.cityofstuart.us

Date: February 7, 2012

To: All Prospective Bidders

Subject: Addendum #2 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

1. Question: Item #C10 on page 7 calls out the need for a bid bond valued at 10% of the total amount of the bid, but *only if the bid totals over \$25k annually*. The potential for year #1 is 150 units, but the bid is being submitted as a "per unit" price. We have no guarantee that the annual purchases will total over \$25k. I'm not sure how to interpret this and did not want to make any assumptions. Would you please clarify?

Answer: The City anticipates purchasing one-hundred fifty (150) units during the first year of the contract so the 10% Bid Bond amount should be based on the Unit Bid Price x 150 units. The City cannot guarantee that a specific amount of units shall be purchased. The purpose of the Bid Bond is to ensure that the awarded bidder will honor their bid and sign the contract with the City, it is NOT a performance and/or payment bond. Once the contract is executed, the Bid Bond is returned.

All other terms and conditions remain unchanged.

END OF ADDENDUM NO. 2

Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #2 to ITB #2012-268:

Signature

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# City of Stuart

121 SW Flagler Avenue • Stuart • Florida 34994  
Department of Financial Services

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Date: January 27, 2012  
To: All Prospective Bidders  
Subject: Addendum #1 to ITB #2012-268: Residential Grinder Pump System

The purpose of this addendum is to provide the following clarifications, changes, modifications and/or additions to the bid documents.

### Revisions, Clarifications, Corrections

- Question:** E.1.6.C (p. 11/22) addresses the requirement for one control panel, three floats, and one spare pump to be furnished for every 25 grinder pumping units furnished and yet F. Bid Schedule (p. 18/22) is for unit pricing. How are we to offer pricing ~ are we to add 1/25<sup>th</sup> the cost of one panel, three floats and one spare pump to the bid for one pump?  
**Answer:** The City will order twenty-five units at a time and anticipates purchasing three-hundred fifty units during the initial two year contract period.
- Question:** E.2.2.A (p. 12/22) notes that the electrical service characteristics are 120V/1ph/60hz for a 2hp grinder pump. To the best of our knowledge, none of the manufacturers named in E.2.2.B (p. 12/22) offer a 2hp centrifugal grinder pump that will operate on a 120V/1phase system voltage. Typically, we expect a minimum of a 240V/1phase power supply for our 2hp grinders; will a 240V/1phase power supply be available?  
**Answer:** The electrical service characteristics are **HEREBY AMENDED TO READ 230 volt, single phase, 60Hz power source.**
- Question:** E.2.2.C.1 (p. 13/22) references minimum conditions that are to be met in Table 15350-1 which is not to be found in the bid package. Additionally E.2.2.C.2 (p. 13/22) and E.2.2.C.3 (p. 13/22) refer to the same table. Please clarify.  
**Answer:** The table under E.2.2 A. 1, page 12 of 22 is the table that the City expects the vendor to complete and submit with their bid.
- Question:** E.2.2.D.6 (p. 13/22) requires that a pedestal base/base ring be supplied so that the pump can be removed from the basin without the need to enter the basin or remove the discharge piping. E.2.4.D (p. 14/22) describes the use of flexible hose as discharge piping. It is not clear whether a rail system is to be furnished or whether the hose has a quick disconnect fitting, etc. Would it be possible to provide a simple section view of the pump station with discharge piping as described for clarification?  
**Answer:** A pedestal base is required. The section view is as noted for a Delta Environmental DGF12-LPS. A rail system is not required, a flexible hose connects to the pump discharge with a male adaptor and then connects to the easy slip connection with check valve, as noted in the specifications for a Delta Environmental DGF12 Grinder System.

5. Question: E.2.2.D.10 (p. 14/22) describes the pump motor housing as air-filled. Again, to the best of our knowledge, at least three of the manufacturers named in E.2.2.B (p. 12/22) have standardized on oil-filled motor housings. Will this construction be acceptable?

Answer: Yes, oil-filled motor housing construction is acceptable to the City.

6. Question: E.2.5.A (p. 15/22) describes the basin materials as molded polyethylene resin and HDPE later in the paragraph. We presume that HDPE is the required material for the basin, please clarify. Additionally, the minimum size basin requirement is 24" x 60" with a requirement in E.2.5.F (p. 15/22) for an anti-flotation collar. We have not been able to locate a vendor for the basin as described, would it be possible to provide the name and location of the manufacturer that was used for the design basis?

Answer: Yes, please refer to the Delta Environmental DGF12-LPS system.

7. Question: E.2.6.E, E.2.6.F, E.2.6.G (p.16/22) references a pump controller, please clarify.

Answer: The pump controller referenced is the control panel with the mercury float switches for automatic start, stop, and high level.

8. Question: F Bid Schedule (p.18/22) implies that a single pump system is being offered and yet we are aware that several thousand of these packages will be procured over time. We believe it is in the best interest of The City of Stuart to entertain quantity pricing in order to arrive at the best possible price levels. Our experience in Port St. Lucie taught us that, while initially the purchases were a few at a time, at some point truckloads at a time were being delivered. We recommend that you consider requesting prices on interval quantities (e.g. 1, 10, 25, 100, 500) to take advantage of volume discounts that are offered by the various vendors, and more importantly, freight companies. Additionally, it is difficult for us to place a responsible bid, giving consideration to C3 (p. 6/23), without having an idea of the volume of product required within a given time frame.

Answer: The City will order twenty-five units at a time and anticipates purchasing three-hundred fifty units during the initial two year contract period (one-hundred fifty units are projected for the 1<sup>st</sup> year and two-hundred for the 2<sup>nd</sup> year).

All other terms and conditions remain unchanged.

END OF ADDENDUM NO. 1

Respectfully,

Rebecca S. Begley, CPPB, A.P.P., FCCM

Acknowledgement is hereby made of Addendum #1 to ITB #2012-268:

Signature

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