

# City of Greencastle

City Hall  
One North Locust Street, P.O. Box 607  
Greencastle, Indiana 46135  
765.653.9211  
[ldunbar@cityofgreencastle.com](mailto:ldunbar@cityofgreencastle.com)



**Lynda R. Dunbar**  
Clerk Treasurer

## Greencastle Board of Works Regular Meeting Minutes

**December 17, 2014**

**4:30 P.M.**

**Greencastle City Hall**

### I. **Call to Order; Roll Call**

A. Mayor Murray called the meeting to order at 4:30 PM; upon roll by Clerk-Treasurer Lynda Dunbar the following were present Susan Murray, Thom Morris and Trudy Selvia.

II. **Special Request-** Jim Wright presented a verbal complaint to the BOW about a sewer issue he was having at his property. He showed the board pictures of his issues. Mr. Thom Morris asked that this issue be tabled until Mr. Wright provided his complaint in writing to the Board of Works. Mr. Wright said he would provide the complaint in writing to the board.

III. **Bid Opening Star Development-** One bid from Energy Conservation was submitted and opened. A motion by Trudy Selvia was made to take the bid under advisement until Start Development could review, second by Thom Morris, 3-0, motion carried.

### IV. **Approval of Minutes**

A. **Regular Session** – November 19, 2014

B. **Special Session** – December 1, 2014

Motion by Trudy Selvia to accept both November 19, 2014 and December 1, 2014 minutes as presented, second Thom Morris, 3-0, motion carried.

### V. **Approval of Claims**

A. **Water-**Motion by Trudy Selvia to accept the Water Claims as presented, second Thom Morris, 3-0, motion carried

B. **Wastewater-**Motion by Trudy Selvia to accept the Wastewater Claims as presented, second Thom Morris, 3-0, motion carried.

### VI. **Department Reports**

A. Fire Department – Bill Newgent

B. Planner – Shannon Norman

C. Police Department – Tom Sutherlin

D. Department of Public Works – Brad Phillips

E. Water & Wastewater Department – Robert Lovell

F. City Attorney - Laurie Robertson Hardwick

G. Park and Recreation – Rod Weinschenk

## VII. Old Business


**A. Updates IDEM Compliance Efforts.**- Curry & Associates provided their recommendation for Division I: Water Treatment Facility Improvements Bid Award, Division II: 1.0 MG Clearwell Tank Bid Award and Division III: Water Supply Well Rehabilitation Bid Award (All three recommendations attached with these minutes). Motion was made by Trudy Selvia to accept Curry & Associates recommendations as presented and to allow Mayor Sue Murray to sign the bids and the appropriate changes orders as a result of the recommendations, second Thom Morris, 3-0, motion carried

## VIII. New Business

- A. Contract for Fire Protection Services for the Township** – Motion by Trudy Selvia to accept the contract as presented, second Thom Morris, 3-0, motion carried.
- B. Jerrell Consulting for SRF Grant Compliance Services**- Motion by Trudy Selvia to allow Mayor Murray to sign the contract with Jerrell Consulting, second Thom Morris, 3-0, motion carried.
- C. Notice to Proceed for Graves Plumbing**- Motion by Trudy Selvia to allow Mayor Murray to sign the notice to proceed with Graves Plumbing, second Thom Morris, 3-0, motion carried.
- D. Notice to Proceed for Graves Plumbing**- Motion by Trudy Selvia to allow Mayor Murray to sign the notice to proceed with Mid-Atlantic Storage Systems Inc., second Thom Morris, 3-0, motion carried.
- E. Water & Trash Request for Write-offs**- Motion by Trudy Selvia to accept the list of water and trash write-offs as presented, second Thom Morris, 3-0, motion carried.

## Adjournment

Motion by Trudy Selvia to dismiss at 5:15 p.m., second by Thom Morris, 3-0, motion carried.

  
Susan V. Murray, Mayor

ATTEST:

  
Lynda R. Dunbar, Clerk Treasurer



**CURRY & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & ARCHITECTS

December 1, 2014

Honorable Mayor Susan Murray  
Greencastle City Hall  
1 North Locust Street  
Greencastle, Indiana 46135

RE: Waterworks Improvements Division I: Water Treatment Facility Improvements  
Bid Award Recommendation

Dear Mayor Murray,

The City of Greencastle received a total of four (4) bids for the Division I Water Treatment Facility Improvements Project on Tuesday, November 25, 2014. All bids were responsible and responsive. Please find attached a Certified Bid Tabulation.

The lowest bid was submitted by Graves Plumbing Company, Inc., for the amount of \$1,678,678.00. Our firm has worked with Graves Plumbing Co. on a number of water and wastewater facility projects over the years. They have served as contractor for projects we have designed ranging in cost from approximately \$200,000 - \$4,000,000. Graves has a good deal of experience in this type of work, and a qualified team of individuals to complete the project. It is our opinion that Graves has the technical knowledge and skill to perform the required scope of work, and complete the project in a timely manner.

I recommend award of the Division I Water Treatment Facility Improvements project to Graves Plumbing Company, Inc., for the Base Bid amount of \$1,678,678.00, contingent upon final funding by the State Revolving Fund Loan Program.

Please contact me if you have any questions or concerns regarding this project.

Sincerely,

Lori A. Young, P.E.

Attachment: Certified Bid Tabulation

**CITY OF GREENCASTLE, INDIANA  
WATERWORKS IMPROVEMENTS - DIVISION I  
WATER TREATMENT FACILITY IMPROVEMENTS  
BID TABULATION - BASE BID**

ITEM NO.	DESCRIPTION	QTY.	UNITS	Graves Plumbing Co., Inc.		Thieneman Construction, Inc.		RL Turner Corporation		M.K. Betts Engineering & Contracting, Inc.	
				TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST		
1	SITE WORK, EXCAVATION & GRADING	1	L.S.	\$ 65,444.00	\$ 92,000.00	\$ 145,000.00	\$ 83,100.00				
2	BUILDING CONSTRUCTION AND MODIFICATIONS	1	L.S.	\$ 115,431.00	\$ 238,000.00	\$ 215,000.00	\$ 435,000.00				
3	FILTER MEDIA REPLACEMENT	1	L.S.	\$ 111,305.00	\$ 148,000.00	\$ 140,000.00	\$ 141,600.00				
4	FILTER WALL, GRATING, HANDRAIL, ACCESS STAIRS & RELOCATION OF EQUIPMENT	1	L.S.	\$ 91,944.00	\$ 43,000.00	\$ 70,000.00	\$ 64,100.00				
5	PAINTING	1	L.S.	\$ 54,310.00	\$ 32,000.00	\$ 35,000.00	\$ 28,600.00				
6	ELECTRICAL, COMPLETE	1	L.S.	\$ 194,714.00	\$ 130,000.00	\$ 145,000.00	\$ 124,000.00				
7	YARD PIPING	1	L.S.	\$ 133,302.00	\$ 198,000.00	\$ 116,000.00	\$ 134,800.00				
8	PLANT VALVES AND PIPING	1	L.S.	\$ 272,902.00	\$ 395,000.00	\$ 355,000.00	\$ 262,000.00				
9	HIGH SERVICE PUMPS (3)	1	L.S.	\$ 106,708.00	\$ 90,000.00	\$ 87,000.00	\$ 141,400.00				
10	TRANSFER PUMPS (REPLACEMENT OF EXISTING HSP's)	1	L.S.	\$ 93,110.00	\$ 62,000.00	\$ 75,000.00	\$ 57,400.00				
11	FLOW METERS (ALL)	1	L.S.	\$ 88,312.00	\$ 30,000.00	\$ 35,000.00	\$ 30,000.00				
12	COAGULANT FEED SYSTEM	1	L.S.	\$ 25,763.00	\$ 60,000.00	\$ 43,000.00	\$ 42,800.00				
13	CHLORINE FEED SYSTEM & ANALYZERS	1	L.S.	\$ 120,314.00	\$ 20,000.00	\$ 106,000.00	\$ 45,000.00				
14	SCADA	1	L.S.	\$ 185,119.00	\$ 181,000.00	\$ 174,000.00	\$ 165,300.00				
15	DEMOLITION	1	L.S.	\$ 20,000.00	\$ 30,000.00	\$ 18,000.00	\$ 7,500.00				
	<b>TOTAL BASE BID AMOUNT</b>			<b>\$ 1,678,678.00</b>	<b>\$ 1,749,000.00</b>	<b>\$ 1,759,000.00</b>	<b>\$ 1,762,600.00</b>				

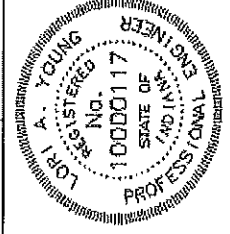
**BID TABULATION - ALTERNATE BID NO. 1 BACKWASH WATER RECYCLE**

ITEM NO.	DESCRIPTION	QTY.	UNITS	Graves Plumbing Co., Inc.		Thieneman Construction, Inc.		RL Turner Corporation		M.K. Betts Engineering & Contracting, Inc.	
				TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST		
1	3" FORCE MAIN PIPING, COMPLETE	1	L.S.	\$ 10,179.00	\$ 16,000.00	\$ 29,000.00	\$ 6,650.00				
2	3" MAG METER	1	L.S.	\$ 4,240.00	\$ 3,000.00	\$ 3,000.00	\$ 2,850.00				
3	ELECTRICAL & CONTROLS, COMPLETE	1	L.S.	\$ 9,343.00	\$ 3,000.00	\$ 2,000.00	\$ 8,000.00				
4	PUMP BASE, PIPING & SUPPORT MODIFICATION (1 PUMP)	1	L.S.	\$ 2,500.00	\$ 4,000.00	\$ 5,000.00	\$ 1,075.00				
	<b>TOTAL ALTERNATE BID NO. 1 AMOUNT</b>			<b>\$ 26,262.00</b>	<b>\$ 26,000.00</b>	<b>\$ 39,000.00</b>	<b>\$ 18,575.00</b>				

BID FORM 96, ATTACHMENT TO BID FORM 96, 10% BID BOND, LETTER FROM SURETY & ACKNOWLEDGE ADDENDA 1 & 2

I, Lori A. Young, P.E., hereby certify that this is a true and accurate tabulation of the bids received by the City of Greencastle on November 25, 2014, for the Waterworks Improvements Division I - Water Treatment Facility Improvements Project. All bids received were responsibly and responsibly submitted.

*Lori A. Young*



November 26, 2014



**CURRY & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & ARCHITECTS

December 1, 2014

Honorable Mayor Susan Murray  
Greencastle City Hall  
1 North Locust Street  
Greencastle, Indiana 46135

RE: Waterworks Improvements Division II: 1.0 MG Clearwell Tank  
Bid Award Recommendation

Dear Mayor Murray,

The City of Greencastle received a total of four (4) bids for the Division II - 1.0 MG Clearwell Tank Project on Tuesday, November 25, 2014. All bids were responsible and responsive. Please find attached a Certified Bid Tabulation.

The Base Bid for this project was for a Pre-stressed Concrete Tank. Three bids were received for the Base Bid, ranging from \$998,765.00 - \$1,316,450.00. Alternate Bid No. 1 was for a Bolted Tank (Glass Fused to Steel) Tank, in lieu of the Base Bid Concrete Tank. One bid was received for the Alternate Bid No. 1 Tank Style. The bid submitted by Mid Atlantic Storage Systems, Inc. for the Alternate Bid No. 1 was \$783,680.00. An Alternate Bid No. 2 was received for the addition of a passive tank mixing system. This mixing system was applicable to both the Base Bid and Alternate Bid No. 1 tanks.

Our firm has previously worked with Mid Atlantic Storage Systems, Inc. on a number of water storage tanks. They have served as contractor for tank projects we have designed ranging in size from 250,000 gallons to 2,000,000 gallons. Mid Atlantic Storage Systems has extensive knowledge and experience in this type of work, along with qualified individuals to complete the project. It is our opinion that Mid Atlantic Storage Systems has the technical knowledge and skill to perform the required scope of work, and complete the project in a timely manner. Rob Lovell has also recently visited their production facility in Illinois, and was satisfied with the quality of their product.

I recommend award of the Division II – 1.0 MG Water Storage Tank to Mid Atlantic Storage Systems, Inc., for the Base Bid amount of \$783,680.00, contingent upon final funding by the State Revolving Fund Loan Program. The savings of \$215,000 offered by the Bolted, Glass fused to steel tank is a good value to the City of Greencastle.

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Please contact me if you have any questions or concerns regarding this project.

Sincerely,

Lori A. Young, P.E.

**CITY OF GREENCASTLE, INDIANA**  
**WATERWORKS IMPROVEMENTS - DIVISION II**  
**1.0 MG CLEARWELL TANK**  
**BASE BID: PRESTRESSED CONCRETE TANK**  
**BID TABULATION**

ITEM NO.	DESCRIPTION	QTY.	UNITS	Mid Atlantic Storage Systems, Inc.	DN Tanks, Inc.	Caldwell Tanks, Inc.	Preload, Inc.
				TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST
1	SITE WORK, EXCAVATION & GRADING	1	L.S.	NO BID	\$ 77,400.00	\$ 79,000.00	\$ 137,000.00
2	CONCRETE FOOTING AND FOUNDATION	1	L.S.	NO BID	\$ 141,140.00	\$ 250,000.00	\$ 370,000.00
3	WALL PANEL FABRICATION	1	L.S.	NO BID	\$ 498,140.00	\$ 250,000.00	\$ 211,000.00
4	ERECTION OF WATER STORAGE TANK	1	L.S.	NO BID	\$ 124,535.00	\$ 290,000.00	\$ 475,000.00
5	TANK COATINGS	1	L.S.	NO BID	\$ 12,454.00	\$ 35,000.00	\$ 8,000.00
6	OVERFLOW PIPING	1	L.S.	NO BID	\$ 14,530.00	\$ 10,000.00	\$ 6,500.00
7	BASE ELBOWS AND YARD PIPING	1	L.S.	NO BID	\$ 37,370.00	\$ 56,000.00	\$ 25,300.00
8	DISINFECTION	1	L.S.	NO BID	\$ 2,076.00	\$ 10,000.00	\$ 3,500.00
10	DEMOLITION	1	L.S.	NO BID	\$ 8,125.00	\$ 27,000.00	\$ 19,100.00
11	EXCAVATION CUT - REMOVAL OF UNSUITABLE SOILS	1,650	C.Y.	NO BID	\$ 17,655.00	\$ 30,000.00	\$ 9,900.00
12	ENGINEERED BACKFILL	1,650	C.Y.	NO BID	\$ 65,340.00	\$ 45,000.00	\$ 51,150.00
<b>TOTAL BASE BID AMOUNT</b>				NO BID	\$ 998,765.00	\$ 1,082,000.00	\$ 1,316,450.00

**ALTERNATE BID NO. 1: BOLTED GLASS-FUSED-TO-STEEL TANK**  
**BID TABULATION**

ITEM NO.	DESCRIPTION	QTY.	UNITS	Mid Atlantic Storage Systems, Inc.	DN Tanks, Inc.	Caldwell Tanks, Inc.	Preload, Inc.
				TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST
1	SITE WORK, EXCAVATION & GRADING	1	L.S.	\$ 24,115.00	NO BID	NO BID	NO BID
2	CONCRETE FOOTING AND FOUNDATION	1	L.S.	\$ 126,035.00	NO BID	NO BID	NO BID
3	STEEL FABRICATION & DELIVERY	1	L.S.	\$ 364,200.00	NO BID	NO BID	NO BID
4	ERECTION OF WATER STORAGE TANK	1	L.S.	\$ 101,960.00	NO BID	NO BID	NO BID
5	TANK COATINGS	1	L.S.	INCLUDED	NO BID	NO BID	NO BID
6	OVERFLOW PIPING	1	L.S.	\$ 5,400.00	NO BID	NO BID	NO BID
7	BASE ELBOWS AND YARD PIPING	1	L.S.	\$ 51,870.00	NO BID	NO BID	NO BID
8	DISINFECTION	1	L.S.	\$ 2,500.00	NO BID	NO BID	NO BID
10	DEMOLITION	1	L.S.	\$ 13,600.00	NO BID	NO BID	NO BID
11	EXCAVATION CUT - REMOVAL OF UNSUITABLE SOILS	1,650	C.Y.	\$ 27,000.00	NO BID	NO BID	NO BID
12	ENGINEERED BACKFILL	1,650	C.Y.	\$ 67,000.00	NO BID	NO BID	NO BID
<b>TOTAL ALTERNATE BID NO. 1 AMOUNT</b>				\$ 783,680.00	NO BID	NO BID	NO BID

**ALTERNATE BID NO. 2: TANK MIXING SYSTEM**  
**BID TABULATION**

ITEM NO.	DESCRIPTION	QTY.	UNITS	Mid Atlantic Storage Systems, Inc.	DN Tanks, Inc.	Caldwell Tanks, Inc.	Preload, Inc.
				TOTAL COST	TOTAL COST	TOTAL COST	TOTAL COST
1	INSTALLATION OF TANK MIXING SYSTEM, COMPLETE	1	L.S.	\$ 90,375.00	\$ 115,470.00	\$ 102,500.00	\$ 74,520.00
2	DELETE 16" HORIZONTAL AND VERTICAL FILL PIPE INSIDE TANK	-1	L.S.	\$ (36,705.00)	\$ (56,320.00)	\$ (22,000.00)	\$ (35,600.00)
<b>TOTAL ALTERNATE BID NO. 2 AMOUNT</b>				\$ 53,670.00	\$ 59,150.00	\$ 80,500.00	\$ 38,920.00

I, Lori A. Young, P.E., hereby certify that this is a true and accurate tabulation of the bids received by the City of Greencastle on November 25, 2014, for the Division II - 1.0 MG Clearwell Tank Project. All bids received were responsive and responsible, provided with the require Bid Bond, Letter of Surety, Signed Bid Form 96, and Acknowledged Addenda 1 & 2.

*Lori A. Young*  
 November 26, 2014





**CURRY & ASSOCIATES, INC.**  
CONSULTING ENGINEERS & ARCHITECTS

December 1, 2014

Honorable Mayor Susan Murray  
Greencastle City Hall  
1 North Locust Street  
Greencastle, Indiana 46135

RE: Waterworks Improvements Division III: Water Supply Well Rehabilitation  
Bid Award Recommendation

Dear Mayor Murray,

The City of Greencastle received a total of three (3) bids for the Division III – Water Supply Well Rehabilitation Project on Tuesday, November 25, 2014. Please find attached a Certified Bid Tabulation. All bids provided required Bid Bond, Letter from Surety, Signed Bid Form 96 and acknowledged addenda. There was some discrepancy on two bids (Bastin-Logan Water Services and National Water Services, LLC) between the “price in words” and totals on the itemized proposals.

The Base Bid for this project included rehabilitation improvements to Wells 1, 2, 3, 6 and 7. The Base Bid amounts ranged from \$207,467 - \$366,762, per the bid in written words, with Bastin-Logan Water Services. National Water Services noted an error on their bid form, where they had included Alternate Bid No. 1 in their written total. With correction to the Base Bid from National Water Services, LLC, their Base Bid amount of \$186,210.00 would be the lowest amount.

Alternate Bid No. 1 was for the total replacement of Well No. 5. The lowest bid for Alternate Bid No. 1 was submitted by National Water Services, LLC., for the amount of \$180,550.20.

Due to overall project funding limits, and bid amounts for the Division I and II projects, I do not recommend award of the Division III Well Rehabilitation Project. Division I and II projects are most critical to Greencastle’s efforts to meet the Surface Water Treatment Rules and should be given highest priority.

The City is currently in the process of cleaning all wells. We are working with the proposed Division I contractor to identify cost savings on that project. Our goal is to reduce project costs on Division I to provide funding for well rehabilitation improvements.

Please contact me if you have any questions or concerns regarding this project.

Sincerely,

Lori A. Young, P.E.

**CITY OF GREENCASTLE  
WATERWORKS IMPROVEMENTS DIVISION IIF- WATER SUPPLY WELL REHABILITATION  
BID TABULATION**

<b>WELL NUMBER ONE IMPROVEMENTS</b>												
ITEM NO.	DESCRIPTION	UNITS	QUANTITY	Bastin-Logan Water Services, Inc.			Layne Christensen Company			National Water Services, LLC*		
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE			
1	Overboard Well Pumping Test Well No. 1 Prior to Well Cleaning	Lump Sum	1	\$ 600.00	\$ 600.00	\$ 3,600.00	\$ 3,600.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	
2	Remove, Clean, Inspect Vertical Turbine Pump and Return to Owner	Lump Sum	1	\$ 600.00	\$ 600.00	\$ 6,200.00	\$ 6,200.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	\$ 1,600.00	
3	Chemically and Mechanical Cleaning Well No. 1	Lump Sum	1	\$ 5,270.00	\$ 5,270.00	\$ 11,200.00	\$ 11,200.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	
4	Video Camera Well Casing and Well Screen after Well Cleaning	Lump Sum	1	\$ 1,200.00	\$ 1,200.00	\$ 2,000.00	\$ 2,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	
5	Overboard Well Pumping After Well No. 1 Well Cleaning	Lump Sum	1	\$ 600.00	\$ 600.00	\$ 3,600.00	\$ 3,600.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	
6	Install New Vertical Turbine Well Pump 1,000 gpm @ 75' TDH	Lump Sum	1	\$ 13,923.00	\$ 13,923.00	\$ 20,500.00	\$ 20,500.00	\$ 10,230.00	\$ 10,230.00	\$ 10,230.00	\$ 10,230.00	
7	Furnish and Install New 25 H.P. Electric Motor	Lump Sum	1	\$ 3,780.00	\$ 3,780.00	\$ 2,600.00	\$ 2,600.00	\$ 3,634.00	\$ 3,634.00	\$ 3,634.00	\$ 3,634.00	
8	Furnish and Install New VFD Drive on Well No. 1	Lump Sum	1	\$ 32,378.00	\$ 32,378.00	\$ 30,550.00	\$ 30,550.00	\$ 29,000.00	\$ 29,000.00	\$ 29,000.00	\$ 29,000.00	
9	Modify Badger Water Meter With New Head	Lump Sum	1	\$ 4,000.00	\$ 4,000.00	\$ 5,900.00	\$ 5,900.00	\$ 5,785.00	\$ 5,785.00	\$ 5,785.00	\$ 5,785.00	
10	Furnish and Install New Submersible Water Level & Temperature Sensor	Lump Sum	1	\$ 3,680.00	\$ 3,680.00	\$ 5,000.00	\$ 5,000.00	\$ 3,257.00	\$ 3,257.00	\$ 3,257.00	\$ 3,257.00	
11	Painting of well piping, valves and discharge head	By Owner	1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
12	Sterilization	Lump Sum	1	\$ 100.00	\$ 100.00	\$ 2,370.00	\$ 2,370.00	\$ 280.00	\$ 280.00	\$ 280.00	\$ 280.00	
*TOTAL BID AMOUNT FOR WELL NUMBER ONE IMPROVEMENTS				\$	\$ 66,131.00	\$	\$ 93,520.00	\$	\$ 70,486.00	\$	\$ 70,486.00	
PRICE IN WORDS - ATTACHMENT TO BID FORM 96				\$	\$ 66,131.00	\$	\$ 93,520.00	\$	\$ 70,486.00	\$	\$ 70,486.00	

<b>WELL NUMBER TWO IMPROVEMENTS</b>												
ITEM	DESCRIPTION	UNITS	QUANTITY	Bastin-Logan Water Services, Inc.			Layne Christensen Company			National Water Services, LLC*		
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE			
1	Perform Electrical to make Level and Temperature Sensor ready for SCADA	Lump Sum	1	\$ 21,034.00	\$ 21,034.00	\$ 8,500.00	\$ 8,500.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
2	Furnish and install new water level transducer and temperature sensor	Lump Sum	1	\$ 4,990.00	\$ 4,990.00	\$ 11,210.00	\$ 11,210.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
*TOTAL BID AMOUNT FOR WELL NUMBER TWO IMPROVEMENTS				\$	\$ 26,024.00	\$	\$ 19,710.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
PRICE IN WORDS - ATTACHMENT TO BID FORM 96				\$	\$ 26,024.00	\$	\$ 19,710.00	\$	\$ 8,951.00	\$	\$ 8,951.00	

<b>WELL NUMBER THREE IMPROVEMENTS</b>												
ITEM	DESCRIPTION	UNITS	QUANTITY	Bastin-Logan Water Services, Inc.			Layne Christensen Company			National Water Services, LLC*		
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE			
1	Furnish and install new electrical components as shown on plans	Lump Sum	1	\$ 21,034.00	\$ 21,034.00	\$ 13,045.00	\$ 13,045.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
2	Furnish and install new water level transducer and temperature sensor	Lump Sum	1	\$ 4,990.00	\$ 4,990.00	\$ 5,200.00	\$ 5,200.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
3	Modify existing Badger water meter with new head	Lump Sum	1	\$ 2,330.00	\$ 2,330.00	\$ 5,900.00	\$ 5,900.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
*TOTAL BID AMOUNT FOR WELL NUMBER THREE IMPROVEMENTS				\$	\$ 28,354.00	\$	\$ 24,145.00	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	No Itemized Proposal	
PRICE IN WORDS - ATTACHMENT TO BID FORM 96				\$	\$ 28,354.00	\$	\$ 24,145.00	\$	\$ 35,591.00	\$	\$ 35,591.00	

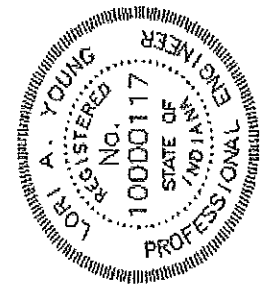


<b>WELL NUMBER SIX IMPROVEMENTS</b>									
ITEM	DESCRIPTION	UNITS	QUANTITY	Bastin-Logan Water Services, Inc.		Layne Christensen Company		National Water Services, LLC*	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Furnish and install New 25 H.P. Electric Motor on existing pump head	Lump Sum	1	\$ 3,780.00	\$ 3,780.00	\$ 2,600.00	\$ 2,600.00	No Itemized Proposal	
2	Furnish and Install New VFD Drive on Well No. 1	Lump Sum	1	\$ 16,795.00	\$ 16,795.00	\$ 18,400.00	\$ 18,400.00	No Itemized Proposal	
3	Furnish and install new electrical components as shown on plans	Lump Sum	1	\$ 15,584.00	\$ 15,584.00	\$ 15,450.00	\$ 15,450.00	No Itemized Proposal	
4	Furnish and install new water level transducer and temperature sensor	Lump Sum	1	\$ 4,990.00	\$ 4,990.00	\$ 5,200.00	\$ 5,200.00	No Itemized Proposal	
5	Modify existing Badger water meter with new head	Lump Sum	1	\$ 2,330.00	\$ 2,330.00	\$ 4,727.00	\$ 4,727.00	No Itemized Proposal	
6	Painting of well piping, valves and discharge head	Lump Sum	1	N/A	\$ -	\$ -	\$ -	No Itemized Proposal	
<b>TOTAL BID AMOUNT FOR WELL NUMBER SIX IMPROVEMENTS</b>				\$	43,479.00	\$	46,377.00	No Itemized Proposal	
<b>PRICE IN WORDS - ATTACHMENT TO BID FORM 96</b>				\$	43,479.00	\$	46,377.00	\$	35,591.00

<b>WELL NUMBER SEVEN IMPROVEMENTS</b>									
ITEM NO.	DESCRIPTION	UNITS	QUANTITY	Bastin-Logan Water Services, Inc.		Layne Christensen Company		National Water Services, LLC*	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Furnish and install New 25 H.P. Electric Motor on existing pump head	Lump Sum	1	\$ 3,780.00	\$ 3,780.00	\$ 2,600.00	\$ 2,600.00	No Itemized Proposal	
2	Furnish and Install New VFD Drive on Well No. 1	Lump Sum	1	\$ 16,795.00	\$ 16,795.00	\$ 18,400.00	\$ 18,400.00	No Itemized Proposal	
3	Furnish and install new electrical components as shown on plans	Lump Sum	1	\$ 15,584.00	\$ 15,584.00	\$ 15,450.00	\$ 15,450.00	No Itemized Proposal	
4	Furnish and install new water level transducer and temperature sensor	Lump Sum	1	\$ 4,990.00	\$ 4,990.00	\$ 5,200.00	\$ 5,200.00	No Itemized Proposal	
5	Modify existing Badger water meter with new head	Lump Sum	1	\$ 2,330.00	\$ 2,330.00	\$ 4,727.00	\$ 4,727.00	No Itemized Proposal	
6	Painting of well piping, valves and discharge head	Lump Sum	1	N/A	\$ -	\$ -	\$ -	No Itemized Proposal	
<b>*TOTAL BID AMOUNT FOR WELL NUMBER SEVEN IMPROVEMENTS</b>				\$	43,479.00	\$	46,377.00	No Itemized Proposal	
<b>PRICE IN WORDS - ATTACHMENT TO BID FORM 96</b>				\$	43,479.00	\$	46,377.00	\$	35,591.00

<b>TOTAL SUM OF BASE BIDS FOR WELLS 1, 2, 3, 6 &amp; 7</b>									
<b>TABULATED FROM ITEMIZED BID PROPOSALS</b>				Bastin-Logan Water Services, Inc.		Layne Christensen Company		National Water Services, LLC*	
				\$	207,467.00	\$	230,129.00	\$	186,210.00
<b>WRITTEN WORDS (ATTACHMENT TO BID FORM 96)</b>				\$	207,467.00	\$	230,129.00	\$	366,762.00

ALTERNATE BID NO. 1 - WELL FIVE REPLACEMENT											
ITEM	DESCRIPTION	UNIT	TOTAL	Bastin-Logan Water Services, Inc.		Layne Christensen Company		National Water Services, LLC*			
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE		
1	6" DIAMETER TEST WELL, CASING AND SAMPLE FORMATION	L.F.	60	\$ 73.00	\$ 4,380.00	\$ 65.00	\$ 3,900.00	\$ 41.67	\$ 2,500.20		
2	32" X 20" DIAMETER GRAVEL WALL WATER SUPPLY WELL NO. 5	L.F.	60	\$ 599.00	\$ 35,940.00	\$ 195.00	\$ 11,700.00	\$ 390.00	\$ 23,400.00		
3	20" DIA. STEEL WELL CASING, 0.375" WALL THICKNESS	L.F.	52	\$ 96.00	\$ 4,992.00	\$ 117.00	\$ 6,084.00	\$ 107.00	\$ 5,564.00		
4	20" DIA. STAINLESS STEEL WIRE WOUND WELL SCREEN	L.F.	10	\$ 375.00	\$ 3,750.00	\$ 350.00	\$ 3,500.00	\$ 494.00	\$ 4,940.00		
5	INSTALL NEW VERTICAL TURBINE PUMP 1,000 GPM @ 75' TDH	L.S.	1	\$ 7,823.00	\$ 7,823.00	\$ 18,900.00	\$ 18,900.00	\$ 10,461.00	\$ 10,461.00		
6	FURNISH AND INSTALL 8" X 8" X 16" CAST IRON PUMP DISCHARGE HEAD	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 5,880.00	\$ 5,880.00	\$ 2,997.00	\$ 2,997.00		
7	FURNISH AND INSTALL NEW VFD DRIVE	L.S.	1	\$ 16,815.00	\$ 16,815.00	\$ 16,750.00	\$ 16,750.00	\$ 29,000.00	\$ 29,000.00		
8	FURNISH AND INSTALL NEW 25 H.P. VERTICAL HOLLOW SHAFT MOTOR	LUMP SUM	1	\$ 3,500.00	\$ 3,500.00	\$ 2,600.00	\$ 2,600.00	\$ 3,946.00	\$ 3,946.00		
9	MISCELLANEOUS ELECTRICAL WORK	LUMP SUM	1	\$ 11,522.00	\$ 11,522.00	\$ 16,000.00	\$ 16,000.00	\$ 9,375.00	\$ 9,375.00		
10	FURNISH AND INSTALL NEW 8" MAG METER	LUMP SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 5,880.00	\$ 5,880.00	\$ 4,719.00	\$ 4,719.00		
11	DISCHARGE PIPING, CHECK VALVE, GATE VALVE, DRAINBACK	EACH	1	\$ 15,346.00	\$ 15,346.00	\$ 14,700.00	\$ 14,700.00	\$ 14,204.00	\$ 14,204.00		
12	PRESSURE GAUGE AND SAMPLE COCK	L.S.	1	\$ 4,000.00	\$ 4,000.00	\$ 600.00	\$ 600.00	\$ 300.00	\$ 300.00		
13	WELL TOWER, GRATING AND CONCRETE SEAL	L.S.	1	\$ 17,000.00	\$ 17,000.00	\$ 37,600.00	\$ 37,600.00	\$ 19,150.00	\$ 19,150.00		
14	PRECAST CONCRETE VAULT, ALUM LADDER, & ALUMINUM HATCH	EACH	1	\$ 14,500.00	\$ 14,500.00	\$ 20,000.00	\$ 20,000.00	\$ 12,992.00	\$ 12,992.00		
15	STEP RATE PUMPING TEST	L.S.	1	\$ 2,000.00	\$ 2,000.00	\$ 2,950.00	\$ 2,950.00	\$ 3,250.00	\$ 3,250.00		
16	CONSTANT RATE PUMPING TEST	HOUR	24	\$ 125.00	\$ 3,000.00	\$ 175.00	\$ 4,200.00	\$ 275.00	\$ 6,600.00		
17	SITE WORK AT WELL	L.S.	1	\$ 3,000.00	\$ 3,000.00	\$ 11,800.00	\$ 11,800.00	\$ 3,500.00	\$ 3,500.00		
18	DUCTILE IRON MECHANICAL JOINTS PIPE AND FITTINGS	L.S.	1	\$ 31,740.00	\$ 31,740.00	\$ 35,300.00	\$ 35,300.00	\$ 16,170.00	\$ 16,170.00		
19	WATER ANALYSIS	L.S.	1	\$ 2,500.00	\$ 2,500.00	\$ 5,880.00	\$ 5,880.00	\$ 3,750.00	\$ 3,750.00		
20	AIR & VACUUM RELEASE VALVE	EACH	1	\$ 680.00	\$ 680.00	\$ 1,200.00	\$ 1,200.00	\$ 1,075.00	\$ 1,075.00		
21	PAINTING WELL TOWER, DISCHARGE PIPING AND VALVES	BY OWNER	1	\$ 3,000.00	\$ 3,000.00	\$ 4,700.00	\$ 4,700.00	\$ -	\$ -		
22	NEW SUBMERSIBLE WATER LEVEL AND TEMPERATURE SENSOR	L.S.	1	\$ 3,000.00	\$ 3,000.00	\$ 5,200.00	\$ 5,200.00	\$ 3,257.00	\$ 3,257.00		
<b>ALTERNATE BID NO. 1 AMOUNT - REPLACEMENT WELL NUMBER FIVE</b>				<b>\$</b>	<b>195,488.00</b>	<b>\$</b>	<b>235,324.00</b>	<b>\$</b>	<b>180,550.20</b>		
<b>TOTAL ALTERNATE BID NO. 5 - WRITTEN WORDS</b>				<b>\$</b>	<b>191,888.00</b>	<b>\$</b>	<b>235,324.00</b>	<b>\$</b>	<b>180,550.20</b>		



I, Lori A. Young, P.E., hereby certify that this is a true and accurate tabulation of the bids received by the City of Greencastle on November 25, 2014, for the Division III - Water Supply Well Rehabilitation Project. All bids received were responsive and responsible, provided with the require Bid Bond, Letter of Surety, Signed Bid Form 96, and Acknowledged Addenda 1, 2 & 3. There were two bids with discrepancies related to the bid amount in "Written words" and "tabulated totals", etc. (1) Bastin-Logan Water Services: Price in Words for Alternate Bid No. 5 was \$191,888.00. This is less than the tabulated amount of \$195,488.00. (2) National Water Services LLC: The written "Total Sum of Base Bids for Wells 1, 2, 3, 6 & 7" was \$366,762.00; however, the sum of individual bid amounts for these wells = \$186,210.00. National Water Services, LLC, did not provide itemized Bid Proposals for Well No. 2, Well No. 3, Well No. 6 or Well No. 7; however they did provide lump sum total prices for this work as identified in the tabulation.

*Lori A. Young*

November 26, 2014