



April 24, 2017

**VIA EMAIL & US MAIL**

Mr. Dan Jonasson  
 City of Minot Public Works Director  
 1025 31<sup>st</sup> St. SE  
 Minot, ND 58701

**Subject: Bid Review Opinion  
 City Contract No. 4195.1  
 Sundre Raw Water Supply Reservoir and Pump Station**

Mr. Jonasson,

The following review was performed on the bids received for the referenced project. Four Bids were received for the Project, however the Bid from PKG Contracting, Inc. could not be opened due to a missing notarization on the Acknowledgement for Principal in the Bid Bond Envelope attachment. The other three bids were conforming with the requirements to be opened, with Rice Lake Construction Group of Deerwood, Minnesota the apparent low bidder and ICS Inc. of Grand Forks, North Dakota and Swanberg Construction Inc. of Valley City, North Dakota also submitting conforming Bids. Upon full tabulation of the Bids, it was discovered that ICS had included prices for the Well D work that was stricken with Addendum #3. Once the totals for Well D work were removed, ICS was found to be the actual Low Bidder with just under a \$100,000 margin.

**BIDDING INFORMATION REVIEW:**

The following table summarizes the bids received from the three (3) bidders that submitted on the project: (1) ICS Inc.; (2) Rice Lake Construction Group; and (3) Swanberg Construction, Inc. A summary of each bidder's information provided as requested and required to be considered as a responsive and responsible bidder follows the tabulated bid information:

<b>Bidder</b>	<b>Base Bid Price</b>	<b>Alternate Bid Price</b>
ICS, Inc.	\$6,563,330.50	\$6,579,230.50
Rice Lake Construction Group	\$6,663,200.00	\$6,674,860.00
Swanberg Construction Inc.	\$6,887,872.00	\$6,900,062.00
<b>Engineers OPCC</b>	<b>\$6,377,223.00</b>	<b>\$ 6,390,473.00</b>

ICS, Inc.

- 1) No irregularities were noted in the Bid Bond, Acknowledgement of Principal or Surety.
- 2) A North Dakota Class A Contractors License Certificate of Renewal was provided.
- 3) Receipt of Addenda 1 through 3 were acknowledged.
- 4) The EJCDC C-451 Qualification Statement was provided, including resumes of key personnel.
- 5) Failure to complete project and dispute history certification was provided with "None" indicated.
- 6) The list of subcontractors and suppliers was not included, but has since been provided.

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Rice Lake Construction Group

- 1) No irregularities were noted in the Bid Bond, Acknowledgement of Principal or Surety.
- 2) A North Dakota Class A Contractors License Certificate of Renewal was provided.
- 3) Receipt of Addenda 1 through 3 were acknowledged.
- 4) The EJCDC C-451 Qualification Statement was provided, including resumes of key personnel.
- 5) Failure to complete project and dispute history certification was provided with “None” indicated.
- 6) The list of subcontractors and suppliers was included.

Swanberg Construction, Inc.

- 1) No irregularities were noted in the Bid Bond, Acknowledgement of Principal or Surety.
- 2) A North Dakota Class A Contractors License Certificate of Renewal was provided.
- 3) Receipt of Addenda 1 through 3 were acknowledged.
- 4) The EJCDC C-451 Qualification Statement was provided, including resumes of key personnel, however some safety information was not filled out.
- 5) Failure to complete project and dispute history certification was provided with “None” indicated.
- 6) The list of subcontractors and suppliers was not included.

**BID SUMMARY:**

Bid tabulation (attached) was performed to verify mathematical accuracy of total prices as unit prices control for any discrepancies. Analysis indicated that no discrepancies were noted on either Rice Lake Construction Group or Swanberg Construction, Inc. bids. A discrepancy was noted with ICS Inc. in that the Well D bid items were included in the total. The discrepancy did change the relative price position and once removed placed ICS Inc. in the Low Bidder Position.

Based on the bid tabulation, ICS Inc. is the Low Bidder for the referenced project.

**BID ASSESSMENT:**

The only issue noted during bid assessment other than the previously explained Well D improvement price included in the ICS bid was the lack of a Subcontractor and Supplier List for the ICS and Swanberg Bids. Upon contacting Gary Beeter with ICS, the list was immediately provided. Both ICS and Rice Lake listed Fusion Automation as the Electrical Subcontractor for the project which has caused some concern with our Electrical Engineer. Fusion Automation does carry a North Dakota Electrical Contractor’s License but has not performed major Electrical Contracting work that we are familiar with so we have requested that qualifications for this Subcontractor be submitted and evaluated before executing Award for the project. As both ICS and Rice Lake had Fusion listed for the project and Swanberg was over \$300,000 higher than the low bid, we do not expect this qualification evaluation to affect the outcome of the Bid Results but need to confirm their qualifications nonetheless.

The low bid for the Project was approximately 3 percent (\$186,107.50) over the Engineers OPCC for the Work.

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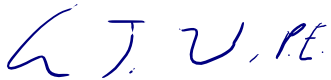
**SUMMARY:**

We recommend that the bid for Construction of the Sundre Raw Water Supply Reservoir and Pump Station (City Contract No. 4195.1) submitted by ICS Inc. in the amount of \$6,563,330.50 be accepted, with consideration given to accepting Additive Alternate No. 1 in the amount of \$15,900.00. The total contract price including the alternate would be \$6,579,230.50. We also recommend that award be conditional upon acceptance of the Electrical Subcontractor qualifications.

If you have any questions or require additional information, please contact me at (701) 751-6266 or by e-mail at [akemmet@houstoneng.com](mailto:akemmet@houstoneng.com) .

Sincerely,

**HOUSTON ENGINEERING, INC.**

A handwritten signature in blue ink that reads "A. J. Kemmet, PE." The signature is written in a cursive style.

Alan J. Kemmet, PE  
Principal/Project Manager

Attachments (1)

**BID TABULATION**  
**Sundre Reservoir and Pump Station**  
**HEI Project 6027-048**  
**City of Minot Project No. 4195.1**

Engineer: **Houston Engineering, Inc.**  
**18 3rd Street SE Suite 100**  
**Minot, ND 58701**  
**Phone (701) 852-7931**

Bid Opening: **April 21, 2017**  
**Time: 11:00 am**

Item No.	Description	Unit	Quantity	Engineer's OPCC		ICS, Inc.		Rice Lake Construction		Swanberg Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>A</b>	<b>Mobilization, Demobilizations, Bonds, Insurance</b>	LS	1	\$250,000.00	\$ 250,000.00	\$150,000.00	\$ 150,000.00	\$500,000.00	\$ 500,000.00	\$300,000.00	\$ 300,000.00
<b>B</b>	<b>Traffic Control and Signage</b>	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00
<b>C</b>	<b>Erosion Control</b>	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 27,000.00	\$ 27,000.00	\$ 16,000.00	\$ 16,000.00
<b>D</b>	<b>City Well D Modifications</b>										
1	Sundre Well D Electrical and SCADA Modifications	LS	1	\$ -	\$ -	\$ 60,000.00	-	\$ -	\$ -	\$ -	\$ -
2	Well D Modifications	LS	1	\$ -	\$ -	\$100,000.00	-	\$ -	\$ -	\$ -	\$ -
<b>E</b>	<b>Site Work (Milestone 2)</b>										
1	Clearing & Grubbing	AC	6.1	\$ 5,000.00	\$ 30,500.00	\$ 1,500.00	\$ 9,150.00	\$ 5,500.00	\$ 33,550.00	\$ 1,200.00	\$ 7,320.00
2	Tree Removal	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00	\$ 6,500.00	\$ 6,500.00	\$ 35,000.00	\$ 35,000.00
3	Topsoil Stripping - 6"	CY	3,228	\$ 5.00	\$ 16,140.00	\$ 5.00	\$ 16,140.00	\$ 13.00	\$ 41,964.00	\$ 4.50	\$ 14,526.00
4	Topsoil Placement - 6"	CY	3,228	\$ 10.00	\$ 32,280.00	\$ 14.00	\$ 45,192.00	\$ 10.00	\$ 32,280.00	\$ 13.00	\$ 41,964.00
5	General Excavation	CY	25,250	\$ 5.00	\$ 126,250.00	\$ 5.00	\$ 126,250.00	\$ 7.00	\$ 176,750.00	\$ 5.00	\$ 126,250.00
6	Compacted Backfill	CY	18,500	\$ 10.00	\$ 185,000.00	\$ 4.00	\$ 74,000.00	\$ 9.00	\$ 166,500.00	\$ 4.00	\$ 74,000.00
7	6" Aggregate Surface Course	SY	3,677	\$ 20.00	\$ 73,540.00	\$ 17.00	\$ 62,509.00	\$ 33.00	\$ 121,341.00	\$ 16.00	\$ 58,832.00
8	Type R1 Geotextile	SY	3,677	\$ 3.00	\$ 11,031.00	\$ 3.50	\$ 12,869.50	\$ 2.00	\$ 7,354.00	\$ 3.00	\$ 11,031.00
9	Reinforced Concrete	CY	25	\$ 300.00	\$ 7,500.00	\$ 800.00	\$ 20,000.00	\$ 1,000.00	\$ 25,000.00	\$ 620.00	\$ 15,500.00
10	ECB Type 1	SY	590	\$ 3.00	\$ 1,770.00	\$ 2.00	\$ 1,180.00	\$ 1.60	\$ 944.00	\$ 2.50	\$ 1,475.00
	ECB Type 2	SY	7,360	\$ 3.00	\$ 22,080.00	\$ 2.00	\$ 14,720.00	\$ 1.60	\$ 11,776.00	\$ 2.50	\$ 18,400.00
11	Seeding and Mulching	AC	5	\$ 2,000.00	\$ 10,000.00	\$ 950.00	\$ 5,035.00	\$ 800.00	\$ 4,240.00	\$ 880.00	\$ 4,664.00
12	Trees (4' Ponderosa Pine)	EA	100	\$ 100.00	\$ 10,000.00	\$ 250.00	\$ 25,000.00	\$ 250.00	\$ 25,000.00	\$ 215.00	\$ 21,500.00
13	18" CMP with FES	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 6,500.00	\$ 6,500.00	\$ 7,500.00	\$ 7,500.00	\$ 6,000.00	\$ 6,000.00
	24" CMP with FES	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 6,000.00	\$ 6,000.00	\$ 9,000.00	\$ 9,000.00	\$ 5,000.00	\$ 5,000.00
	8" RJ DI Water Main	LF	37	\$ 100.00	\$ 3,700.00	\$ 80.00	\$ 2,960.00	\$ 72.00	\$ 2,664.00	\$ 78.00	\$ 2,886.00
	18" RJ DI Water Main	LF	37	\$ 261.00	\$ 9,657.00	\$ 100.00	\$ 3,700.00	\$ 92.00	\$ 3,404.00	\$ 98.00	\$ 3,626.00
	24" RJ DI Water Main	LF	639	\$ 300.00	\$ 191,700.00	\$ 130.00	\$ 83,070.00	\$ 125.00	\$ 79,875.00	\$ 130.00	\$ 83,070.00
	24" DI Fittings	EA	15	\$ 10,000.00	\$ 150,000.00	\$ 4,000.00	\$ 60,000.00	\$ 3,600.00	\$ 54,000.00	\$ 3,850.00	\$ 57,750.00
	18" Gate Valve	EA	2	\$ 19,000.00	\$ 38,000.00	\$ 16,000.00	\$ 32,000.00	\$ 14,500.00	\$ 29,000.00	\$ 15,000.00	\$ 30,000.00
	24" Gate Valve	EA	2	\$ 20,000.00	\$ 40,000.00	\$ 25,000.00	\$ 50,000.00	\$ 22,000.00	\$ 44,000.00	\$ 23,200.00	\$ 46,400.00
	Flushing & Pressure Testing (Milestone 3)	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 40,000.00	\$ 40,000.00	\$ 16,000.00	\$ 16,000.00	\$ 16,000.00	\$ 16,000.00
14	Chain Link Fence and Gates	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 19,000.00	\$ 19,000.00	\$ 20,600.00	\$ 20,600.00
15	Street Lighting and Electrical	LS	1	\$ 10,000.00	\$ 10,000.00	\$500,000.00	\$ 500,000.00	\$395,000.00	\$ 395,000.00	\$415,000.00	\$ 415,000.00
16	Flow Meter Vault	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 65,000.00	\$ 65,000.00	\$ 54,000.00	\$ 54,000.00	\$ 57,000.00	\$ 57,000.00
<b>F</b>	<b>Sundre Pump Station Construction</b>										
1	Foundation	LS	1	\$150,000.00	\$ 150,000.00	\$236,000.00	\$ 236,000.00	\$400,000.00	\$ 400,000.00	\$210,000.00	\$ 210,000.00
2	Building	LS	1	\$300,000.00	\$ 300,000.00	\$550,000.00	\$ 550,000.00	\$300,000.00	\$ 300,000.00	\$417,000.00	\$ 417,000.00
3	Process	LS	1	\$750,000.00	\$ 750,000.00	\$640,000.00	\$ 640,000.00	\$800,000.00	\$ 800,000.00	\$800,000.00	\$ 800,000.00
4	Industrial Coatings	LS	1	\$ 65,000.00	\$ 65,000.00	\$ 40,000.00	\$ 40,000.00	\$ 27,000.00	\$ 27,000.00	\$ 40,000.00	\$ 40,000.00
6	Electrical	LS	1	\$650,000.00	\$ 650,000.00	\$600,000.00	\$ 600,000.00	\$500,000.00	\$ 500,000.00	\$513,000.00	\$ 513,000.00
5	Mechanical - HVAC	LS	1	\$ 75,000.00	\$ 75,000.00	\$120,000.00	\$ 120,000.00	\$115,000.00	\$ 115,000.00	\$125,000.00	\$ 125,000.00
<b>G</b>	<b>Minot Water Treatment Plant Work</b>										
1	Structural	LS	1	\$ 50,000.00	\$ 50,000.00	\$100,000.00	\$ 100,000.00	\$300,000.00	\$ 300,000.00	\$122,000.00	\$ 122,000.00
2	Mechanical	LS	1	\$200,000.00	\$ 200,000.00	\$200,000.00	\$ 200,000.00	\$150,000.00	\$ 150,000.00	\$470,000.00	\$ 470,000.00
3	Industrial Coatings	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 13,000.00	\$ 13,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
4	Pressure Reducing Station - Mechanical	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
5	Asphalt Removal	SY	75	\$ 10.00	\$ 750.00	\$ 25.00	\$ 1,875.00	\$ 10.00	\$ 750.00	\$ 15.00	\$ 1,125.00
6	6" Asphalt Patching	SY	75	\$ 75.00	\$ 5,625.00	\$ 200.00	\$ 15,000.00	\$ 50.00	\$ 3,750.00	\$ 60.00	\$ 4,500.00
7	Minot Water Treatment Plant Site Piping										
	30" DI Water Main	LF	645	\$ 400.00	\$ 258,000.00	\$ 320.00	\$ 206,400.00	\$ 300.00	\$ 193,500.00	\$ 315.00	\$ 203,175.00
	18" DI Water Main	LF	30	\$ 200.00	\$ 6,000.00	\$ 280.00	\$ 8,400.00	\$ 255.00	\$ 7,650.00	\$ 265.00	\$ 7,950.00
	8" Class	LF	111	\$ 100.00	\$ 11,100.00	\$ 80.00	\$ 8,880.00	\$ 72.00	\$ 7,992.00	\$ 78.00	\$ 8,658.00
	30" DI Fittings	EA	9	\$ 20,000.00	\$ 180,000.00	\$ 15,000.00	\$ 135,000.00	\$ 9,000.00	\$ 81,000.00	\$ 9,200.00	\$ 82,800.00
	18" DI Fittings	EA	2	\$ 10,000.00	\$ 20,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,650.00	\$ 3,300.00	\$ 1,700.00	\$ 3,400.00
	8" DI Fittings	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 300.00	\$ 600.00	\$ 270.00	\$ 540.00	\$ 285.00	\$ 570.00
	30" Gate Valve	EA	4	\$ 25,000.00	\$ 100,000.00	\$ 40,000.00	\$ 160,000.00	\$ 3,500.00	\$ 14,000.00	\$ 37,400.00	\$ 149,600.00
	18" Gate Valve	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	\$ 14,500.00	\$ 14,500.00	\$ 15,000.00	\$ 15,000.00
	8" Gate Valve	EA	1	\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,600.00	\$ 2,600.00
	Minot Water Treatment Plant Connection	EA	1	\$ 50,000.00	\$ 50,000.00	\$ 65,000.00	\$ 65,000.00	\$ 58,000.00	\$ 58,000.00	\$ 63,000.00	\$ 63,000.00
	Raw Water Flushing Connection	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 9,000.00	\$ 9,000.00	\$ 7,500.00	\$ 7,500.00	\$ 8,100.00	\$ 8,100.00
	NAWS Pipeline Connection	EA	1	\$ 30,000.00	\$ 30,000.00	\$ 27,000.00	\$ 27,000.00	\$ 25,000.00	\$ 25,000.00	\$ 27,100.00	\$ 27,100.00
	NAWS Pipeline Flushing and Pressure Testing (Milestone 3)	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00
<b>H</b>	<b>Sundre Reservoir Construction (Milestone 2)</b>										
1	Sundre Reservoir Foundation	LS	1	\$500,000.00	\$ 500,000.00	\$520,000.00	\$ 520,000.00	\$607,176.00	\$ 607,176.00	\$750,000.00	\$ 750,000.00
2	Sundre Reservoir Walls	LS	1	\$580,000.00	\$ 580,000.00	\$530,000.00	\$ 530,000.00	\$350,000.00	\$ 350,000.00	\$468,500.00	\$ 468,500.00
3	Sundre Reservoir Roof and Roof Supports	LS	1	\$575,000.00	\$ 575,000.00	\$550,000.00	\$ 550,000.00	\$600,000.00	\$ 600,000.00	\$606,000.00	\$ 606,000.00
4	Sundre Reservoir Insulation	LS	1	\$125,000.00	\$ 125,000.00	\$ 97,000.00	\$ 97,000.00	\$ 15,000.00	\$ 15,000.00	\$ 78,000.00	\$ 78,000.00
5	Sundre Reservoir Mechanical	LS	1	\$ 40,000.00	\$ 40,000.00	\$ 18,900.00	\$ 18,900.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
6	Sundre Reservoir Electrical	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00
<b>I</b>	<b>Wellfield Work</b>										
1	Afterbay transmission line plug	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 37,000.00	\$ 37,000.00	\$ 7,500.00	\$ 7,500.00	\$ 36,000.00	\$ 36,000.00
2	Well A, B, and E Control and SCADA Modifications	EA	3	\$ 20,000.00	\$ 60,000.00	\$ 35,000.00	\$ 105,000.00	\$ 17,800.00	\$ 53,400.00	\$ 19,000.00	\$ 57,000.00
3	Well C Control and SCADA Modifications	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 8,500.00	\$ 8,500.00	\$ 6,500.00	\$ 6,500.00	\$ 7,000.00	\$ 7,000.00
AA-1	Hydraulic Seed and Mulch	AC	5	\$ 2,500.00	\$ 13,250.00	\$ 3,000.00	\$ 15,900.00	\$ 2,200.00	\$ 11,660.00	\$ 2,300.00	\$ 12,190.00
	<b>BASE BID TOTAL</b>				\$6,377,223.00		\$6,563,330.50		\$6,663,200.00		\$6,887,872.00
	<b>BID WITH ALTERNATE TOTAL</b>				\$6,390,473.00		\$6,579,230.50		\$6,674,860.00		\$6,900,062.00