

**Programs, Projects & Operations
Subcommittee Meeting
December 6, 2005
7:30 p.m.
Agenda**

Programs, Projects & Operations:

John Conley, Chairman
Rich Tesar, Vice-Chairman
Fred Conley
Rick Kolowski
Joe Neary

Alternate Members: Dorothy Lanphier
Jim Thompson

Staff Liaison: Gerry Bowen
Martin Cleveland *
Ralph Puls
Dick Sklenar
Paul Woodward

1. Meeting Called to Order – Chairperson John Conley
2. Quorum Call
3. Adoption of Agenda
4. Proof of Publication of Meeting Notice
5. Review and Recommendation on Overage of Fees for Engineering Services Contract Regarding Washington County Rural Water #2 – Chris Koenig, HGM Associates; and, Dick Sklenar
6. Review and Recommendation on Washington County Rural Water System #1 Bids – Dick Sklenar
 - a. Pump Station Modifications
 - b. Pressure Reducing Valve Vaults
7. Review and Recommendation on Elkhorn River Public Access Bids – Dick Sklenar
8. Adjourn

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Dick Sklenar

SUBJECT: Request for Additional Engineering Fees from HGM Associates

DATE: November 29, 2005

Attached is a letter from Chris Koenig (of HGM Associates) requesting consideration for additional engineering fees on several components in regards to the development of the Washington County Rural Water #2 system. Subcommittee members were advised this past summer that this issue would occur for a few reasons.

Attached is the request from HGM Associates indicating those reasons for the specific components of the project. The additional amount requested is \$42,300.00. The City of Blair has no objections to the request, inasmuch as their share of the additional fees is about \$15,619.28, for all the work related to the pump stations.

It is recommended that the Subcommittee recommend to the Board of Directors that the request by HGM Associates to amend the engineering contract agreement for additional engineering fees not to exceed \$42,300.00, be approved.



November 28, 2005

Mr. Dick Sklenar
Special Projects Manager
Papio-Missouri River NRD
8901 South 154th Street
Omaha, NE 68138-3621

Subject: Washington County Rural Water System No. 2
Washington County, Nebraska
HGM Project No. 71613
Request for Contract Amendment

Dear Dick,

On behalf of **HGM Associates Inc. (HGM)**, we hereby request an amendment to our engineering agreement to address extra work we have performed on this Project.

Reference is made to our letter of July 5, 2005 which addressed the status of our engineering budget. In our letter, we outlined several design and construction items that impacted our budget. The following is an update of these items:

Distribution:

1. Contractor Performance. The contractor for the distribution system, BRB Contractors, has an excellent reputation as a rural water contractor. However, the superintendent initially assigned to the project did not perform well. Work did not begin as anticipated and not very efficiently once started. BRB replaced the superintendent after a period of time and added crews.
2. Contract Extension. Several additions have been made to the distribution system during construction. The contract substantial completion date was extended from July 31, 2005 to September 10, 2005. Work was not substantially complete until October 9, 2005. The contractor was assessed liquidated damages in the amount of \$34,250.00.
3. Project Closeout. The closeout of the project with the contractor was confrontational due to the disagreement of the amount of time assessment. Additional time was spent assisting the P-MRNRD with the negotiation of the final liquidated damage assessment.

4. GPS Record Drawings. A GPS survey is being made of the installed pipe. Approximately one fourth of the system is complete. The survey will assist the NRD in locating the water mains in the future. This work was not in our original scope.

Pump Stations:

1. PRV Stations. Two pressure reducing valve vaults were added for the Blair water system to allow for the installation of the new pump station. These PRVs were not in the original scope of work and included electrical and telemetry provisions.
2. Telemetry. We have been requested to provide the coordination for the installation of the new telemetry system for the elevated water tower and pump station in Blair. This work was not in the original scope of work.
3. Electrical. The decision was made to maintain the capability of operating the existing south reservoir pump station in Blair. Additional electrical design work was required.
4. Pump Station Modifications. A thorough review was made of the existing WCRWS No. 1 pump station and the modifications that would be necessary. The modifications are more extensive than what was originally anticipated. Additional coordination work was required with OPPD to change the service to the pump station. The project was separated into two bid packages and bids have been received.

The following is a summary of the work items remaining:

1. Record Drawings. **HGM** is proceeding with the record drawings for the distribution system.
2. GPS Survey. Approximately 75 percent of the system remains for the GPS survey.
3. Cost Assessment. The cost for the project is being assessed against several entities.

The following is the status of our engineering budget as of November 15, 2005 and estimated work effort remaining:

	<u>Budget</u>	<u>Total to Date</u>	<u>Remaining Work</u>	<u>Est. Overage</u>
Distribution	\$233,321.92	\$250,019.79	\$10,000	\$26,697.87
Storage Tank	53,328.14	55,965.77	0	2,637.63
Pump Station	<u>63,193.06</u>	<u>62,812.34</u>	<u>15,000</u>	<u>15,619.28</u>
Totals:	\$349,843.12	\$368,797.90	\$26,000	\$44,954.78

hgm


A TRADITION OF EXCELLENCE
A COMMITMENT TO CREATIVE SOLUTIONS

Mr. Dick Sklenar
Page 3 of 3
November 28, 2005

We hereby request an amendment to our contract in the amount of \$42,300.00 to address the additional cost incurred on this project to date and what we anticipate is required for the contract completion. The City of Blair has stated they will not accept the cost overrun for the work on the water tower portion of the work. The total construction contract amount for the project is \$4,493,385. Our new contract amount of \$394,843.12 is 8.7% of total construction cost.

Please feel free to contact me if you need additional information.

Sincerely,
HGM Associates Inc.



Chris J. Koenig, P.E.
Project Manager

Cc: Mr. Allen Schoemaker, City of Blair

hgm

A TRADITION OF EXCELLENCE
A COMMITMENT TO CREATIVE SOLUTIONS

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Dick Sklenar

SUBJECT: Washington County Rural Water #1 Pump Station Modification Contract

DATE: November 29, 2005

On November 22, 2005, bids were received for overhauling the Washington County Rural Water #1 pump station. Such work entails new pumps and motors, piping, and a new control system.

This work is also a continuation of the development of Washington County RW#2 project. By upgrading this pump station, water purchased from the Metropolitan Utilities District can be pumped to the City of Blair during emergency situations. By contractual agreement, the City has agreed to pay for 100% of this cost.

Attached is the Engineer's recommendation that the contract for such work be awarded to Luxa Construction in the amount of \$130,279.00. A bid tabulation and an engineering estimate of probable costs are also attached.

It is recommended that the subcommittee recommend to the Board of Directors that the Washington County Rural Water #1 pump station modification contract be awarded to Luxa Construction in the amount of \$130,279.00.



November 28, 2005

Mr. Dick Sklenar
Papio-Missouri Natural Resources District
8901 South 154th Street
Omaha, NE 68138-3621

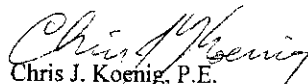
Subject: Washington County Rural Water System No. 1
Pump Station Modifications
HGM Project No. 71613
Bid Recommendation

Dear Mr. Sklenar:

Bids were received on November 22, 2005 for the construction of the proposed modification of the existing pump station for Washington County Rural Water System No. 1. Five bids were received. A copy of the bid tabulation is attached.

We recommend the contract for the work be awarded to the low bidder, Luxa Construction, in the amount of \$130,279.00. The bid by Luxa is higher than the Engineer's opinion of costs. However, in our opinion, the bids were competitive and the results would be very similar if the project were rebid without changing the scope of work.

Sincerely,
HGM Associates Inc.


Chris J. Koenig, P.E.
Project Manager

Attachment

Mr. Allen Schoemaker, City of Blair

TABULATION OF BIDS

Project: WCRWS No. 1 - Pump Station Modifications

HGM Associates Inc.
5022 S. 114th Street, Suite
Omaha, NE 68137

Item #	Description	Estimated Quantities	Luxa Construction Blair, Nebraska		Judds Bros Construction Lincoln, Nebraska		Pospichal Construction Waterloo, Nebraska		Neuvin's Construction Blair, Nebraska		V & V Construction Omaha, Nebraska		AVERAGE UNIT PRICE	HIGH UNIT PRICE	LOW UNIT PRICE
			Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price			
1.	50 hp Pumps and Motor, Complete	2.0 EA	\$19,042.00	\$38,084.00	\$19,000.00	\$38,000.00	\$20,531.08	\$41,062.16	\$20,689.50	\$41,379.00	\$20,230.00	\$40,440.00	\$19,896.52	\$20,689.50	\$19,000.00
2.	Pump Station Controls	1.0 LS	40,376.00	40,376.00	35,600.00	35,600.00	40,432.51	40,432.51	46,034.00	46,034.00	40,500.00	40,500.00	40,584.50	46,034.00	35,600.00
3.	Pump Station Electrical	1.0 EA	5,844.00	5,844.00	5,200.00	5,200.00	7,048.28	7,048.28	13,075.00	13,075.00	19,500.00	19,500.00	10,133.46	19,500.00	5,200.00
4.	6" Meter	1.0 EA	4,300.00	4,300.00	6,000.00	6,000.00	5,596.13	5,596.13	6,990.00	6,990.00	5,500.00	5,500.00	5,677.23	6,990.00	4,300.00
5.	Pump Station Piping and Valves	1.0 LS	20,841.00	20,841.00	26,000.00	26,000.00	13,046.90	13,046.90	15,793.00	15,793.00	35,000.00	35,000.00	22,136.18	35,000.00	13,046.90
6.	12" Insert-A-Valve	2.0 EA	8,840.00	17,680.00	9,000.00	18,000.00	9,797.12	19,594.24	9,000.00	18,000.00	4,000.00	8,000.00	8,127.42	9,797.12	4,000.00
7.	Remove Existing Pumps	1.0 LS	1,879.00	1,879.00	1,700.00	1,700.00	3,417.71	3,417.71	1,992.00	1,992.00	1,990.00	1,990.00	2,195.74	3,417.71	1,700.00
8.	Pipe Stands	5.0 EA	255.00	1,275.00	325.00	1,625.00	453.84	2,269.20	350.00	1,750.00	500.00	2,500.00	376.77	500.00	255.00
Grand Total:				\$130,279.00		\$132,125.00		\$132,467.13		\$144,993.00		\$153,430.00 *			

* Corrected by the Engineer

Date of Letting: November 22, 2005
Time of Letting: 2:00 p.m.
Location: Papio-Missouri River NRD
HGM Project No. 71613



PAPIO-MISSOURI RIVER NRD
WCRWS NO. 1 PUMP STATION MODIFICATIONS
HGM PROJECT NO. 71613

OPINION OF PROBABLE PROJECT COSTS
November 21, 2005

No.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT COST	TOTAL COST
1	50 hp Pump and Motor, Complete	2	EA	\$20,000.00	\$40,000.00
2	Pump Station Controls	1	LS	\$40,000.00	\$40,000.00
3	Pump Station Electrical	1	LS	\$10,000.00	\$10,000.00
4	6" Meter	1	EA	\$2,000.00	\$2,000.00
5	Pump Station Piping and Valves	1	LS	\$10,000.00	\$10,000.00
6	12" Insert-a-Valve	2	EA	\$5,000.00	\$10,000.00
7	Remove Existing Pumps	1	LS	\$10,000.00	\$10,000.00
8	Pipe Stands	5	EA	\$1,000.00	\$5,000.00
				Subtotal	\$127,000.00
				Contingencies (5%)	\$6,350.00
				Project Total	\$133,350.00

5022 S. 114TH STREET, SUITE 200, OMAHA, NEBRASKA 68137 (402) 346-7559, FAX (402) 346-0224
640 FIFTH AVENUE, P.O. BOX 919, COUNCIL BLUFFS, IOWA 51502 (712) 323-0530, FAX (712) 323-0779

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Dick Sklenar

**SUBJECT: Washington County Rural Water #1 Pressure
Reducing Vaults Contract**

DATE: November 28, 2005

On November 22, 2005, bids were received for installing pressure reducing vaults within the Washington County Rural Water #1 distribution system. Such work entails the installation of 3 concrete vaults (with pressure regulators) at 3 different locations. Their purpose is to control water pressure downstream from each location. These vaults are necessary in the event emergency supplies of water are needed by the City of Blair. Such an occurrence will increase the pressure through-out the WCRW#1 system by at least 50 lbs., which is far too much at some locations.

This contract is in conjunction with the upgrading of the WCRW#1 pump station, so that water purchased from the Metropolitan Utilities District can be pumped to the City of Blair during emergency situations. By contractual agreement, the City has agreed to pay for 100% of this cost.

Attached is the Engineer's recommendation that the contract for such work be awarded to Thompson Construction in the amount of \$49,800.00. A bid tabulation and an engineer's estimate of probable costs are also attached.

It is recommended that the Subcommittee recommend to the Board of Directors that the Washington County Rural Water #1 pressure reducing vaults contract be awarded to Thompson Construction in the amount of \$49,800.00.



November 28, 2005

Mr. Dick Sklenar
Papio-Missouri Natural Resources District
8901 South 154th Street
Omaha, NE 68138-3621

Subject: Washington County Rural Water System No. 1
Pump Station Modifications – Pressure Reducing Valves
HGM Project No. 71613
Bid Recommendation

Dear Mr. Sklenar:

Bids were received on November 22, 2005 for the construction of the proposed installation of pressure reducing valve vaults in the existing Washington County Rural Water System No. 1. Nine bids were received. A copy of the bid tabulation is attached.

We recommend the contract for the work be awarded to the low bidder, Thompson Construction, in the amount of \$49,800.00. The bid by Thompson is slightly higher than the Engineer's opinion of costs. However, in our opinion, the bids were extremely competitive and the results would be very similar if the project were rebid.

Sincerely,
HGM Associates Inc.


Chris J. Koenig, P.E.
Project Manager

Attachment

Mr. Allen Schoemaker, City of Blair

TABULATION OF BIDS

Project: WCRWS No. 1 - Pressure Reducing Valve Vaults

Item #	Description	Estimated Quantities	Thompson Construction Arlington, Nebraska		Neuvirth's Construction Blair, Nebraska		Eriksen Construction Blair, Nebraska		Luxa Construction Blair, Nebraska		ME Collins Contracting Wahoo, Nebraska		Pospichal Construction Omaha, Nebraska	
			Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1.	Pressure Reducing Valve Vault No. 1	1.0 LS	\$17,000.00	\$18,894.00	\$18,894.00	\$21,170.00	\$21,170.00	\$20,000.00	\$20,000.00	\$24,500.00	\$24,500.00	\$22,912.77	\$22,912.77	
2.	Pressure Reducing Valve Vault No. 2	1.0 LS	16,000.00	17,109.80	17,109.80	17,022.00	17,022.00	17,805.00	17,805.00	21,370.00	21,370.00	24,841.50	24,841.50	
3.	Pressure Reducing Valve Vault No. 3	1.0 LS	16,000.00	17,109.80	17,109.80	16,815.00	16,815.00	17,645.00	17,645.00	21,100.00	21,100.00	22,746.13	22,746.13	
4.	Seeding	0.5 AC	1,600.00	800.00	500.00	450.00	900.00	3,300.00	1,650.00	2,750.00	1,375.00	2,865.58	1,432.79	
Grand Total:				\$49,800.00	\$53,363.60	\$55,457.00	\$57,100.00	\$68,345.00	\$71,933.19					

* Corrected by the Engineer

Date of Letting: November 22, 2005
 Time of Letting: 2:00 p.m.
 Location: Papio-Missouri River NRD
 HGM Project No. 71613

TABULATION OF BIDS

Project: WCRWS No. 1 - Pressure Reducing Valve Vaults

HGM Associates Inc.
5022 S. 114th Street, Suite
Omaha, NE 68137

Item #	Description	Estimated Quantities	V & V Construction Omaha, Nebraska		Henton Trenching Blair, Nebraska		Judis Bros. Construction Lincoln, Nebraska		AVERAGE UNIT PRICE	HIGH UNIT PRICE	LOW UNIT PRICE
			Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price			
1.	Pressure Reducing Valve Vault No. 1	1.0 LS	\$25,000.00	\$25,000.00	\$26,540.00	\$26,540.00	\$30,450.00	\$30,450.00	\$22,940.75	\$30,450.00	\$17,000.00
2.	Pressure Reducing Valve Vault No. 2	1.0 LS	25,000.00	25,000.00	25,249.00	25,249.00	28,000.00	28,000.00	21,377.48	28,000.00	16,000.00
3.	Pressure Reducing Valve Vault No. 3	1.0 LS	25,000.00	25,000.00	24,976.00	24,976.00	28,000.00	28,000.00	21,043.55	28,000.00	16,000.00
4.	Seeding	0.5 AC	1,000.00	500.00	1,200.00	600.00	4,000.00	2,000.00	2,012.84	4,000.00	500.00
Grand Total:				\$75,500.00		\$77,365.00		\$88,450.00	*		*

* Corrected by the Engineer

Date of Letting: November 22, 2005
Time of Letting: 2:00 p.m.
Location: Papio-Missouri River NRD
HGM Project No. 71613



PAPIO-MISSOURI RIVER NRD
WCRWS NO. 1 PRESSURE REDUCING VALVE VAULTS
HGM PROJECT NO. 71613

OPINION OF PROBABLE PROJECT COSTS
November 21, 2005

No.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT COST	TOTAL COST
1	Pressure Reducing Valve Vault No. 1	1	LS	\$18,000.00	\$18,000.00
2	Pressure Reducing Valve Vault No. 2	1	LS	\$14,000.00	\$14,000.00
3	Pressure Reducing Valve Vault No. 3	1	LS	\$14,000.00	\$14,000.00
4	Seeding	0.5	AC	\$1,500.00	\$750.00
				Subtotal	\$46,750.00
				Contingencies (5%)	\$2,337.50
				Project Total	\$49,087.50

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MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Dick Sklenar

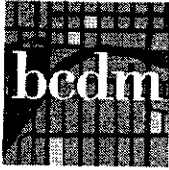
SUBJECT: Elkhorn River Public Access Site Contract

DATE: November 29, 2005

On November 28, 2005, bids were received for the development of the first of three public access sites along the Elkhorn River. The first site to be developed, which the Village of Waterloo has agreed to maintain, is located at the southeast corner of W. Maple Road and the Elkhorn River. The remaining two sites (W. Dodge Road and at 'Q' Street) will hopefully be developed in the next four years. About \$165,000 is being provided in grants from programs administered by the NE Game & Parks Commission for the W. Maple site.

Of the several plan holders, only one bid was received for this work. That bid was from Dostals Construction in the amount of \$236,500. The District's design consultant (Beringer Ciaccio, Dennell & Mabrey) estimated the probable cost at about \$225,000. The Nebraska Game & Parks Commission must concur with awarding the contract as well. A written response from that office should be available in the next few days. A letter from BCDM indicating their recommendation on the bid submitted by Dostals Construction is attached.

It is recommended that the Subcommittee recommend to the Board of Directors that the contract for the development of the Elkhorn River public access site at W. Maple Road be awarded to Dostals Construction in the amount of \$236,500.00, subject to approval by the Nebraska Game & Parks Commission.



Beringer Ciaccio Dennell Mabrey

29 November 2005

Mr. Dick Sklenar
Papio Missouri River NRD
8501 South 154th Street
Omaha, Nebraska 68138

RE: Elkhorn River Public Access
Recommendation of Contractor
BCDM Project No. 4045-00

Dear Dick:

I am writing in regards to the public bid opening for the Elkhorn River Public Access Project. The enclosed Bid Tabulation Form shows that the Papio Missouri River NRD received a single bid out of the five general contractors listed as plan holders.

Approval by the Nebraska Game and Parks and their grant funding agencies is required in order to proceed with seeking the NRD Board's approval. I have been in contact with Michelle Stryker and have forwarded a letter with the enclosed bid tabulation form. I have requested a determination prior to the NRD Board meeting of December 8th. The grant funding usually requires a minimum of three bids; however, I have provided Michelle validation of sufficient advertisement, plan-holding contractors' feedback, and opinion of Dostals Construction Company bid and ability to perform the work. It is to be seen whether an allowance will be granted for this project.

In my conversations with the remaining plan-holding contractors, there were no stated concerns regarding the complexities of the project or its location in an environmentally sensitive area. The greatest deterrent appeared to be the deadline for project completion of May 1, 2006 with uncertainties of winter and early spring construction activities. An additional comment about the two week bidding timeframe, including the Thanksgiving holiday, was stated as a factor.

While there was only a single bid submitted for the project by Dostals Construction Company, it is our recommendation that the Papio Missouri River NRD consider acceptance of their bid of \$236,500 if funding is available, and proceed with an award of contract. Their submitted bid was within 5% of the architect estimated probable costs including contingencies. Past experiences with this contractor have included projects in environmentally sensitive areas. Dostals' attention to this sensitivity and quality of the finished product in a timely manner has been favorable. We have no reason to believe the contractor will not successfully perform on this project.

Upon all approvals, we can proceed with the preparation of contracts. If you need any additional information, please contact me.

Sincerely,

A handwritten signature in black ink that reads 'Thomas Bentley'. The signature is written in a cursive, flowing style.

Thomas Bentley
Beringer Ciaccio Dennell Mabrey, Inc.

TB/mms
Enclosure

c: File 4045-00-2.1

architecture
landscape architecture
interior design
construction management

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 Omaha, NE 68114-2334

ELKHORN RIVER PUBLIC ACCESS

November 28, 2005
BID TABULATION

BCDM PROJECT NO. 4045-00

	PRAIRIE CONSTRUCTION	LAWNSMITH & COMPANY, INC.	NEGUS & SONS	DOSTALS CONSTRUCTION	DSC, INC.
Lump Sum Base Bid	---	---	---	\$236,500	---
Addenda (1)				Received	
Bid Security				In Place	

* Architect's Recommended Selection.

BCDM Estimate of Probable Costs: \$224,428.74 (5% below submitted bid).