



BOARD OF PUBLIC WORKS DEPARTMENT OF UTILITIES

June 7, 2017

4:15 P.M.

**Fremont Municipal Building, 2nd Floor Conference Room,
400 East Military, Fremont Nebraska**

-
1. Roll call.
 2. Approve minutes of May 24, 2017.
 3. Consider Accounts Payable – 1st half of June 2017.
 4. * Consider Owner's Engineer bids for Supervisory Control and Data Acquisition (SCADA) upgrades (staff report).
 5. * Consider Renewal of Carbon Supply Contract for Lon D. Wright Power Plant (staff report).
 6. * Consider bid for Track Bay Crane Rebuild at Lon D. Wright Power Plant (staff report).
 7. * Consider Addendum to HDR Water/Wastewater Contract for Gas Pipeline to Wastewater Treatment Plant lagoons (staff report).
 8. Consider Award for Roadway Subdivision Water Engineering Services (staff report).
 9. * Consider Award for 15kV Primary Underground Distribution Cable (staff report).
 10. Investments (staff report).
 11. General Manager Update (no board action is requested).
 - a. Solar farm update
 - b. Wastewater treatment plant update
 - c. Utilities to Costco's site update
 12. Adjournment

The agenda was posted at the Municipal Building on June 5, 2017. The agenda and enclosures are distributed to Board and posted on the City of Fremont's website. The official current copy of the agenda is available at Municipal Building, 400 East Military, office of the General Manager. A copy of the Open Meeting Law is posted in the 2nd floor conference room for review by the public. The Board of Public Works reserves the right to adjust the order of items on this agenda.

*items referred to City Council (if any)

**CITY OF FREMONT BOARD OF PUBLIC WORKS
MAY 24, 2017 - 4:15 P.M.**

A meeting of the Board of Public Works was held on May 24, 2017 at 4:15 p.m. in the 2nd floor meeting room at 400 East Military, Fremont, Nebraska. The meeting was preceded by publicized notice in the Fremont Tribune and the agenda displayed in the Municipal Building. The meeting was open to the public. A continually current copy of the agenda was available for public inspection at the office of the General Manager, Department of Utilities, 400 East Military. The agenda was distributed to the Board of Public Works on May 22, 2017 and posted, along with the supporting documents, on the City's website. A copy of the open meeting law is posted continually for public inspection.

ROLL CALL

Roll call showed Board Members Shelso, and Sawtelle, Hoegemeyer, and Behrens present, Vering present by phone, unable to vote. 4 present, 1 absent. Others in attendance included Brian Newton, General Manager/Interim City Administrator; Troy Schaben, Asst. Gen. Mngr.; Jody Sanders, Finance Dir.; Al Kasper, Dir. Engineering; Jeff Shanahan, Power Plant Superintendent; Supt.; Jan Rise, Admin Services; Lottie Mitchell, Exec. Asst.; and Kirk Hillrichs, Gas Sys Supt.

APPROVE MINUTES

Moved by Member Behrens and seconded by Member Hoegemeyer to approve the minutes of the May 9, 2017 meeting. Motion carried 4-0.

CONSIDER ACCOUNTS PAYABLE – 2nd HALF OF MAY 2017

Sanders presented the report and answered questions. It was moved by Member Shelso and seconded by Member Behrens to approve accounts payable in the amount of \$2,890,514.72. Motion carried 4-0.

CONSIDER CHANGE ORDER TO EMERSON ELECTRIC FOR LON D. WRIGHT UNIT #8 EXCITER OVERCURRENT PROTECTION (STAFF REPORT)

Shanahan explained purpose of overcurrent protection and why it was needed. Moved by Member Shelso and seconded by Member Behrens to approve the exciter overcurrent protection change order for \$15,900. Motion carried 4-0.

CONSIDER EAST ASH SILO ASH CONDITIONER AT LON D. WRIGHT POWER PLANT (STAFF REPORT)

Shanahan stated the references for the vendor with the low bid were not good, so he was soliciting bids a second time. He asked that the item be continued to a later date. Moved by Member Hoegemeyer and seconded by Member Shelso to continue the East Ash Silo Ash Conditioner item to a later date. Motion carried 4-0.

REVIEW COLLECTIONS REPORT FOR APRIL (STAFF REPORT)

Rise presented details of report.

INVESTMENTS

Sanders explained there will be no updates to investments until July, unless new reserves are invested.

CONSIDER LEASE AGREEMENT WITH MUNICIPAL LEASING CONSULTANT INC. FOR COMMUNIT SOLAR FARM (STAFF REPORT)

Newton explained an opportunity to financially lease the solar farm, rather than a loan with a third-party lender who qualifies for the renewable tax credit. A lease would permit the DU to sell solar panels, so customers could qualify for the federal tax credits. The lease with Municipal Leasing Consultant, Inc. (MLC), that was included in the packet, was a lease offer and an example of lease terms sought. He requested authority to publish a Request for Proposal for a Lease, to see if local lenders could match or beat the MLC lease. Moved by Member Shelso and seconded by Member Behrens to allow GM to seek lease financing for the solar farm and request approval by the City Council. Motion carried 4-0.

CONSIDER UTILITY AND INFRASTRUCTURE BOARD MEETING TIMES (STAFF REPORT)

Moved by Member Hoegemeyer and seconded by Member Shelso to move the Utility and Infrastructure Board meeting times to the second and last Tuesdays of each month at 4:00p.m. to better coincide with the City Council meeting times. Motion carried 4-0.

GENERAL MANAGER UPDATE (NO BOARD ACTION IS REQUESTED).

Newton gave update on the property acquisition for Wastewater Treatment Plant expansion.

ADJOURNMENT

Moved by Member Hoegemeyer and seconded by Member Shelso to adjourn at 4:51 p.m. Motion carried 4-0.

Allen Sawtelle, Chairman

Toni Vering, Secretary

Dennis Behrens

David Shelso

Erik Hoegemeyer

EAL DESCRIPTION: EAL: 05312017 ANDERSEND

PAYMENT TYPES

Checks	N
EFTs	Y
ePayables	N

VOUCHER SELECTION CRITERIA

Voucher/discount due date	00/00/0000
All banks	A

REPORT SEQUENCE OPTIONS:

Vendor	X	One vendor per page? (Y,N)	N
Bank/Vendor		One vendor per page? (Y,N)	N
Fund/Dept/Div		Validate cash on hand? (Y,N)	N
Fund/Dept/Div/Element/Obj		Validate cash on hand? (Y,N)	N
Proj/Fund/Dept/Div/Elm/Obj			

This report is by: Vendor

Process by bank code? (Y,N)	Y
Print reports in vendor name sequence? (Y,N)	Y
Calendar year for 1099 withholding	2017

Electric Fund – 051

Water Fund – 053

Sewer Fund – 055

Gas Fund – 057

VEND NO	SEQ#	VENDOR NAME		BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	EFT, EPAY OR
INVOICE	VOUCHER	P.O.			DATE	NO	DESCRIPTION	AMOUNT	HAND- ISSUED
NO	NO	NO							AMOUNT
0004760	00	SOUTHWEST POWER POOL INC							
84911097	AFSA			00	05/31/2017	051-5305-560.60-61	Aggregate Facility Study	EFT:	5,000.00
							VENDOR TOTAL *	.00	5,000.00
							EFT/EPAY TOTAL ***		5,000.00
							TOTAL EXPENDITURES ****	.00	5,000.00
GRAND TOTAL							*****		5,000.00

DEPARTMENT OF UTILITIES
ELECTRONIC WITHDRAWAL LIST

FOR BOARD OF PUBLIC WORKS MEETING: 6/7/17

AJ		WITHDRAWAL			WITHDRAWAL
GROUP NO	VENDOR NAME	DATE	ACCOUNT NO	ITEM DESCRIPTION	AMOUNT
6979	VANTIV	05/22/17	051-5001-903-60-77	KIOSK CREDIT CARD FEES	5.80
				TOTAL EXPENDITURES	5.80

Prepared 5/30/17, 15:55:47
Pay Date 6/01/17
Primary FIRST NATIONAL BANK

CITY OF FREMONT
Direct Deposit Register

Page 35
Program PR5301

Account Number	Employee Name	Social Security	Deposit Amount
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Final Total 259,859.12 Count 170

PREPARED 06/02/2017 8:03:21
PROGRAM: GM339L

EXPENDITURE APPROVAL LIST
REPORT PARAMETER SELECTIONS

EAL DESCRIPTION: EAL: 06022017 ANDERSEND

PAYMENT TYPES

Checks	Y
EFTs	Y
ePayables	Y

VOUCHER SELECTION CRITERIA

Voucher/discount due date	06/01/2017
All banks	A

REPORT SEQUENCE OPTIONS:

Vendor	X	One vendor per page? (Y,N)	N
Bank/Vendor		One vendor per page? (Y,N)	N
Fund/Dept/Div		Validate cash on hand? (Y,N)	N
Fund/Dept/Div/Element/Obj		Validate cash on hand? (Y,N)	N
Proj/Fund/Dept/Div/Elm/Obj			

This report is by: Vendor

Process by bank code? (Y,N)	Y
Print reports in vendor name sequence? (Y,N)	Y
Calendar year for 1099 withholding	2017
Disbursement year/per	2017/09
Payment date	06/02/2017

PROGRAM: GM339L

AS OF: 06/01/2017

PAYMENT DATE: 06/02/2017

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
9999999 000072841	00 UT	BARTLETT, CHLOE A	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	119.12	
						VENDOR TOTAL *	119.12	
9999999 000071343	00 UT	BILLEN, MICHELLE & PATRICK	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	17.43	
						VENDOR TOTAL *	17.43	
0000584 20170601	00 PR0601	CEI	00	06/01/2017	051-0000-241.00-00	PAYROLL SUMMARY	EFT:	143,348.78
						VENDOR TOTAL *	.00	143,348.78
9999999 000028337	00 UT	CHRISTENSEN LTD PARTNERSHIP	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	8.58	
						VENDOR TOTAL *	8.58	
9999999 000070735	00 UT	COUEY, ZACK K	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	15.19	
						VENDOR TOTAL *	15.19	
9999999 000073791	00 UT	DANIELS, KAYLA M	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	140.77	
						VENDOR TOTAL *	140.77	
9999999 000073935	00 UT	DEN SALOON LLC	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	181.03	
						VENDOR TOTAL *	181.03	
9999999 000074415	00 UT	DREDGE, AMANDA R	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	62.94	
						VENDOR TOTAL *	62.94	
9999999 000051279	00 UT	FEES, MICHAEL J	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	46.55	
						VENDOR TOTAL *	46.55	
9999999 000071021	00 UT	HAGEDORN, JARED L	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	128.11	
						VENDOR TOTAL *	128.11	
9999999 000072383	00 UT	HERINK, REBECCA	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	25.36	
						VENDOR TOTAL *	25.36	
9999999 000071497	00 UT	JARDON, DEREK	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	155.56	
						VENDOR TOTAL *	155.56	
0002999 20170601	00 PR0601	LAUGHLIN TRUSTEE, KATHLEEN A	00	06/01/2017	051-0000-241.00-00	PAYROLL SUMMARY	606.00	

PROGRAM: GM339L

AS OF: 06/01/2017

PAYMENT DATE: 06/02/2017

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
0002999	00	LAUGHLIN TRUSTEE, KATHLEEN A						
						VENDOR TOTAL *	606.00	
9999999 000070613	00	LEHR, RACHAEL UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	154.01	
						VENDOR TOTAL *	154.01	
9999999 000073445	00	LEWIS, RYAN L UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	174.07	
						VENDOR TOTAL *	174.07	
9999999 000073469	00	LUZZI, NOLAN C UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	145.02	
						VENDOR TOTAL *	145.02	
9999999 000070647	00	MAXTED, CASEY D UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	165.02	
						VENDOR TOTAL *	165.02	
9999999 000059073	00	MCELROY, CODEAN UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	204.60	
						VENDOR TOTAL *	204.60	
9999999 000072719	00	NEAL, JESICA A UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	89.13	
						VENDOR TOTAL *	89.13	
9999999 000058399	00	NELSON, ERIK UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	18.47	
						VENDOR TOTAL *	18.47	
0004192 20170601	00	PAYROLL EFT DEDUCTIONS PR0601	00	06/01/2017	051-0000-241.00-00	PAYROLL SUMMARY	173,220.92	
						VENDOR TOTAL *	173,220.92	
9999999 000042711	00	PETERSON, AARON J UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	139.17	
						VENDOR TOTAL *	139.17	
9999999 000066451	00	RALIOS, LACOLE A UT	00	05/30/2017	051-0000-143.00-00	MANUAL CHECK	63.48	
						VENDOR TOTAL *	63.48	
9999999 000072163	00	SAVINE, MASON J UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	193.44	
						VENDOR TOTAL *	193.44	
9999999 000071743	00	SCHOLLMEYER, ALISA M UT	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	159.81	
						VENDOR TOTAL *	159.81	
9999999	00	SCOTT, TYLER						

PROGRAM: GM339L

AS OF: 06/01/2017

PAYMENT DATE: 06/02/2017

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND-ISSUED AMOUNT
9999999 000071437	00 UT	SCOTT, TYLER	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	145.53	
						VENDOR TOTAL *	145.53	
9999999 000072993	00 UT	SHOWERS, DREW M	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	80.94	
						VENDOR TOTAL *	80.94	
9999999 000067787	00 UT	STEELE, CHRIS G	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	43.62	
						VENDOR TOTAL *	43.62	
9999999 000072541	00 UT	TUNENDER, ISAAC W	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	146.34	
						VENDOR TOTAL *	146.34	
9999999 000073455	00 UT	TURNER, SAMUEL H	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	141.77	
						VENDOR TOTAL *	141.77	
0003109 5E9752217 5E9752217 5E9752217 5E9752217	00	UPS	00	05/31/2017 05/31/2017 05/31/2017 05/31/2017	051-5001-940.60-79 051-5001-940.60-79 053-6105-502.50-23 057-8205-870.60-79	5/27/17 Serv Chrg Share 5/27/17 Serv Chrg Share Water Samples Heath Consultants Inc	6.45 6.45 35.59 111.13	
						VENDOR TOTAL *	159.62	
9999999 000073479	00 UT	VILMONT, SALLY JO	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	135.07	
						VENDOR TOTAL *	135.07	
9999999 000038251	00 UT	WAGNER, DANA	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	77.07	
						VENDOR TOTAL *	77.07	
9999999 000072957	00 UT	WALT, JARRETT R	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	146.64	
						VENDOR TOTAL *	146.64	
9999999 000072505	00 UT	WOODS, THOMAS P	00	05/24/2017	051-0000-143.00-00	FINAL BILL REFUND	159.31	
						VENDOR TOTAL *	159.31	
						EFT/EPAY TOTAL ***		143,348.78
						TOTAL EXPENDITURES *****	177,469.69	143,348.78
					GRAND TOTAL	*****		320,818.47

EAL DESCRIPTION: EAL: 06022017 ANDERSEND

PAYMENT TYPES

Checks	Y
EFTs	Y
ePayables	Y

VOUCHER SELECTION CRITERIA

Voucher/discount due date	06/08/2017
All banks	A

REPORT SEQUENCE OPTIONS:

Vendor	X	One vendor per page? (Y,N)	N
Bank/Vendor		One vendor per page? (Y,N)	N
Fund/Dept/Div		Validate cash on hand? (Y,N)	N
Fund/Dept/Div/Element/Obj		Validate cash on hand? (Y,N)	N
Proj/Fund/Dept/Div/Elm/Obj			

This report is by: Vendor

Process by bank code? (Y,N)	Y
Print reports in vendor name sequence? (Y,N)	Y
Calendar year for 1099 withholding	2017
Disbursement year/per	2017/09
Payment date	06/08/2017

PROGRAM: GM339L

AS OF: 06/08/2017

PAYMENT DATE: 06/08/2017

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND- ISSUED AMOUNT
0000959	00	ACE HARDWARE						
101512/3		PI4159	00	06/08/2017	051-5001-940.50-35	PO NUM 043953	17.42	
101715/3		PI4212	00	06/08/2017	051-5205-580.50-35	PO NUM 043953	10.69	
VENDOR TOTAL *							28.11	
0004276	00	AIRGAS USA LLC						
9063453796		PI4158	00	06/08/2017	051-5105-502.50-35	PO NUM 043494	EFT:	184.20
9063736634		PI4211	00	06/08/2017	051-5105-502.50-35	PO NUM 043494	EFT:	165.78
9063736825		PI4246	00	06/08/2017	051-5105-502.50-35	PO NUM 045711	EFT:	146.54
VENDOR TOTAL *							.00	496.52
0004585	00	AMERICAN BROADBAND INTERNET						
51262 0617		PI4233	00	06/08/2017	051-5001-922.50-53	PO NUM 044176	195.00	
VENDOR TOTAL *							195.00	
0002869	00	AQUA-CHEM INC						
00008100		PI4170	00	06/08/2017	055-7105-502.50-52	PO NUM 045430	2,146.70	
00008330		PI4238	00	06/08/2017	055-7105-502.50-52	PO NUM 045430	1,848.00	
00008433		PI4239	00	06/08/2017	055-7105-502.50-52	PO NUM 045430	618.00	
VENDOR TOTAL *							4,612.70	
0003013	00	BARCO MUNICIPAL PRODUCTS INC						
IN-224852		PI4179	00	06/08/2017	051-5001-940.50-35	PO NUM 045727	880.50	
VENDOR TOTAL *							880.50	
0003660	00	BAUER BUILT INC						
880052196		PI4186	00	06/08/2017	055-7105-512.50-35	PO NUM 043955	21.02	
880052317		PI4187	00	06/08/2017	055-7105-512.50-35	PO NUM 043955	12.00	
VENDOR TOTAL *							33.02	
0002768	00	BEARING HEADQUARTERS CO						
5226069		PI4209	00	06/08/2017	051-0000-153.00-00	PO NUM 045791	EFT:	47.53
VENDOR TOTAL *							.00	47.53
0005008	00	BKD LLP						
BK00746188		PI4142	00	06/08/2017	051-5001-920.60-61	PO NUM 044630	13,500.00	
VENDOR TOTAL *							13,500.00	
0004558	00	BLT PLUMBING HEATING & A/C INC						
13996		PI4191	00	06/08/2017	055-7105-512.60-61	PO NUM 044004	52.50	
VENDOR TOTAL *							52.50	
0003545	00	BOMGAARS SUPPLY INC						
16235446		PI4136	00	06/08/2017	051-5001-940.50-35	PO NUM 043954	48.04	
16238117		PI4213	00	06/08/2017	051-5001-940.50-35	PO NUM 043954	176.53	
16236176		PI4160	00	06/08/2017	055-7105-512.50-35	PO NUM 043954	12.99	
VENDOR TOTAL *							237.56	
0003356	00	CAPITAL CITY CONCEPTS LLC						
052317		PI4255	00	06/08/2017	051-5001-926.60-61	PO NUM 045826	26,805.00	Salary survey for IBEW positions

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND- ISSUED AMOUNT
0003356	00	CAPITAL CITY CONCEPTS LLC						
						VENDOR TOTAL *	26,805.00	
0004518	00	CAPPEL AUTO SUPPLY INC						
212996		PI4225	00	06/08/2017	051-5001-940.50-35	PO NUM 043990	157.22	
213261		PI4226	00	06/08/2017	051-5001-940.50-35	PO NUM 043990	38.39	
213473		PI4228	00	06/08/2017	051-5001-940.50-35	PO NUM 043990	54.47	
213800		PI4230	00	06/08/2017	051-5001-940.50-35	PO NUM 043990	194.47	
213991		PI4232	00	06/08/2017	051-5001-940.50-35	PO NUM 043990	100.31	
213318		PI4227	00	06/08/2017	051-5105-502.50-48	PO NUM 043990	43.17	
213476		PI4229	00	06/08/2017	051-5205-580.50-48	PO NUM 043990	133.48	
213822		PI4231	00	06/08/2017	051-5205-580.50-48	PO NUM 043990	168.65	
						VENDOR TOTAL *	890.16	
0000584	00	CEI						
JUN 17 WC			00	06/08/2017	051-5001-919.20-29	June 2017 Worker Comp	EFT:	25,000.00
						VENDOR TOTAL *	.00	25,000.00
0004615	00	CENTRAL PLAINS ENERGY PROJECT*WIRE*						
051712A197			00	06/08/2017	057-8205-807.50-02	May'17 Dth	28,264.25	Natural Gas purchase
						VENDOR TOTAL *	28,264.25	
0002675	00	CENTURYLINK						
4027272654	0517PI4138		00	06/08/2017	051-5001-922.50-53	PO NUM 043996	48.54	
						VENDOR TOTAL *	48.54	
0005031	00	CENTURYLINK (PHOENIX)						
1409229412	PI4169		00	06/08/2017	051-5001-922.50-53	PO NUM 045329	405.49	
						VENDOR TOTAL *	405.49	
0004900	00	CHEMCO SYSTEMS LP						
14055	PI4210		00	06/08/2017	051-0000-153.00-00	PO NUM 045800	363.08	
						VENDOR TOTAL *	363.08	
0004856	00	CHOPPERS LAWN SERVICE						
FDU1018	PI4234		00	06/08/2017	051-5105-502.60-61	PO NUM 044472	1,400.00	
FDU1018	PI4235		00	06/08/2017	053-6105-502.60-61	PO# 044472	1,500.00	
FDU1018	PI4236		00	06/08/2017	055-7205-583.60-61	PO# 044472	1,250.00	
FDU1018	PI4237		00	06/08/2017	057-8205-870.60-61	PO# 044472	850.00	
						VENDOR TOTAL *	5,000.00	
0003736	00	CLEAN HARBORS ENVIRON SERVICES INC						
1001855799	PI4243		00	06/08/2017	051-5205-580.60-61	PO NUM 045627	2,836.63	
						VENDOR TOTAL *	2,836.63	
0004524	00	CLOUD PEAK ENERGY RESOURCES *WIRE*						
ACC-17-0532			00	06/08/2017	051-0000-152.00-00	5/25/17 tons	174,546.92	Coal purchase
						VENDOR TOTAL *	174,546.92	
0002787	00	COLE-PARMER INSTRUMENT CO						

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND- ISSUED AMOUNT
0002787 1139150	00	COLE-PARMER PI4250	00 06/08/2017	051-5105-502.50-52	PO NUM 045751	203.67	
					VENDOR TOTAL *	203.67	
0003592 30891	00	COMMERCIAL AIR MANAGEMENT INC PI4171	00 06/08/2017	051-5105-502.50-35	PO NUM 045544	3,354.00	
					VENDOR TOTAL *	3,354.00	
0003091 S92079-1 S92077-1	00	DUTTON-LAINSON CO PI4129 PI4130	00 06/08/2017 00 06/08/2017	051-0000-154.00-00 051-0000-154.00-00	PO NUM 045388 PO NUM 045389	EFT: EFT:	3,918.34 268.35
					VENDOR TOTAL *	.00	4,186.69
0003087 7254770-0	00	EAKES OFFICE SOLUTIONS PI4174	00 06/08/2017	055-7105-502.50-42	PO NUM 045684	122.87	
					VENDOR TOTAL *	122.87	
0004551 22607	00	ELEMETAL FABRICATION LLC PI4223	00 06/08/2017	051-5205-580.50-48	PO NUM 043975	86.86	
					VENDOR TOTAL *	86.86	
0005040 9065394	00	EMERSON PROCESS MANAGEMENT POWER & PI4240	00 06/08/2017	051-5105-502.60-61	PO NUM 045525	35,944.24	Unit 8 exciter upgrade
					VENDOR TOTAL *	35,944.24	
0002050 NEFRE146361 NEFRE146361 NEFRE146603 NEFRE146076 NEFRE146419 NEFRE146541 NEFRE146642 NEFRE146683	00	FASTENAL CO PI4131 PI4148 PI4215 PI4137 PI4188 PI4214 PI4216 PI4217	00 06/08/2017 00 06/08/2017 00 06/08/2017 00 06/08/2017 00 06/08/2017 00 06/08/2017 00 06/08/2017 00 06/08/2017	051-0000-154.00-00 051-5001-940.50-35 051-5001-940.50-35 051-5105-502.50-35 051-5105-502.50-35 051-5105-502.50-35 051-5105-502.50-35 051-5205-580.50-35	PO NUM 045707 PO NUM 045707 PO NUM 043960 PO NUM 043960 PO NUM 043960 PO NUM 043960 PO NUM 043960 PO NUM 043960	EFT: EFT: EFT: EFT: EFT: EFT: EFT: EFT:	242.52 92.71 177.81 109.62 13.96 15.30 59.31 255.72
					VENDOR TOTAL *	.00	966.95
0001131 77390 20259751	00	FREMONT TRIBUNE PI4190 PI4224	00 06/08/2017 00 06/08/2017	051-5001-919.60-78 057-8205-870.60-78	PO NUM 043985 PO NUM 043985	9.82 384.53	
					VENDOR TOTAL *	394.35	
0001132 304394 00 304491 00	00	FREMONT WINNELSON CO PI4218 PI4219	00 06/08/2017 00 06/08/2017	053-6105-502.50-35 053-6105-502.50-35	PO NUM 043961 PO NUM 043961	24.45 157.90	
					VENDOR TOTAL *	182.35	
0001139 50441006 50441771	00	GERHOLD CONCRETE CO INC PI4143 PI4220	00 06/08/2017 00 06/08/2017	051-5001-940.50-35 055-7205-583.50-35	PO NUM 045481 PO NUM 043962	348.15 129.00	
					VENDOR TOTAL *	477.15	
0004677	00	GOVCONNECTION INC					

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND- ISSUED AMOUNT
0004677	00	GOVCONNECTION INC						
54797224		PI4244	00	06/08/2017	051-5001-922.50-42	PO NUM 045695	EFT:	1,914.77
54831718		PI4245	00	06/08/2017	051-5001-922.50-42	PO NUM 045695	EFT:	7,729.26
VENDOR TOTAL *							.00	9,644.03
0005027	00	GRAVER WATER SYSTEMS LLC						
51288		PI4154	00	06/08/2017	051-0000-153.00-00	PO NUM 045400	1,415.00	
VENDOR TOTAL *							1,415.00	
0001445	00	GRAYBAR ELECTRIC CO						
991617991		PI4208	00	06/08/2017	051-0000-159.00-00	PO NUM 045745	1,106.21	
VENDOR TOTAL *							1,106.21	
0003155	00	HACH COMPANY						
10465186		PI4251	00	06/08/2017	055-7105-502.50-52	PO NUM 045776	2,697.33	
VENDOR TOTAL *							2,697.33	
0004419	00	HANSEN TIRE LLC						
18871		PI4258	00	06/08/2017	051-5105-502.50-48	PO NUM 045832	68.44	
18871		PI4259	00	06/08/2017	051-5105-502.60-61	PO NUM 045832	298.75	
18866		PI4221	00	06/08/2017	051-5205-580.50-48	PO NUM 043963	232.36	
18903		PI4256	00	06/08/2017	051-5205-580.50-48	PO NUM 045830	135.61	
18903		PI4257	00	06/08/2017	051-5205-580.60-61	PO NUM 045830	170.00	
18858		PI4248	00	06/08/2017	053-6205-583.50-48	PO NUM 045748	231.55	
18858		PI4249	00	06/08/2017	053-6205-583.60-61	PO NUM 045748	46.00	
VENDOR TOTAL *							1,182.71	
0004469	00	HAYES MECHANICAL						
390008		PI4241	00	06/08/2017	051-5105-502.60-61	PO NUM 045575	18,924.00	Unit 7 boiler inspection
390130		PI4242	00	06/08/2017	051-5105-502.60-61	PO NUM 045575	2,199.19	
VENDOR TOTAL *							21,123.19	
0004599	00	IBT INC						
7023834		PI4204	00	06/08/2017	051-0000-154.00-00	PO NUM 045391	EFT:	172.55
7023835		PI4207	00	06/08/2017	051-0000-153.00-00	PO NUM 045712	EFT:	671.70
VENDOR TOTAL *							.00	844.25
0005044	00	IDENTITY AUTOMATION LP						
INV-01205		PI4254	00	06/08/2017	051-5001-922.60-65	PO NUM 045807	5,075.00	
VENDOR TOTAL *							5,075.00	
0001833	00	INDUSTRIAL SALES CO INC						
976533-000		PI4252	00	06/08/2017	057-8205-870.60-61	PO NUM 045779	449.66	
976533-000		PI4253	00	06/08/2017	057-8205-870.60-79	PO NUM 045779	198.09	
VENDOR TOTAL *							647.75	
0000205	00	INGERSOLL RAND COMPANY						
30599828		PI4176	00	06/08/2017	055-7105-512.60-61	PO NUM 045704	465.30	
VENDOR TOTAL *							465.30	
0003074	00	JACKSON SERVICES INC						

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VEND NO	SEQ#	VENDOR NAME						EFT, EPAY OR
INVOICE	VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND- ISSUED
NO	NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
0003074	00	JACKSON SERVICES INC						
20170504	PR0504		00	06/08/2017	051-0000-241.00-00	PAYROLL SUMMARY	EFT:	199.73
20170518	PR0518		00	06/08/2017	051-0000-241.00-00	PAYROLL SUMMARY	EFT:	199.73
567 - 053117			00	06/08/2017	051-5001-932.50-46	May Mats	EFT:	14.98
567 - 053117			00	06/08/2017	051-5001-940.50-46	May Mops	EFT:	2.19
567 - 053117			00	06/08/2017	051-5001-940.20-29	May Uniforms/Whse	EFT:	69.18
1110 - 053117			00	06/08/2017	051-5001-932.50-46	May Mats/Mops/Towels	EFT:	212.00
1110 - 053117			00	06/08/2017	051-5001-940.50-46	May Mats/Mops	EFT:	522.50
567 - 053117			00	06/08/2017	051-5105-502.50-46	May Mops	EFT:	68.92
567 - 053117			00	06/08/2017	051-5105-502.20-29	May Uniforms	EFT:	1,084.68
1110 - 053117			00	06/08/2017	051-5105-502.50-46	May Mats	EFT:	450.40
567 - 053117			00	06/08/2017	051-5205-580.20-29	May Uniforms/Elect Distr	EFT:	1,267.92
567 - 053117			00	06/08/2017	051-5205-580.20-29	May Uniforms/Engineers	EFT:	86.10
1110 - 053117			00	06/08/2017	053-6105-502.50-46	May Mats	EFT:	25.76
567 - 053117			00	06/08/2017	053-6205-583.20-29	May Uniforms	EFT:	296.40
567 - 053117			00	06/08/2017	055-7105-502.20-29	May Uniforms	EFT:	146.84
1110 - 053117			00	06/08/2017	055-7105-502.50-46	May Mats/Mops	EFT:	94.72
567 - 053117			00	06/08/2017	057-8205-870.20-29	May Uniforms	EFT:	744.08
VENDOR TOTAL *							.00	5,486.13
0003257	00	JENSEN WELL CO INC						
43338	PI4326		00	06/08/2017	053-6105-502.50-35	PO NUM 045848	107.83	
VENDOR TOTAL *							107.83	
0003085	00	KELLY SUPPLY CO						
11118486-0	PI4205		00	06/08/2017	051-0000-153.00-00	PO NUM 045688	EFT:	814.60
11118486-0	PI4206		00	06/08/2017	051-0000-153.00-00	PO NUM 045688	EFT:	275.73
VENDOR TOTAL *							.00	1,090.33
0004708	00	KIMBALL MIDWEST						
5619967	PI4247		00	06/08/2017	051-5001-940.50-35	PO NUM 045728	420.92	
VENDOR TOTAL *							420.92	
0002902	00	KRIZ-DAVIS CO						
S101562170-001	PI4133		00	06/08/2017	051-0000-154.00-00	PO NUM 045746	EFT:	175.09
S101562170-002	PI4134		00	06/08/2017	051-0000-154.00-00	PO NUM 045746	EFT:	121.44
S101563501-001	PI4135		00	06/08/2017	051-0000-154.00-00	PO NUM 045749	EFT:	1,142.76
S101564855-001	PI4156		00	06/08/2017	051-0000-154.00-00	PO NUM 045770	EFT:	390.55
S101568925-001	PI4185		00	06/08/2017	051-0000-154.00-00	PO NUM 045784	EFT:	235.40
S101565575-001	PI4162		00	06/08/2017	051-5205-580.50-35	PO NUM 043965	EFT:	55.75
S101566480-001	PI4198		00	06/08/2017	051-5205-580.50-35	PO NUM 045780	EFT:	609.90
S101556526-001	PI4161		00	06/08/2017	055-7105-512.50-35	PO NUM 043965	EFT:	200.00
S101546411-001	PI4222		00	06/08/2017	055-7205-583.50-35	PO NUM 043965	EFT:	41.60
VENDOR TOTAL *							.00	2,972.49
0004967	00	KUBOTA OF OMAHA						
CO103500	PI4203		00	06/08/2017	055-7105-512.50-35	PO NUM 045810	395.18	
VENDOR TOTAL *							395.18	
0004601	00	LINCOLN WINWATER WORKS CO						

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0004601 048614 00	00	LINCOLN WINWATER WORKS CO PI4328	00	06/08/2017	055-7105-512.50-35	PO NUM 045702	17,658.34	AIRLINE PIPE AND CONNECTIONS
						VENDOR TOTAL *	17,658.34	EMERGENCY REPAIR
0004816 IN335734	00	LUBRICATION ENGINEERS INC PI4309	00	06/08/2017	055-7105-512.50-35	PO NUM 045729	297.50	
						VENDOR TOTAL *	297.50	
0002945 30263562	00	LYMAN RICHEY SAND & GRAVEL CO PI4189	00	06/08/2017	055-7105-512.50-35	PO NUM 043968	63.47	
						VENDOR TOTAL *	63.47	
0000667 31411931 31411931 31411931	00	MCMaster-CARR SUPPLY CO PI4199 PI4200 PI4201	00	06/08/2017 06/08/2017 06/08/2017	051-5105-502.50-35 051-5105-502.50-35 051-5105-502.60-79	PO NUM 045785 PO NUM 045785 PO NUM 045785	24.50 129.01 8.56	
						VENDOR TOTAL *	162.07	
0001229 31248 31249 31242 31512 31782 31098	00	MENARDS - FREMONT PI4261 PI4268 PI4267 PI4269	00	06/08/2017 06/08/2017 06/08/2017 06/08/2017	051-0000-154.00-00 051-5001-940.50-35 051-5205-580.50-35 055-7105-512.50-35	PO NUM 045632 PO NUM 043970 PO NUM 043970 PO NUM 043970	33.37 29.55 139.09 78.32	
						PO NUM 043970 PO NUM 043970 PO NUM 045769	32.19 766.00	
						VENDOR TOTAL *	1,078.52	
0004795 9048 9048	00	METERING & TECHNOLOGY SOLUTIONS PI4320 PI4321	00	06/08/2017 06/08/2017	053-6205-583.50-35 053-6205-583.60-79	PO NUM 045834 PO NUM 045834	329.56 9.37	
						VENDOR TOTAL *	338.93	
0004867 471742333 #2	00 #2	MID-CONTINENTAL RESTORATION CO INC PI4303	00	06/08/2017	051-5105-502.60-61	PO NUM 045478	43,101.97	Brick repairs to Plant II
						VENDOR TOTAL *	43,101.97	
0002069 32221 32221	00	MIDWEST OUTDOOR POWER LLC PI4263 PI4319	00	06/08/2017 06/08/2017	051-0000-154.00-00 051-5205-580.50-35	PO NUM 045828 PO NUM 045828	154.40 57.76	
						VENDOR TOTAL *	212.16	
0004883 1318675	00	MISSISSIPPI LIME COMPANY 00 06/08/2017	00	06/08/2017	051-0000-158.02-00	5/26/17 25.40 TN	EFT:	4,357.37
						VENDOR TOTAL *	.00	4,357.37
0004892 089564	00	MIXER SYSTEMS INC PI4128	00	06/08/2017	051-0000-153.00-00	PO NUM 045341	71.09	
						VENDOR TOTAL *	71.09	
0004965	00	MJN MACHINE						

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INVOICE	VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND- ISSUED	
NO	NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT	
0004965	00	MJN MACHINE							
1576		PI4192	00	06/08/2017	055-7105-512.50-35	PO NUM 044816	764.00		
1576		PI4193	00	06/08/2017	055-7105-512.60-61	PO NUM 044816	500.00		
						VENDOR TOTAL *	1,264.00		
0001486	00	MOTION INDUSTRIES INC							
NE01-467497		PI4132	00	06/08/2017	051-0000-153.00-00	PO NUM 045732	23.07		
NE01-467506		PI4144	00	06/08/2017	051-5105-502.50-35	PO NUM 045676	272.10		
NE01-467506		PI4145	00	06/08/2017	051-5105-502.60-79	PO NUM 045676	17.18		
NE01-467497		PI4151	00	06/08/2017	051-5105-502.50-35	PO NUM 045732	158.71		
NE01-467497		PI4152	00	06/08/2017	051-5105-502.60-79	PO NUM 045732	22.52		
NE01-467771		PI4172	00	06/08/2017	051-5105-502.50-35	PO NUM 045570	51.75		
NE01-467771		PI4173	00	06/08/2017	051-5105-502.60-79	PO NUM 045570	12.04		
						VENDOR TOTAL *	557.37		
0002985	00	MSC INDUSTRIAL SUPPLY CO INC							
96805587		PI4157	00	06/08/2017	051-0000-154.00-00	PO NUM 045772	EFT:	481.89	
21605387		PI4308	00	06/08/2017	051-5001-940.50-35	PO NUM 045725	EFT:	245.37	
C97929787		PI4202	00	06/08/2017	051-5105-502.50-35	PO NUM 045786	EFT:	205.16	
						VENDOR TOTAL *	.00	932.42	
0003057	00	NEBR DEPT OF ENVIRONMENTAL QUALITY							
1362 LUTTIG C		PI4181	00	06/08/2017	055-7105-502.60-77	PO NUM 045765	150.00		
						VENDOR TOTAL *	150.00		
0001958	00	NEBR PUBLIC HEALTH ENVIRONMENTAL							
488352		PI4141	00	06/08/2017	053-6105-502.60-61	PO NUM 044530	EFT:	720.00	
						VENDOR TOTAL *	.00	720.00	
0005049	00	NEBRASKA COMMUNITY ENERGY ALLIANCE							
2017-03		PI4182	00	06/08/2017	051-5001-919.60-61	PO NUM 045781	500.00		
2017-03		PI4183	00	06/08/2017	051-5001-919.60-67	PO NUM 045781	1,000.00		
						VENDOR TOTAL *	1,500.00		
0004151	00	NORTH AMERICAN ELECTRIC RELIABILITY							
21510		PI4168	00	06/08/2017	051-5105-502.60-61	PO NUM 044580	5,177.37		
						VENDOR TOTAL *	5,177.37		
0003136	00	NORTHERN NATURAL GAS CO *FNB WIRE*							
1002 MAY 2017			00	06/08/2017	057-8205-807.50-02		69,577.53	Natural gas purchase	
						VENDOR TOTAL *	69,577.53		
0002937	00	O'KEEFE ELEVATOR CO INC							
00457809		PI4166	00	06/08/2017	051-5001-932.60-65	PO NUM 044245	184.66		
00457809		PI4167	00	06/08/2017	051-5105-502.60-65	PO NUM 044245	1,046.44		
						VENDOR TOTAL *	1,231.10		
0001020	00	O'REILLY AUTOMOTIVE INC							
0397-458833		PI4271	00	06/08/2017	051-5105-502.50-48	PO NUM 043973	19.41		
0397-459625		PI4272	00	06/08/2017	051-5205-580.50-48	PO NUM 043973	77.30		

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INVOICE	VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND- ISSUED
NO	NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
0001020	00	O'REILLY AUTOMOTIVE INC						
0397-459839	PI4273		00	06/08/2017	051-5205-580.50-48	PO NUM 043973	115.16	
0397-458776	PI4163		00	06/08/2017	055-7105-512.50-35	PO NUM 043973	5.13	
VENDOR TOTAL *							217.00	
0002888	00	OFFICENET						
872652-0	PI4149		00	06/08/2017	051-5001-920.50-40	PO NUM 045715	227.02	
872652-0	PI4150		00	06/08/2017	051-5001-920.50-61	PO NUM 045715	78.97	
872847-0	PI4178		00	06/08/2017	051-5001-903.50-40	PO NUM 045726	117.25	
873101-0	PI4197		00	06/08/2017	051-5001-920.50-40	PO NUM 045763	95.04	
IN6590	PI4281		00	06/08/2017	051-5001-903.60-65	PO NUM 044096	256.80	
IN6589	PI4297		00	06/08/2017	051-5001-940.60-65	PO NUM 044582	74.07	
IN6591	PI4298		00	06/08/2017	051-5001-940.60-65	PO NUM 044582	371.92	
IN6588	PI4295		00	06/08/2017	051-5205-580.60-65	PO NUM 044440	268.19-	
IN6588	PI4296		00	06/08/2017	051-5205-580.60-65	PO NUM 044440	374.48	
VENDOR TOTAL *							1,327.36	
0001268	00	P & H ELECTRIC INC						
116754	PI4180		00	06/08/2017	053-6105-502.50-35	PO NUM 045743	87.74	
VENDOR TOTAL *							87.74	
0003827	00	PEST PRO'S INC						
MNCP BLD 052217	PI4285		00	06/08/2017	051-5001-932.60-61	PO NUM 044194	42.80	
ASH PD 052217	PI4286		00	06/08/2017	051-5105-502.60-61	PO NUM 044208	48.15	
CMBT TUR 052217	PI4287		00	06/08/2017	051-5105-502.60-61	PO NUM 044208	53.50	
PWR PLT 052617	PI4288		00	06/08/2017	051-5105-502.60-61	PO NUM 044208	85.60	
SUB STA 052217	PI4289		00	06/08/2017	051-5205-580.60-61	PO NUM 044218	128.10	
SUB STA 052217	PI4290		00	06/08/2017	051-5205-580.60-61	PO NUM 044218	190.35	
WTR PLT 052217	PI4283		00	06/08/2017	053-6105-502.60-61	PO NUM 044137	69.55	
WWTP 052217	PI4284		00	06/08/2017	055-7105-502.60-61	PO NUM 044189	110.00	
WWTP 052217	PI4327		00	06/08/2017	055-7105-502.60-61	PO NUM 044189	180.00	
VENDOR TOTAL *							908.05	
0004800	00	PINNACLE BANK - VISA						
4136188401	PI4300		00	06/08/2017	051-5001-920.60-62	PO NUM 045069	959.32	
VENDOR TOTAL *							959.32	
0002825	00	PIONEER INDUSTRIAL CORP						
65533	PI4177		00	06/08/2017	055-7105-512.50-35	PO NUM 045705	164.65	
VENDOR TOTAL *							164.65	
0001627	00	PIPING RESOURCES INC						
0254214-IN	PI4315		00	06/08/2017	051-5105-502.50-35	PO NUM 045782	1,237.00	
0254045-IN	PI4317		00	06/08/2017	051-5105-502.50-35	PO NUM 045790	178.18	
0254045-IN	PI4318		00	06/08/2017	051-5105-502.60-79	PO NUM 045790	38.35	
VENDOR TOTAL *							1,453.53	
0002919	00	PLATTE VALLEY EQUIPMENT LLC						
907855	PI4274		00	06/08/2017	051-5105-502.50-48	PO NUM 043976	17.13	
910083	PI4275		00	06/08/2017	051-5105-502.50-48	PO NUM 043976	37.43	

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0002919	00	PLATTE VALLEY EQUIPMENT LLC						
905195		PI4310	00	06/08/2017	051-5105-502.50-48	PO NUM 045734	638.07	
914693		PI4316	00	06/08/2017	051-5105-502.50-48	PO NUM 045783	405.62	
						VENDOR TOTAL *	1,098.25	
0002793	00	PLIBRICO COMPANY LLC						
98364		PI4196	00	06/08/2017	051-5105-502.50-35	PO NUM 045733	305.25	
						VENDOR TOTAL *	305.25	
0004740	00	PREMIER STAFFING INC						
9753		PI4301	00	06/08/2017	051-5001-903.60-61	PO NUM 045081	610.50	
9790		PI4302	00	06/08/2017	051-5001-903.60-61	PO NUM 045081	594.22	
9791		PI4277	00	06/08/2017	051-5205-580.60-61	PO NUM 043988	40.00	
9745		PI4276	00	06/08/2017	055-7105-502.60-61	PO NUM 043988	30.00	
						VENDOR TOTAL *	1,274.72	
0000762	00	SCHAEFFER MANUFACTURING CO						
733723-INVI		PI4195	00	06/08/2017	051-5105-502.50-35	PO NUM 045568	EFT:	2,705.39
						VENDOR TOTAL *	.00	2,705.39
0004992	00	SHIBUMI CONSULTING SREVICES LLC						
303375		PI4299	00	06/08/2017	051-5001-903.60-61	PO NUM 044911	1,200.00	
						VENDOR TOTAL *	1,200.00	
0004273	00	SHRED MONSTER INC						
24108		PI4282	00	06/08/2017	051-5001-932.60-61	PO NUM 044124	116.00	
						VENDOR TOTAL *	116.00	
0000429	00	SKARSHAUG TESTING LABORATORY INC						
218123		PI4278	00	06/08/2017	051-5205-580.60-61	PO NUM 043994	205.60	
218123		PI4279	00	06/08/2017	051-5205-580.60-79	PO NUM 043994	93.62	
						VENDOR TOTAL *	299.22	
0003415	00	SNAP-ON INDUSTRIAL						
ARV/32619351		PI4311	00	06/08/2017	051-5001-940.50-35	PO NUM 045767	147.06	
ARV/32641031		PI4312	00	06/08/2017	051-5001-940.50-35	PO NUM 045767	110.11	
						VENDOR TOTAL *	257.17	
0002023	00	SOLUTIONONE						
473592		PI4165	00	06/08/2017	051-5001-903.60-65	PO NUM 044126	203.60	
						VENDOR TOTAL *	203.60	
0003923	00	STATE OF NEBRASKA - CELLULAR						
1064510			00	06/08/2017	051-5001-903.50-53	Cellular	EFT:	73.02
1064510			00	06/08/2017	051-5001-919.50-53	Cellular	EFT:	68.29
1064510			00	06/08/2017	051-5001-922.50-53	Cellular	EFT:	68.29
1064510			00	06/08/2017	051-5001-926.50-53	Safety Mgr Cellular	EFT:	68.29
1064510			00	06/08/2017	051-5105-502.50-53	Cellular	EFT:	139.86
1064510			00	06/08/2017	051-5205-580.50-53	Engineers Cellular	EFT:	230.36
1064510			00	06/08/2017	051-5205-580.50-53	Elect Distr Cellular	EFT:	368.12

PROGRAM: GM339L

AS OF: 06/08/2017

PAYMENT DATE: 06/08/2017

DEPARTMENT OF UTILITIES

VEND NO INVOICE NO	SEQ# VOUCHER NO	VENDOR NAME P.O. NO	BNK	CHECK/DUE DATE	ACCOUNT NO	ITEM DESCRIPTION	CHECK AMOUNT	EFT, EPAY OR HAND- ISSUED AMOUNT	
0003923	00	STATE OF NEBRASKA - CELLULAR							
1064510			00	06/08/2017	053-6105-502.50-53	Cellular	EFT:	57.59	
1064510			00	06/08/2017	053-6205-583.50-53	Cellular	EFT:	206.82	
1064510			00	06/08/2017	055-7105-502.50-53	Cellular	EFT:	22.56	
1064510			00	06/08/2017	057-8205-870.50-53	Cellular	EFT:	239.83	
1064510	PI4304		00	06/08/2017	057-8205-870.50-55	PO NUM 045612	EFT:	106.99	
VENDOR TOTAL *							.00	1,650.02	
0005051	00	SUPERION LLC							
137408	PI4322		00	06/08/2017	051-5001-903.60-77	PO NUM 045837	EFT:	248.39	
137408	PI4323		00	06/08/2017	051-5001-903.60-77	PO# 045837	EFT:	13.07	
VENDOR TOTAL *							.00	261.46	
0004890	00	TETRA TECH INC							
51184262	01	PI4264	00	06/08/2017	051-5105-502.60-61	PO NUM 041831	425.00		
51184262	04	PI4265	00	06/08/2017	051-5105-502.60-61	PO NUM 041831	440.00		
51184262	12	PI4266	00	06/08/2017	051-5105-502.60-61	PO NUM 041831	645.00		
VENDOR TOTAL *							1,510.00		
0005028	00	TUNNEL MILL POLYMER INC							
5282	PI4260		00	06/08/2017	055-0000-154.00-00	PO NUM 045209	4,410.00		
VENDOR TOTAL *							4,410.00		
0001914	00	UNION PACIFIC RAILROAD							
287274125			00	06/08/2017	051-0000-152.00-00	5/25/17	EFT:	233,937.14	Coal freight
VENDOR TOTAL *							.00	233,937.14	
0004520	00	US BANK CORPORATE PAYMENT SYSTEMS							
05172017	PI4184		00	06/08/2017	051-5001-919.60-69	PO NUM 045809	2.50		
9241-1496174433	PI4324		00	06/08/2017	051-5105-502.50-35	PO NUM 045838	6,801.50		
9241-1496174433	PI4325		00	06/08/2017	051-5105-502.60-79	PO NUM 045838	83.90		
VENDOR TOTAL *							6,887.90		
0000647	00	USABBLUEBOOK							
264302	PI4314		00	06/08/2017	053-6105-502.50-35	PO NUM 045774	1,167.19		
VENDOR TOTAL *							1,167.19		
0000525	00	UTILITY EQUIPMENT CO							
40052486-000	PI4153		00	06/08/2017	053-6205-583.50-35	PO NUM 045744	223.15		
VENDOR TOTAL *							223.15		
0004149	00	UTILITY SOLUTIONS ASSOCIATES INC							
051617-2	PI4147		00	06/08/2017	053-6205-583.50-35	PO NUM 045697	3,545.98		
VENDOR TOTAL *							3,545.98		
0002894	00	WASTE CONNECTIONS INC							
4831220	PI4291		00	06/08/2017	051-5001-932.50-49	PO NUM 044253	226.14		
4831220	PI4292		00	06/08/2017	051-5001-940.50-49	PO NUM 044253	291.41		
4831220	PI4293		00	06/08/2017	051-5105-502.50-49	PO NUM 044253	264.71		
4831220	PI4294		00	06/08/2017	055-7105-502.50-49	PO NUM 044253	1,030.91		

VEND NO	SEQ#	VENDOR NAME							EFT, EPAY OR
INVOICE		VOUCHER	P.O.	BNK	CHECK/DUE	ACCOUNT	ITEM	CHECK	HAND- ISSUED
NO		NO	NO		DATE	NO	DESCRIPTION	AMOUNT	AMOUNT
0002894	00	WASTE CONNECTIONS INC							
							VENDOR TOTAL *	1,813.17	
0004336	00	WATERLINK INC							
11252		PI4175		00	06/08/2017	051-5105-502.50-52	PO NUM 045698	20,967.72	Chemicals for waterlab @ Plant II
							VENDOR TOTAL *	20,967.72	
0000482	00	WESCO RECEIVABLES CORP							
854585		PI4155		00	06/08/2017	051-0000-154.00-00	PO NUM 045762	EFT:	438.70
857432		PI4262		00	06/08/2017	051-0000-154.00-00	PO NUM 045762	EFT:	37.45
856079		PI4194		00	06/08/2017	051-5205-580.50-35	PO NUM 045547	EFT:	63.13
856080		PI4307		00	06/08/2017	051-5205-580.50-35	PO NUM 045721	EFT:	203.30
							VENDOR TOTAL *	.00	742.58
0004342	00	WIESE PLUMBING & EXCAVATING INC							
3840		PI4305		00	06/08/2017	057-8205-870.60-61	PO NUM 045645	1,826.88	
3840		PI4306		00	06/08/2017	057-8205-870.60-61	PO NUM 045645	2,123.12	
							VENDOR TOTAL *	3,950.00	
0004135	00	WINDOW PRO INC							
32995		PI4164		00	06/08/2017	051-5001-932.60-61	PO NUM 044095	EFT:	836.74
33150		PI4280		00	06/08/2017	051-5001-932.60-61	PO NUM 044095	EFT:	10.70
							VENDOR TOTAL *	.00	847.44
0002791	00	YRC FREIGHT							
665-117253-7		PI4146		00	06/08/2017	051-5105-502.60-79	PO NUM 045690	135.00	
							VENDOR TOTAL *	135.00	
							EFT/EPAY TOTAL ***		296,888.74
							TOTAL EXPENDITURES ****	531,024.76	296,888.74
							GRAND TOTAL *****		827,913.50

STAFF REPORT

TO: BOARD OF PUBLIC WORKS

FROM: Alan Kaspar, Director of Electrical Engineering
Brian Newton, General Manager

DATE: June 7, 2017

SUBJECT: Engineering Services for SCADA/Control System Upgrades

Recommendation: Approve proposal from HDR Inc. for Engineering Services for SCADA/Control System Upgrades.

Background: The current Department of Utilities (DU) Strategic Plan includes needed upgrades to existing Supervisory Control and Data Acquisition (SCADA) systems. A SCADA Project Team has been established to manage and complete the project. On April 28, 2017 the DU issued a Request for Proposal (RFP) for Engineering Services for the SCADA/Control System Upgrades. The successful bidder will act as the DU's Owner's Engineer throughout the project. Proposals were received until 4:30 p.m. May 26th, 2017. The following proposals were received:

Submitter	HDR, Inc.	Kiewit Engineering Group Inc.	Olsson Associates
Proposal Price	\$167,883	\$179,805	\$106,260

The proposals were reviewed and objectively ranked by the Project Team. Criteria used included qualifications of the consultant, cost, experience with DU SCADA systems, experience with jobs of similar scope and size, and project understanding and approach. Although the Olsson Associates proposal was lowest cost, their project understanding and approach was deemed to be unacceptable.

The SCADA Project Team recommends that we accept the proposal from HDR, Inc. for \$167,883.

Fiscal Impact: Total cost of the recommended proposal is \$167,883. Proposal cost is within the approved budget for SCADA upgrades across all utilities.

STAFF REPORT

TO: Honorable Mayor and City Council
Board of Public Works

FROM: Jeff Shanahan, Power Plant Superintendent

DATE: June 07, 2017

SUBJECT: Powder Activated Carbon (PAC) Agreement

Recommendation: Execute Second Amendment to the PAC agreement

BACKGROUND:

The United States Environmental Protection Agency (EPA) and Nebraska Department of Environmental Quality (NDEQ) require Powdered Activated Carbon injection in boiler #8 at the Lon D. Wright facility.

In 2015, LDW solicited for the PAC supply and entered into a one-year agreement with Cabot Norit with the option of taking five one-year extensions. Cabot Norit has offered the City of Fremont, Department of Utilities a one-year extension with no cost adjustments.

LDW Staff requests that Board of Public Works recommend Fremont City Council authorize LDW Staff to execute a Second Amendment to the PAC Agreement with Cabot Norit.

FISCAL IMPACT:

FY 2017/2018 operating budget expenditure of ~\$113,000, depending upon Unit #8 usage.

**SECOND AMENDMENT TO
POWDER ACTIVATED CARBON
SUPPLY AGREEMENT**

This Second Amendment (“Amendment”) to Powder Activated Carbon Supply Agreement is made and entered into effective as of the 13 day of June, 2017 (“Amendment Effective Date”) by and between The City of Fremont, a Nebraska Municipal corporation (“Buyer”), and Cabot Norit Americas, Inc., a Georgia corporation (“Seller”).

WHEREAS, Buyer and Seller have entered into a Powder Activated Carbon Supply Agreement dated as of August 19, 2015, as amended effective June 23, 2016 (the “Agreement”) pursuant to which Seller has agreed to supply and Buyer has agreed to purchase activated carbon on the terms and conditions stated therein; and

WHEREAS, the parties desire to amend the Agreement to extend its term through September 22, 2018.

Capitalized terms used but not otherwise defined herein shall have the meanings ascribed to such terms in the Agreement.

NOW THEREFORE, in consideration of the mutual covenants and agreements stated herein, Buyer and Seller agree to amend the Agreement as of the Amendment Effective Date as follows:

1. Section 3.0, Term, of the Agreement is hereby deleted in its entirety and replaced with the following:

3.0 Term. The term of this Agreement shall commence on the date of first delivery and shall continue in effect through September 22, 2018 (the “Term”). If the Seller and Buyer agree, this Agreement may be extended for three additional terms of one year each.”

Except as specifically set forth in this Amendment, all other terms and conditions of the Agreement shall remain in full force and effect and shall apply to this Amendment.

IN WITNESS WHEREOF, the parties have executed this Amendment as of the date set forth above.

SELLER:
CABOT NORIT AMERICAS, INC.

BUYER:
THE CITY OF FREEMONT

By: _____

By: _____

Name: _____

Name: Jeff Shanahan

Title: _____

Title: Lon D. Wright, Plant Superintendent

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STAFF REPORT

TO: Honorable Mayor and City Council
Board of Public Works

FROM: Jeff Shanahan, Power Plant Superintendent

DATE: June 07, 2017

SUBJECT: Lon D. Wright (LDW) Power Plant Overhead Crane Upgrade

Recommendation: Approve bid from Kistler Crane for overhead crane upgrade

BACKGROUND:

The overhead crane at the LDW Plant was installed when Unit #6 was installed, approximately 1958. There have been numerous repairs completed on the crane to keep it working. Now finding parts is difficult and in some cases have to be custom made.

The crane is critical to the operation of the plant when performing turbine and generator maintenance. The crane is also the only means of moving heavy equipment in and out of the plant basement and unloading large items from trucks.

LDW staff had various vendors inspect the crane and make recommendations as to the best solution for upgrading the crane. A specification was created and public bids were requested and received on May 24, 2017

Below is the price for the base bid and the options from the two bidders:

	<u>Industrial Equipment Services</u>	<u>Kistler Crane and Hoist</u>
Base Bid 5.2	\$173,339.00	\$149,745.00
Option 6 Bridge Brake	\$16,532.00	\$13,714.00
Option 7 Load Test	<u>\$15,405.00</u>	<u>\$13,846.00</u>
Total Price	\$205,276.00	\$177,305.00

After review of the bids and consultation with the vendors, LDW staff requests that the Board of Public Works approve and recommend the City Council authorize LDW Staff issue a contract and purchase order to Kistler Crane and Hoist in the amount of \$177,305.00 to upgrade the overhead crane at the LDW Power Plant.

FISCAL IMPACT:

FY 2016/2017 Capital Budget Expenditure of \$177,305.00

STAFF REPORT

TO: BOARD OF PUBLIC WORKS

FROM: Troy Schaben, Assistant General Manager Dept. of Utilities

DATE: June 7, 2017

SUBJECT: Amendment #2 to HDR Contract for Water and Sewer Extension to proposed Processing Plant Site for natural gas line to the wastewater treatment plant.

Recommendation: Approve General Manager to sign amendment to contract in amount of \$47,470 and recommend approval by the City Council.

Background: A contract for engineering services was signed with HDR Inc. to engineer and design water and sewer extensions to the Costco Processing Plant site. Staff requests authorization to amend the HDR contract to add engineering and design for a natural gas line from wastewater treatment plant (WWTP) to approximately Luther Road and Morningside. The line will be used to transport scrubbed biogas from the lagoons to Fremont's natural gas system for use and in order to capture environmental credits, and supply the WWTP with natural gas.

Staff recommends the Board of Public Works approve the amendment and recommend the item be added to the City Council agenda for consideration.

Fiscal Impact: \$47,470, which is included in the cost to extend natural gas to Costco

**AMENDMENT NO. 2
TO
AGREEMENT FOR DESIGN AND CONSTRUCTION SERVICES
BETWEEN
CITY OF FREMONT DEPARTMENT OF UTILITIES, FREMONT, NEBRASKA (OWNER)
AND
HDR ENGINEERING, INC. (ENGINEER)
FOR
Water and Sanitary Sewer Extension to
Proposed Processing Plant Site**

The AMENDMENT NO. 2 between City of Fremont Department of Utilities, Fremont, Nebraska (“OWNER”) and HDR ENGINEERING, INC., (“ENGINEER”), this ____ day of _____, 2017, shall modify the AGREEMENT for Design and Construction Services for Water and Sanitary Sewer Extension to Proposed Processing Plant Site (“Project”) dated June 16, 2016.

WHEREAS, the OWNER employed the ENGINEER to perform engineering services in connection with the Project. The ENGINEER wishes to establish the scope of services and fee basis for the additional design services requested by the OWNER in connection with installation of a 4-inch Natural Gas Main from the intersection of Morningside Road and Bud Blvd to the Wastewater Treatment Plant (WWTP) and to modify the current completed Fremont Utilities Extension Project bidding documents to include this work by Addendum.

NOW, THEREFORE, HDR and OWNER do hereby mutually agreed that the existing agreement be amended as described as follows:

1. Section I – Scope of Services: As requested by the OWNER, the Scope of Services shall be amended as outline in the attached EXHIBIT A - AMENDMENT 2: SCOPE OF SERVICES.
2. Section IV – Compensation: The compensation for basic services included in the existing Agreement shall be modified as follows:
 - a. For basic services for Task Series 800 – 4-inch Natural Gas line extension to WWTP, the fee shall be increased by \$47,470.

This Amendment No. 2 shall increase the total compensation amount as revised by Amendment No. 1 to the original Agreement by Forty Seven Thousand Four Hundred Seventy Dollars (\$47,470), to a revised total amount of \$322,845 which shall not be exceeded without further authorization by the OWNER.

All other terms and provisions of the Contract between OWNER and ENGINEER dated June 16, 2016, shall remain in full force and effect.

IN WITNESS WHEREOF, OWNER and ENGINEER do hereby execute this Agreement Amendment No. 2.

CITY OF FREMONT DEPT. OF UTILITIES

"OWNER"

BY: _____

NAME: _____

TITLE: _____

ADDRESS: 400 E. Military Avenue
Fremont, NE 68025

HDR ENGINEERING, INC.

"ENGINEER"

BY:  _____

NAME: Ronald J. Sova

TITLE: Vice President

ADDRESS: 8404 Indian Hills Drive
Omaha, NE 68114

EXHIBIT A

**AMENDMENT 2:
SCOPE OF SERVICES**

AMENDMENT NO. 2:

Scope of Services

The following Scope of Services outlines the additional project tasks associated with the with installation of a 4-inch Natural Gas Main from the intersection of Morningside Road and Bud Blvd to the Wastewater Treatment Plant (WWTP) and to modify the current completed Fremont Utilities Extension Project bidding documents to include this work by Addendum.

This Scope of Services is providing engineering services to the City of Fremont Department of Utilities ("City") for the project management/coordination, design services, and completed Fremont Utility Extension Plan and Specifications revisions for approximately 2.5 miles of 4-inch natural gas main. The specific Scope of Services for Amendment No. 2 is described as follows:

Task Series 800 – 4-inch Natural Gas Line Extension to WWTP

Task 810 –Project Management

OBJECTIVE:

- To provide continued project management activities for the duration of the additional design services including planning, organizing, and monitoring project team activities, budget management, QA/QC reviews, subconsultant management, and liaison with City to collaborate and facilitate input as identified during the completion of the design activities.

HDR ACTIVITIES:

- Project management.

DELIVERABLES:

- Project schedule updates.

Task 820 – Client Meetings

OBJECTIVE:

- Meet with the client to discuss proposed design and receive review comments during the course of the project. A total of three (3) meetings have been allowed for the duration of additional project design services.

Task 821 – Initial Design Meeting

OBJECTIVE:

- The project schedule requires efficient communication and prompt data acquisition. The City and HDR will need to work as a team to assure that required information and data needed to complete the design is provided in a timely manner and that decision items are discussed and resolved swiftly. To facilitate this, HDR will conduct an initial design meeting immediately after notice to proceed. This meeting will be held with the City of Fremont Staff, other affected stakeholders, and key HDR personnel to discuss and review the following:
 - o Review and establish Project goals;
 - o Identify City concerns and potential obstacles;
 - o Review and confirm project procedures, communication paths, and project requirements;
 - o Review and confirm additional scope of services and overall schedule as required;
 - o Obtain from the City and discuss projected natural gas usage and flow to/from the WWTP;
 - o Discuss and finalize the design alignment for the natural gas main;
 - o Discuss and finalize locations and design concepts for the pressure regulation;
 - o Determine pipe type for natural gas main;
 - o Obtain pressure information at the connection point to the existing system;
 - o Obtain record drawings of natural gas main at connection point;
 - o Confirm accessibility at proposed sites and proposed natural gas main alignment for conducting survey and geotechnical borings.

HDR ACTIVITIES:

- Identify project needs for background information to be provided by the City, which may impact the design.
- Issue to City prior to meeting a list of background information to be assembled and provided by the City at the initial design meeting.
- Prepare agenda and conduct the initial design meeting.

CITY ACTIVITIES:

- Assemble and provide information requested at the Initial Design Meeting.

DELIVERABLES:

- List of background information requested
- Meeting agenda and meeting notes.

Task 822 – Preliminary (30%) Design Review Meeting**OBJECTIVE:**

- Meet with the City to review and discuss 30% preliminary design, status of design, issues, and current opinion of probable costs based on the preliminary design.

HDR ACTIVITIES:

- Prepare preliminary design documents for review to the City.
- Prepare agenda and conduct preliminary design review meeting.
- Prepare written responses to City's comments and incorporate comments into documents as appropriate.

CITY ACTIVITIES:

- Provide timely review and comments on preliminary design documents. A review period of three (3) days is established for completion of reviews.

DELIVERABLES:

- Four (4) half-sized drawing sets of preliminary design documents and opinion of probable cost.
- Meeting notes.
- Written responses to City's comments.

Task 83 – 95% Review Meeting**OBJECTIVE:**

- Meet with the City to review progress, status of design, and current opinion of costs.

HDR ACTIVITIES:

- Prepare 95% design documents for review to the City.
- Prepare updated opinion of probable construction cost based on 95% design documents.
- Prepare agenda and conduct 95% review meeting
- Prepare written responses to City's comments and incorporate comments into documents as appropriate.

CITY ACTIVITIES:

- Provide timely review and comments on 95% design documents. A review period of three (3) days is established for completion of reviews.

DELIVERABLES:

- Four (4) half-sized drawing sets of 95% design documents and updated opinion of probable costs.
- Meeting Notes.
- Written responses to City's comments.

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- City will provide timely review and processing of monthly invoices
- All meetings to be conducted at Fremont Utilities Offices.
- Affected stakeholders will be invited by the City to participate in the initial design meeting to discuss project goals and design parameters.
- City will provide the information requested at the initial design meeting, including the projected natural gas demands for the project. If requested information is not available, the City will provide it and other information needs identified during the initial design meeting in a timely manner as not to affect the design schedule.
- City will provide timely review and comment on project deliverables within assumed time periods
- City will consolidate all review comments from staff on all document reviews and present one unified document of comments for each set of review documents.

Task 830 –Field Investigations**OBJECTIVE:**

- Perform reconnaissance survey of the proposed natural gas main alignment to identify concerns and issues along the alignment route.
- Identify potential surface and underground conflicts.
- Investigate project site infrastructure for consistency with recorded information and identify any unknown or missing infrastructure information.

HDR ACTIVITIES:

- Schedule and conduct reconnaissance survey with the City.
- Develop preliminary natural gas main alignments on aerial photography.

CITY ACTIVITIES:

- City staff will accompany Engineer during reconnaissance survey.

DELIVERABLES:

- Notes summarizing results of reconnaissance survey with the City.

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- City shall be responsible for providing necessary site access.
- The reconnaissance survey will be conducted as soon after the initial design meeting as possible after gas main alignment have been established for the design.

Task 831 – Topographic Survey**OBJECTIVE:**

- Perform topographic survey of the entire proposed natural gas main alignment and facilities identified. Including those crossings requiring Cased Tunnel Boring or Horizontal Directional Drilling (HDD) Method of installation along the proposed routes.

HDR ACTIVITIES:

- Retain Registered Land Surveyor subconsultant to perform the topographic survey.

CITY ACTIVITIES:

- City will provide rights of property entry at all locations where topographic survey has been identified.

DELIVERABLES:

- Completed surveys in drawing format.

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- City shall be responsible for providing necessary site access to complete surveys.
- Any delays in obtaining right of entry for the survey will require extension of the project schedule.

- HDR or their subconsultant will not be responsible for any property damage resulting from such access.

Task 832 – Geotechnical Investigation

OBJECTIVE:

- Perform additional geotechnical investigations to provide information on subsurface soils at select locations along the proposed natural gas main alignment.

HDR ACTIVITIES:

- Retain subconsultant to perform the geotechnical investigation and coordinate survey of the bore holes.

CITY ACTIVITIES:

- City will provide rights of property entry at all locations where geotechnical investigation has been identified.

DELIVERABLES:

- Geotechnical report summarizing the results and recommendations to be used during project design.

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- City shall be responsible for providing necessary site access required to complete geotechnical test hole drilling.
- Any delays in obtaining right of entry for the geotechnical investigation will require extension of the project schedule.
- HDR or Geotechnical subconsultant will not be responsible for any property damage resulting from such access.
- Boring, soil sampling, laboratory testing, and analysis will be provided.
- Test hole drilling will be completed at the Highway 275 undercrossing, which will include three (3) bore holes and one (1) bore hole at county road crossing along the proposed natural gas main alignment.
- Depth of all bore holes for geotechnical investigation will be 25 feet or less.
- Evaluation of soil and groundwater subsurface conditions along full length of the natural gas pipeline route is not included in this scope of services and fee estimate.

Task 833 – Utility Coordination

OBJECTIVE:

- Coordinate the proposed construction with utilities located within the natural gas pipeline corridor.

HDR ACTIVITIES:

- Identify utilities within the project corridor.
- Request infrastructure information from identified utilities.
- Provide copies of the 30 and 95 percent drawings to affected utilities as required.
- Conduct utility coordination meeting with affected utilities, as required.

DELIVERABLES:

- Meeting notes.

Task Series 840 – Development of Bid Documents

OBJECTIVE:

- Preparation of the plans and specifications for bidding.

HDR ACTIVITIES:

Task 841 – Preliminary (30%) Design Document Development

OBJECTIVE:

- Complete preliminary design analysis and calculations to verify size the natural gas pipeline.
- Develop natural gas main design alignment plan drawings for use in developing project design.

HDR ACTIVITIES:

- Compile background data provided by the City in electronic format as available and hard copy. This background data will include but is not limited to construction drawings of the existing gas main at the proposed connection point at Bud Blvd, and record drawings of existing city owned utilities along the proposed gas main alignment.
- Evaluate the projected natural gas demands for the project site to be used for main sizing.
- Develop basis of design for natural gas main to include:
 - o List of all design conditions and assumptions
 - o Minimum delivery pressure requirements
 - o Maximum allowable operating pressure
 - o Normal operating pressure
 - o Design volumetric flow rate
 - o Line pipe material specification
- Obtain aerial photography to use for the natural gas main alignment and to develop the plan sheets for bidding.
- Develop natural gas main design alignment plan drawings for use in project design.
- Prepare an opinion of probable construction cost based on 30% design documents
- Provide in-house QC review by senior interdisciplinary personnel.

CITY ACTIVITIES:

- Assemble and provide information requested in a timely manner, so as not to affect the project schedule.
- Provide timely review and comments on Preliminary (30%) Design Drawings. A review period of three (3) days is established for completion of reviews.

DELIVERABLES:

- Four (4) reduced scale (11"x17") Preliminary (30%) Design Drawings
- Opinion of Probable Construction Cost

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- The City will verify that connecting the natural gas main at the proposed connection point will not have any detrimental pressure and flow issues in the existing gas system at the proposed average and peak flows to the proposed project site.
- HDR will not be conducting any analysis on the City's existing natural gas system.
- The alignment and design of the project will be predicated on the natural gas main design alignments established at project initial design meeting prior to any easement acquisition. Any redesign required due to issues acquiring easements will have an impact on the overall design schedule necessitating a time extension to the design schedule and fee adjustment.

Task 842 – Pre-Final (95%) Design Document Development

- Prepare final design documents including drawings, and technical specifications for the project.
- Prepare an updated opinion of probable construction cost based on 95% design documents
- Provide in-house QC review by senior interdisciplinary personnel.
- Meet with the City to review progress, status of design, easements/acquisitions, permit requirements/status, and updated opinion of probable construction cost.

Task 842 – Final Bidding Documents

- Update plans and specifications based on 95% review meeting comments.
- Prepare final construction documents including drawings, and technical specifications for the Project.
- Prepare Addendum to incorporate the NG Main into the current completed Fremont Utility Extension project bidding documents.
- Prepare final opinion of probable construction cost.

CITY ACTIVITIES:

- Participate in Review Meetings.
- Provide timely review and comments on Design Reports and other documents. A review period of three (3) days is established for completion of reviews.

DELIVERABLES:

- Four (4) sets of 95% half sized (11"x17") drawings and technical specifications
- Four (4) sets of final bidding half sized (11"x17") drawings, and technical specifications
- Opinion of Probable Construction Cost

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- The natural gas main and facilities work will be bid along with the Fremont Utilities Extension scope of work using the same front end documents and bidding process under Task 330 of original agreement scope of work.
- Any delays or redesign required due to changes in the main route due to easement acquisition or other changes are outside of this scope of services and fee estimate and may require extensions of the project schedule and adjustments to fee.
- Drawing will be developed using AutoCAD Civil3D 2016 and will be based on HDR CAD standards.
- Drawing Scale for natural gas main will be 1" = 100'.
- Full Size Drawings size will be 22"x34".
- Half Size Drawings size will be 11"x17".
- Technical Specifications will be prepared in Construction Specification Institute (CSI) 3-part format 6-digit, 50 division format as modified by HDR and will be based on HDR master specifications
- Bidding Documents and General Conditions for the project will be EJCDC standards as modified by HDR.
- The project will be funded by the City of Fremont without the use of SRF funds or other federal or state grants or loan funds.
- Redesigns associated with City requested modifications of previously approved design development documents are not included in this Scope of Services, and shall be the basis for additional fee and schedule extension.

Task Series 850 –Permits

OBJECTIVE:

- Preparation of permit applications including exhibits for execution and submittal by the City. The required permits will be determined during the 30% document development.

HDR ACTIVITIES:

- Nebraska Department of Roads (total of one highway crossing at Hwy 275 is required)
 - o Nebraska Department of Roads crossing and/or ROW occupancy permit application.
 - o Prepare drawing showing location plan and crossing details
- USACE CWA Section 404 Nationwide Permit
 - o Complete an Agricultural Wetland Delineation along the proposed alignment to determine if there are impacted wetlands.
 - o If impacted wetlands exist along the alignment, prepare and submit documentation to the USACE to amend the existing acquired CWA Section 404 Nationwide Permit.

CITY ACTIVITIES:

- Identify local codes and requirements applicable to the Project.
- Review, sign, and submit all permit applications and pay all associated fees.

DELIVERABLES:

- Completed permit applications for execution and submittal by the City.

KEY UNDERSTANDINGS AND ASSUMPTIONS:

- HDR's efforts are associated only with assistance on permits/approvals of permits specifically identified above.
- Technical analysis and/or modeling as required in support of any required Floodplain Development Permit
- Application is excluded from this Scope of Services. As such, Floodplain Development Permit is not included in the scope of services.
- It is assumed that the preparation of a stormwater Pollution Prevention Plan (SWPPP), required of a NPDES Construction Stormwater Permit, would be performed by the selected construction contractor. As such, the SWPPP is not included in the Scope of Services.
- The City will prepare, submit, and pay all associated fees in connection with required permits.

STAFF REPORT

TO: BOARD OF PUBLIC WORKS

FROM: Troy Schaben, Assistant General Manager Dept. of Utilities

DATE: June 7, 2017

SUBJECT: Engineering Design and Construction Administration of Roadway Water Main

Recommendation: Award contract to E&A Consulting Group for an amount not to exceed \$29,000.

Background: As part of the voluntary annexation of Roadway Subdivision, the City agreed to install water main to all lots within the original SID boundaries. Proposals were taken and the results are summarized in the attached tabulation.

Staff recommends the Board of Public Works award the contract for Engineering Design and Construction Administration of Roadway Water Main to E&A Consulting Group.

Fiscal Impact: \$29,000 (Not to Exceed)

PROPOSALS FOR ENG. DESIGN / CONST. ADMIN ROADWAY WATER MAIN

E&A CONSULTING GROUP		CIVIL SOLUTIONS INC.		DODD ENGINEERING & SURVEYING	
\$29,000.00		\$29,700.00		\$36,970.00	

STAFF REPORT

TO: Board of Public Works
FROM: Dean Kavan, Stores Supervisor
DATE: June 07, 2017
SUBJECT: 15KV Primary Underground Distribution Cable

Recommendation: Approve bid from Kriz-Davis Co. for underground cable

BACKGROUND:

This is for construction of two new circuits to the Costco site.
A specification was created and public bids were requested and received on May 30, 2017

Below is the price for 12,600 feet of 1,000 MCM Underground copper cable from bidders:

<u>Bidder</u>	<u>Brand</u>	<u>Lump sum bid</u>	<u>Lead times</u>
Wesco	Okonite	\$240,660.00	6-8 weeks
Graybar Electric	Superior Essex	\$244,044.19	4 weeks
Dutton-Lainson	Superior Essex	\$254,605.00	4 weeks
Kriz-Davis Co.	Southwire	\$206,463.60	12-13 weeks
Dutton-Lainson	General Cable	\$205,259.00	7 weeks

After review of the bids and consultation with the vendors, Dutton-Lainson with the General Cable bid not meet specifications. Staff requests that the Board of Public Works approve and recommend the City Council authorize staff to issue a contract and purchase order to Kriz-Davis Co. in the amount of \$206,463.60 for the cable.

FISCAL IMPACT:

FY 2016/2017 Capital Budget Expenditure of \$206,463.60

To be forwarded to City Council for approval.

STAFF REPORT

TO: Board of Public Works
Brian Newton, Utilities General Manager
FROM: Jody Sanders, Director of Finance,
DATE: June 7, 2017
SUBJECT: DU Investment report

Recommendation: Receive DU investment activity

Background: The attached document shows the DU investments in certificates of deposits as of April 30, 2017.

Fiscal Impact: None.

Since this report, there has been no further investment activities.

Department of Utilities Investments

For Month ended 4/30/17

Year End 9/30/2017

	BANK	TYPE	CD #	DATE INVESTED	DUE DATE	RATE %	Investment	Dept	Ledger	For Bond
1	NebraskaLand Nat'l Bank	CD	29525	7/6/2015	7/6/2017	0.0090	1,000,000.00	Electric	051-0000-127.27-02	General
5	Pinnacle Fremont	CD	7200009618	8/10/2015	8/10/2017	0.0095	175,000.00	Water	053-0000-126.00-00	Debt Service CD
	First National Bank	CD	70048501926	9/19/2016	9/19/2017	0.0105	1,000,000.00	Electric	051-0000-127.27-02	General
	First National Bank	CD	70048502226	9/19/2016	9/19/2017	0.0105	500,000.00	Gas	057-0000-127.27-02	General
	Nebraskaland National bank	CD	29780	9/21/2015	9/21/2017	0.0101	250,000.00	Electric	051-0000-123.00-00	Restricted Trust Fossil
29	NebraskaLand National Bank	CD	29779	9/21/2015	9/21/2017	0.0101	846,000.00	Electric	051-0000-126.00-00	Debt Service CD
	Pinnacle Fremont	CD	7200009721	10/13/2016	10/13/2017	0.0110	500,000.00	Sewer	055-0000-127.27-02	General
28	Pinnacle Fremont	CD	7200009740	11/29/2016	11/29/2017	0.0107	1,000,000.00	Electric	051-0000-127.27-02	General
	Pinnacle Fremont	CD	7200009743	12/7/2016	12/7/2017	0.0111	1,000,000.00	Gas	057-0000-127.27-02	General
19	Pinnacle Fremont	CD	7200009752	12/16/2016	12/16/2017	0.0124	500,000.00	Gas	057-0000-127.27-02	General
45	Pinnacle Fremont	CD	720000754	12/16/2016	12/16/2017	0.0124	1,250,000.00	Electric	051-0000-127.27-02	General
46	Pinnacle Fremont	CD	7200009755	12/16/2016	12/16/2017	0.0124	2,000,000.00	Sewer	055-0000-127.27-02	General
47	First State Bank	CD	1019960974	3/2/2017	3/1/2018	0.0125	1,000,000.00	Electric	051-0000-127.27-02	General
10	Pinnacle Fremont	CD	7200009664	3/13/2016	3/13/2018	0.0111	200,000.00	Water	053-0000-126.00-00	Debt Service CD
11	Pinnacle Fremont	CD	7200009665	3/13/2016	3/13/2018	0.0111	1,750,000.00	Electric	051-0000-126.00-00	Debt Service CD
26	Pinnacle Fremont	CD	7200009792	3/16/2017	3/16/2018	0.0121	1,250,000.00	Electric	051-0000-127.27-02	General
43	Pinnacle Fremont	CD	7200009793	3/16/2017	3/16/2018	0.0121	2,000,000.00	Sewer	055-0000-127.27-02	General
21	Pinnacle Fremont	CD	7200009666	3/16/2016	3/16/2018	0.0111	750,000.00	Electric	051-0000-126.00-00	Debt Service CD
9	Cornerstone	CD	79292	3/24/2017	3/24/2018	0.0121	1,500,000.00	Electric	051-0000-127.27-02	General
	Cornerstone	CD	79294	3/24/2017	3/24/2018	0.0121	500,000.00	Water	053-0000-126.00-00	Debt Service CD
14	Cornerstone	CD	79296	3/24/2017	3/24/2018	0.0121	500,000.00	Gas	057-0000-127.27-02	General
17	Cornerstone	CD	79297	3/24/2017	3/24/2018	0.0121	250,000.00	Sewer	055-0000-126.00-00	Debt Service
13	Pinnacle Fremont	CD	7200009808	4/6/2017	4/6/2018	0.0122	1,000,000.00	Electric	051-0000-127.27-02	General
37	Pinnacle Fremont	CD	7200009807	4/6/2017	4/6/2018	0.0122	1,250,000.00	Gas	057-0000-127.27-02	General
38	Pinnacle Fremont	CD	7200009806	4/6/2017	4/6/2018	0.0122	1,250,000.00	Sewer	055-0000-127.27-02	General
15	Pinnacle Fremont	CD	7200009809	4/7/2017	4/7/2018	0.0122	1,500,000.00	Electric	051-0000-127.27-02	General
2	First National Bank Fremont	CD	7164222	8/15/2016	8/15/2018	0.0121	250,000.00	Electric	051-0000-121.00-00	Insurance Reserve
3	First National Bank Fremont	CD	7164223	8/15/2016	8/15/2018	0.0121	250,000.00	Electric	051-0000-123.00-00	Restricted Trust Fossil
4	First National Bank Fremont	CD	7164224	8/15/2016	8/15/2018	0.0121	250,000.00	Electric	051-0000-126.00-00	Debt Service CD
7	First State Bank	CD	11935 65568	8/26/2016	8/26/2018	0.0129	300,000.00	Electric	051-0000-126.00-00	Debt Service CD
8	First State Bank	CD	11935 65567	8/26/2016	8/26/2018	0.0129	300,000.00	Electric	051-0000-126.00-00	Debt Service CD
27	First State Bank	CD	11935 65569	8/26/2016	8/26/2018	0.0129	2,000,000.00	Electric	051-0000-126.00-00	Debt Service CD
20	Pinnacle Fremont	CD	7200009722	10/13/2016	10/13/2018	0.0138	500,000.00	Electric	051-0000-127.27-02	General
39	Pinnacle Fremont	CD	7200009720	10/13/2016	10/13/2018	0.0138	1,500,000.00	Electric	051-0000-126.00-00	Debt Service CD

30,071,000.00

Investments by Bank

Pinnacle Fremont	19,375,000.00
First National Bank	2,250,000.00
First State Bank	3,600,000.00
Cornerstone	2,750,000.00
Nebraskaland Nat'l Bank	2,096,000.00
	<u>30,071,000.00</u>