CITY OF WEST DES MOINES
CITY COUNCIL COMMUNICATION

DATE: July 24, 2017

ITEM:

Resolution – Approving Proposal from MidAmerican Energy Company for Electric Service Extension
Alluvion Water Booster Station

FINANCIAL IMPACT:

The cost of this work is estimated to be $39,931.24 for the electric service extension to serve the proposed Alluvion Water Booster Station. The actual costs may vary from estimates and will be determined at the time of construction. These improvements can be paid from account no. 500.000.000.5250.490.

BACKGROUND:

The City will be constructing the Alluvion Water Booster Station this Fall or next Spring near the intersection of Veterans Parkway and SE Army Post Road to accommodate the Microsoft Alluvion project. The extension of electric service by MidAmerican Energy is needed in conjunction with this project.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution Approving Proposal from MidAmerican Energy Company for Electric Service Extension

Lead Staff Member: Brian J. Hemesath, P.E., Interim City Engineer BJH

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., Interim City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard J. Scieszinski, City Attorney
Agenda Acceptance	RTJ

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	July 17, 2017		
Recommendation	**Yes**	No	Split

S:\PWENGR\51015\027 Alluvion Water Booster Station\Pinkies\Mid American Agreement 07-24-17.doc

RESOLUTION APPROVING PROPOSAL

WHEREAS, the City Council of the City of West Des Moines has heretofore directed the extension of electric service for the following described public improvement:

Alluvion Water Booster Station
Project No. 0510-027-2015

WHEREAS, a proposal has been received from MidAmerican Energy Company, a franchised utility, to perform said work; and,

WHEREAS, the estimated costs for said work is $39,931.24;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the proposal from MidAmerican Energy Company be accepted and approved.

PASSED AND APPROVED on this **24th** day of **July, 2017.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

MidAmerican Energy
10510 Douglas Ave,
Urbandale, IA 50322

7/18/2017

City of West Des Moines
Attn: Jason Schlickbernd
4200 Mills Civic Parkway, 2E
West Des Moines, Iowa 50265

Reference: Electric service to serve the Alluvion Water Booster Station

Dear Mr. Schlickbernd:

We are pleased to submit two (2) copies of the Refundable Advance for Construction Underground Electric Service Extension Proposal for Speculative Use for the above project. This proposal is valid for 90 days and if MidAmerican Energy construction has not commenced within 12 months it may be voided.

Please sign and return all two (2) copies of the proposal as soon as you are ready to commit to the work. You may withhold payment until 30 days before MidAmerican Energy Company is ready to start the work. In the meantime, please keep me informed of your schedule. After we have received your payment, we will sign and return a copy of the proposal for your records.

If you have any questions, please call me at (515) 252-6565.

Sincerely,
MidAmerican Energy Company

Michael Younts
Customer Technician

Enclosures

MIDAMERICAN ENERGY COMPANY

REFUNDABLE ADVANCE FOR CONSTRUCTION
UNDERGROUND ELECTRIC SERVICE EXTENSION PROPOSAL
FOR SPECULATIVE USE

MidAmerican Energy Company, an Iowa corporation and the City of West Des Moines ("Applicant"), agree as follows:

1. MidAmerican Energy Company will extend its electric lines overhead/underground to serve the Alluvion Water Booster Station at as shown on the attached drawings.

2. MidAmerican Energy Company will furnish the necessary labor and materials required to fulfill its undertaking, as specified above, and will commence such work as soon as reasonable and practicable after the execution of this Proposal and receipt of Applicant's cash deposit indicated below, and will prosecute such work to completion with reasonable diligence.

3. In consideration of the receipt of a payment in the amount of $39,931.24 which is a refundable Advance for Construction, MidAmerican Energy Company agrees to construct necessary electric facilities as set forth above. Please submit payment with Applicant's signed acceptance of this Proposal. If MidAmerican Energy Company is caused by Applicant to work during the winter construction season, Applicant agrees to pay in cash an additional sum of $4.84 per trench foot as a refundable Advance for Construction for all required trenching.

4. The Advance for Construction shall be subject to refund by MidAmerican Energy Company to Applicant based upon the following terms and conditions:

    a. Advances shall not accrue interest and shall be subject to refund from the date of original advance payment. This will span a six-year period at the rate of fifty percent (50%) of the annual metered electric service bill of the above Applicant.

    b. If additional customers are connected to the above described line extension, the above Applicant shall receive refunds equal to three times estimated base revenue for each additional new customer to the extent the base revenue exceeds the additional distribution construction costs incurred by MidAmerican Energy Company. Base revenue shall be estimated annual kilowatt hours based on similarly situated customers, less the cost of fuel.

c. Refunds shall be made on the anniversary date of the original advance payment or sooner at the option of MidAmerican Energy Company.

d. Revenue for un-metered private lighting shall not be included in any refund.

e. No refunds shall be made for revenue received after six (6) years from the date of the original advance payment.

f. Never shall the total of refunds exceed the refundable portion of the payment stated above.

g. No refunds shall be made for customers served from a further extension of the above described electric line extension.

5. Except as may hereinafter be provided, MidAmerican Energy Company shall:

a. Not tamp the backfill. Applicant agrees to indemnify and hold MidAmerican Energy Company harmless from any and all damages that may result from the non-tamping of backfill operations conducted by MidAmerican Energy Company. In case any action is brought against MidAmerican Energy Company, or any of its agents or employees, relative to such backfill operations, the Applicant shall assume full responsibility for the defense thereof. Upon failure to do so on proper notice, MidAmerican Energy Company reserves the right to defend such action and charge all costs to the Applicant provided, however, that nothing herein shall be construed as an assumption of liability by the Applicant for damages and claims attributable to MidAmerican Energy Company negligence.

6. Applicant shall provide, without cost to MidAmerican Energy Company, such easements as are necessary and incidental to such installation and use of MidAmerican Energy's facilities on private property within the area served. If a 3rd party easement is required any cost associated in obtaining the easement will be paid by the applicant.

7. Be responsible for complying with all aspects of compliance as required by any local, state, or federal permit or plan associated with storm water pollution prevention or erosion control. It is specifically understood and agreed that MidAmerican Energy Company is providing the service requested by the Applicant solely for the Applicant. MidAmerican Energy Company will not become or agree to become a co-permittee or operator for the purpose of applicants' compliance with any local, state or federal permit or plan associated with storm water pollution prevention or erosion control.

8. Applicant shall be responsible for locating and marking all privately owned systems such as water services, culverts, irrigation systems, drain pipes, septic lines, and underground wiring before MidAmerican Energy Company's construction.

9. It is specifically understood and agreed that any distribution systems, or other facilities constructed or installed by MidAmerican Energy Company under terms of this Proposal shall remain the sole property of MidAmerican Energy Company and MidAmerican Energy Company shall determine, as its own judgment indicates, the manner and method of utilization thereof and to extend the same or connect other facilities there to and serve other customers there from as it shall see fit, subject only to such obligations as MidAmerican Energy Company shall have assumed in this Proposal; and no other person shall have any right, title, interest or claim, in or to the said distribution system or other facilities by virtue of any provision of this Proposal.

10. Applicant shall furnish, install, own and maintain all 4-inch ducts as shown on attached prints. All ducts shall be black w/red stripe or grey in color, PVC type schedule 40 or schedule 40 HDPE coil-able. Applicant shall install ducts a minimum of forty-two (42) inches and a maximum of forty-eight (48) inches below finish grade with capped and staked ends and equipped with pull wires. MidAmerican Energy Company will provide marker balls for the duct ends. These are available at MidAmerican Energy Company's storeroom. Applicant is responsible for correct placement and depth of conduit. **Note: No more than ten (10) conduits allowed within the secondary compartment of the transformer pad.**

Proposed this Twenty-Eight day of June, 2017

MIDAMERICAN ENERGY COMPANY

By: _____

Title: _____

Accepted this _____ day of _____, 2017

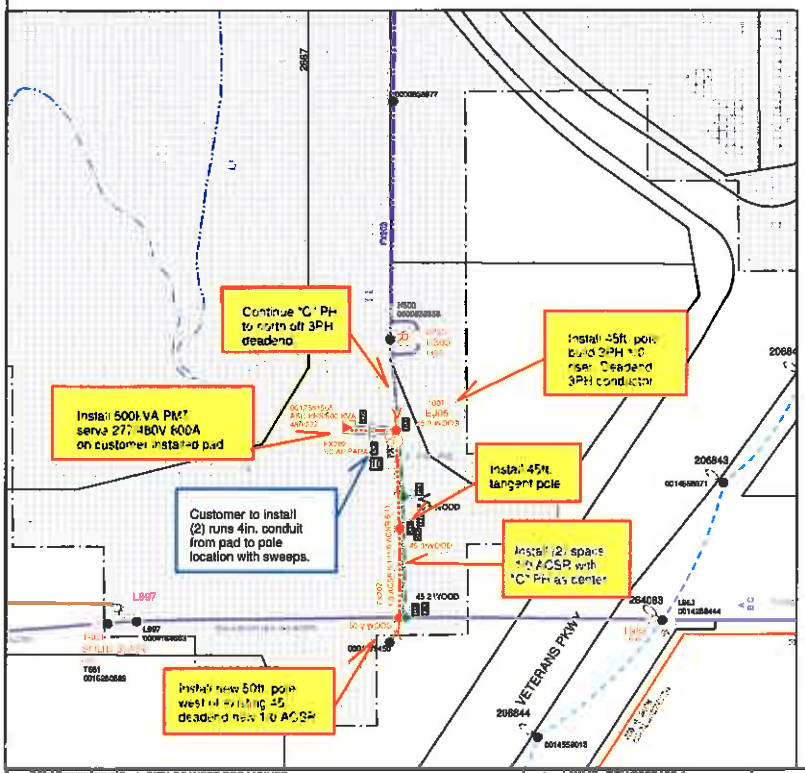
APPLICANT:

By: _____

Title: _____

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com

LEGEND	
GRAPHIC	DESCRIPTION
	EXISTING OVERHEAD 1-PHASE CONDUCTOR
	EXISTING OVERHEAD 2-PHASE CONDUCTOR
	EXISTING OVERHEAD 3-PHASE CONDUCTOR
	EXISTING OVERHEAD FEEDER
	EXISTING OVERHEAD TRANSMISSION
	EXISTING UNDERGROUND 1-PHASE CABLE
	EXISTING UNDERGROUND 2-PHASE CABLE
	EXISTING UNDERGROUND 3-PHASE CABLE
	EXISTING UNDERGROUND FEEDER
	EXISTING OVERHEAD SECONDARY CONDUCTOR
	EXISTING OVERHEAD STREETLIGHT CONDUCTOR
	EXISTING UNDERGROUND SECONDARY CABLE
	EXISTING UNDERGROUND STREETLIGHT CABLE
	EXISTING CUSTOMER OWNED SECONDARY
	EXISTING OVERHEAD TRANSFORMER
	EXISTING OVERHEAD TRANSFORMER BANK
	EXISTING OVERHEAD FUSE
	EXISTING OVERHEAD SWITCH
	EXISTING OVERHEAD CAPACITOR BANK
	EXISTING VOLTAGE REGULATOR
	EXISTING RECLOSER
	EXISTING OVERHEAD FAULT INDICATOR
	EXISTING 1-PHASE PADMOUNT TRANSFORMER
	EXISTING 3-PHASE PADMOUNT TRANSFORMER
	EXISTING 4-BAY SWITCHGEAR
	EXISTING 5-BAY SWITCHGEAR
	EXISTING FUSED ENCLOSURE
	EXISTING PRIMARY ENCLOSURE
	EXISTING PAD MOUNT CAPACITOR BANK
	EXISTING SECONDARY PEDESTAL
	EXISTING SECONDARY HANDHOLE
	EXISTING MEC TRANSMISSION POLE
	EXISTING MEC DISTRIBUTION POLE
	CUSTOMER OWNED POLE
	EXISTING DOWN-GUY
	EXISTING STREETLIGHT
	EXISTING SECURITY LIGHT
	EXISTING FLOOD LIGHT
	EXISTING PRIMARY RISER
	EXISTING PRIMARY SPLICE
	EASEMENT
	CUSTOMER INSTALLED DUCT
INSTALLS	INSTALLATIONS ARE DISPLAYED IN RED
REMOVALS	REMOVALS ARE DISPLAYED IN GREEN



CUSTOMER SHALL PROVIDE THE FOLLOWING

- X 911 ADDRESSES
- X STAKED LOT CORNERS & SIDELOT MID-POINTS
- X TRANSFORMER PAD(S) - REFER TO ELECTRIC SERVICE MANUAL
- X FINAL GRADE PRIOR TO CONSTRUCTION
- X CLEARING AND GRUBBING IN EASEMENT AND/OR ROW
- X UNOBSTRUCTED PATH FOR CONSTRUCTION EQUIPMENT
- X 10' LEVEL AND CLEAR AREA IN FRONT OF MEC EQUIPMENT DOORS
- X SERVICE CABLES ON COMMERCIAL & APARTMENT BUILDINGS
- X TRANSFORMER FIRE BARRIER WALL IF REQUIRED BY AUTHORITIES
- X ASSESSMENT & IMPLEMENTATION OF SPILL PREVENTION CONTROL & COUNTERMEASURE (SPCC) & OIL CONTAINMENT PLANS SEE APPENDIX B-1, PAGE 88 IN 2014 ELECTRIC SERVICE MANUAL

CUSTOMER CONDUIT INSTALLATION

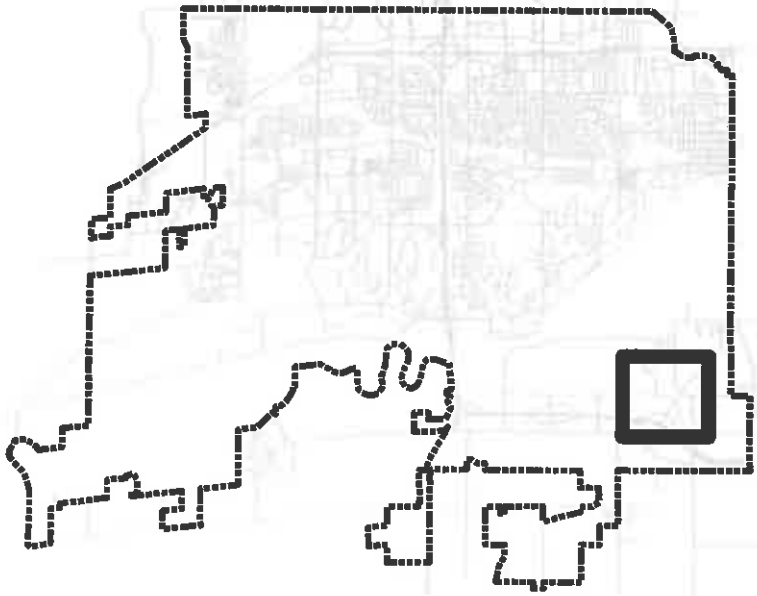
- X CONDUIT SHALL BE SCH 40 RIGID PVC PER NEMA TC-2 OR SCH 40 HDPE COILABLE CONDUIT IN GRAY OR BLACK W/ RED STRIPE
- X ALL SWEEPS 4" OR LESS IN DIAMETER SHALL BE STANDARD WALL FIBERGLASS PER NEMA TC14A W/ FACTORY ASSEMBLED PLASTIC COUPLINGS ON EA. END TO MATE PVC OR HDPE SCH 40 CONDUIT
- X ALL SWEEPS GREATER THAN 4" IN DIAMETER SHALL BE METAL WITH GROUND LUGS AND MUST BE BONDED WHERE EXPOSED
- X ALL 90° SWEEPS MUST HAVE A MINIMUM 48" BEND RADIUS
- X ENDS SHALL BE STUBBED ABOVE GRADE W/ PULL TAPE VISIBLE
- X ALL PRIMARY CONDUIT SHALL HAVE A MINIMUM COVER DEPTH OF 42" AND MAXIMUM DEPTH OF 48"
- X ALL SECONDARY CONDUIT SHALL HAVE A MINIMUM COVER DEPTH OF 30" AND A MAXIMUM DEPTH OF 36"
- X NO CONDUIT SYSTEM SHALL HAVE MORE THAN 270° IN ONE PULL
- X CUSTOMER INSTALL SYNTHETIC 1/4" 200LB TEST PULL LINE IN DUCT

FIND ELECTRIC SERVICE MANUAL AT:
http://www.midamericanenergy.com/content/pdf/elec_srv_manual.pdf

MidAmerican Energy
Cust: CITY OF WEST DES MOINES
Addr: Army Post
Crew HQ:DMWR
City: WEST DES MOINES
X = 1580826 Y = 556349
WMS_REV20822488-1
Date: 8/7/2017
Scale: 1 IN = 100FT
Designer:STENDER,JACOB R
Job Desc:West Des Moines would like a proposal to feed a 480v/277v, 600A, 3 PH service to the Alluvion Booster Station. See attached drawings (red paper clip).

DISCLAIMER OF LIABILITY
NOTE: The drawing reflects facilities in place at the time of its preparation and is subject to change at any time. For current facility information, please contact MidAmerican Energy Company. Further, MidAmerican Energy Company disclaims all liability and responsibility for all claims and damages including but not limited to, personal injury, death and property damage, resulting from any authorized or unauthorized use of, or reliance upon, this drawing for any purpose.

VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:	**Alluvion Water Booster Station**
LOCATION:	**Veteran's Parkway & SE Army Post Road**

DRAWN BY: JDR	DATE: 07/11/2017	PROJECT NUMBER : 0510-027-2015 SUBDIVISION NAME:	SHT. 1 of 1