CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: **September 3, 2019**

ITEM:

Resolution - Approving Professional Services Agreement
Gas Detection System Upgrades – Various Facilities

FINANCIAL IMPACT:

The cost of the Professional Services Agreement associated with the design of this project is anticipated not to exceed $10,700.00 for Basic Services. In addition, the cost for performing Resident Consultant Services will not exceed $4,700.00. Should the cost for the professional services be projected to exceed the amounts set forth in the contract, staff would not authorize such expenditures without further approval by the City Council. All work will be billed on an hourly basis using the established hourly fee structure as set forth in the contract. All costs for these services can be paid from account no. 500.000.000.5250.495 with the ultimate funding intended to come from General Funds with contribution from the City of Clive on Public Safety Station No. 22.

BACKGROUND:

Approval of this action authorizes Resource Consulting Engineers, LLC to perform the professional services necessary for improvements to the existing gas detection systems at Public Safety Station Nos. 17, 18, 19, 21 & 22 and the existing Public Services Facility. Gas detection systems primarily monitor carbon monoxide and nitrogen dioxide in areas of these buildings that can be occupied by vehicles.

The Engineering Services Department retains professional consultants based on their past work experience, qualifications of their staff, familiarity with the project, manpower availability, and past performance. Once a firm has been selected based on the above criteria, City staff then negotiates a fee with the consultant for performing the desired scope of services. City staff attempts, whenever feasible, to distribute professional services work on an equitable basis to qualified firms maintaining local metropolitan area offices who have expressed interest in working for the City of West Des Moines.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution Approving Professional Services Agreement for Gas Detection System Upgrades – Various Facilities .

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

STAFF REVIEWS

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

PUBLICATION(S) (if applicable)

Published In	
Dates(s) Published	

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	August 26, 2019		
Recommendation	Yes	No	Split

RESOLUTION APPROVING PROFESSIONAL SERVICES AGREEMENT

WHEREAS, funding is available for the following described public project:

Gas Detection System Upgrades – Various Facilities
Project No. 0510-016-2019

and,

WHEREAS, said project Plans, Specifications, Form of Contract, and Estimate of Cost need to be prepared; and,

WHEREAS, Engineering Services Department staff have recommended Plans, Specifications, Form of Contract, and Estimate of Cost be prepared by Resource Consulting Engineers, LLC; and,

WHEREAS, the Engineering Services Department has obtained a written proposal from Resource Consulting Engineers, LLC to do the work requested, which estimates the following cost to the City of West Des Moines;

Basic Services of the Consultant	**$10,700.00**
Resident Consultant Services	**$ 4,700.00**
Total	**$15,400.00**

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that Resource Consulting Engineers, LLC is hereby directed to prepare Plans, Specifications, Form of Contract, and Estimate of Cost for the above named project.

BE IT FURTHER RESOLVED, that the City Clerk is authorized and directed to enter into an agreement with Resource Consulting Engineers, LLC for the cost indicated above as payment by the City of West Des Moines for the services indicated.

PASSED AND APPROVED on this **3rd** day of **September, 2019.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

This Agreement is made and entered into this 3rd day of September, 2019, by and between the CITY OF WEST DES MOINES, a municipal corporation, hereinafter referred to as "City", and Resource Consulting Engineers, LLC, (Fed. I.D. # 45-5150146), a professional corporation incorporated and licensed under the laws of the State of Iowa, party of the second part, hereinafter referred to as "Consultant" as follows:

THE CITY HEREBY AGREES TO RETAIN THE CONSULTANT FOR THE PROJECT AS DESCRIBED IN THIS AGREEMENT AND CONSULTANT AGREES TO PERFORM THE PROFESSIONAL SERVICES AND FURNISH THE NECESSARY DOCUMENTATION FOR THE PROJECT AS GENERALLY DESCRIBED IN THIS AGREEMENT.

1. SCOPE OF SERVICES

   Services provided under this Agreement for the Gas Detection System Upgrades – Various Facilities (Project No. 0510-016-2019) shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

   The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

   A. In consideration of the professional services provided herein, the City agrees to pay the Consultant the following sum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Consultant	$10,700.00
II. Resident Consultant Services	$4,700.00
Total	$15,400

   B. The Consultant shall invoice the City monthly for services, any reimbursable expenses and any approved amendments to this Agreement, based upon services actually completed at the time of the invoice. Final payment shall be due and payable within 30 days of the City's acceptance of Consultant's submission of final deliverables in accordance with the Scope of Services.

   C. In consideration of the compensation paid to the Consultant, the Consultant agrees to perform all professional services to the satisfaction of the City by performing the professional services in a manner consistent with that degree of care and skill ordinarily exercised by members of Consultant's profession currently practicing under similar circumstances. If the performance of this Agreement involves the services of others or the furnishing of equipment, supplies, or materials, the Consultant agrees to pay for the same in full.

4. INSURANCE

   A. Consultant understands and agrees that Consultant shall have no right of coverage under any and all existing or future City comprehensive, self or personal injury policies. Consultant shall provide insurance coverage for and on behalf of Consultant that will sufficiently protect Consultant or Consultant' representative(s) in connection with the professional services which are to be

provided by Consultant pursuant to this Agreement, including protection from claims for bodily injury, death, property damage, and lost income. Consultant shall provide worker's compensation insurance coverage for Consultant and all Consultant's personnel. Consultant shall file applicable insurance certificates with the City, and shall also provide evidence of the following additional coverage.

B. The Consultant shall provide evidence of comprehensive general liability coverage and contractual liability insurance by an insurance company licensed to do business in the State of Iowa in the limits of at least $1,000,000 each personal injury accident and/or death; $1,000,000 general aggregate personal injury and/or death; and $1,000,000 for each property damage accident. The evidence shall designate the City as an additional insured, and that it cannot be canceled or materially altered without giving the City at least thirty (30) days written notice by registered mail, return receipt requested.

C. The Consultant shall also provide evidence of automobile liability coverage in the limits of at least $1,000,000 bodily injury and property damage combined. The evidence shall designate the City as an additional insured, and that it cannot be cancelled or materially altered without giving the City at least thirty (30) days written notice by registered mail, return receipt requested.

D. The Consultant shall provide evidence of professional liability insurance, by an insurance company licensed to do business in the State of Iowa, in the limit of $1,000,000 for claims arising out of the professional liability of the Consultant. Consultant shall provide City written notice within five (5) days by registered mail, return receipt requested of the cancellation or material alteration of the professional liability policy.

E. Failure of Consultant to maintain any of the insurance coverages set forth above shall constitute a material breach of this Agreement.

5. NOTICE

Any notice to the parties required under this agreement shall be in writing, delivered to the person designated below, by United States mail or in hand delivery, at the indicated address unless otherwise designated in writing.

FOR THE CITY:

Name: City of West Des Moines
Attn: Ryan T. Jacobson, City Clerk
Address: 4200 Mills Civic Parkway
City, State: West Des Moines, IA 50265-0320

FOR THE CONSULTANT:

Name: Resource Consulting Engineers, LLC
Attn: Corey B. Metzger, PE
Address: 301 Alexander Avenue, Suite C
City, State: Ames, IA 50010

6. GENERAL COMPLIANCE

In the conduct of the professional services contemplated hereunder, the Consultant shall comply with applicable state, federal, and local law, rules, and regulations, technical standards, or specifications issued by the City. Consultant must qualify for and obtain any required licenses prior to commencement of work, including any professional licenses necessary to perform work within the State of Iowa.

7. STANDARD OF CARE

Services provided by the Consultant under this Agreement shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

8. INDEPENDENT CONTRACTOR

Consultant understands and agrees that the Consultant and Consultant's employees and representatives are not City employees. Consultant shall be solely responsible for payment of salaries, wages, payroll taxes, unemployment benefits, or any other form of compensation or benefit to Consultant or Consultant's employees, representatives or other personnel performing the professional services specified herein, whether it be of a direct or indirect nature. Further, it is expressly understood and agreed that for such purposes neither Consultant nor Consultant's employees, representatives or other personnel shall be entitled to any City payroll, insurance, unemployment, worker's compensation, retirement, or any other benefits whatsoever.

9. NON-DISCRIMINATION

Consultant will not discriminate against any employee of applicant for employment because of age, color, creed, disability, gender identity, national origin, race, religion, sex, sexual orientation, or veteran status. Consultant will, where appropriate or required, take affirmative action to ensure that applicants are employed, and that employees are treated, during employment, without regard to their age, color, creed, disability, gender identity, national origin, race, religion, sex, sexual orientation, or veteran status. Consultant will cooperate with the City in using Consultant's best efforts to ensure that Disadvantaged Business Enterprises are afforded the maximum opportunity to compete for subcontracts of work under this Agreement.

10. HOLD HARMLESS

Consultant agrees to indemnify and hold harmless the City, its officers, agents, and employees from any and all claims, settlements and judgments, to include all reasonable investigative fees, attorney's fees, and court costs for any damage or loss which is due to or arises from a breach of this Agreement, or from negligent acts, errors or omissions in the performance of professional services under this Agreement and those of its sub consultants or anyone for whom Consultant is legally liable.

11. ASSIGNMENT

Consultant shall not assign or otherwise transfer this Agreement or any right or obligations therein without first receiving prior written consent of the City.

12. APPROPRIATION OF FUNDS

The funds appropriated for this Agreement are equal to or exceed the compensation to be paid to Consultant. The City's continuing obligations under this Agreement may be subject to appropriation of funding by the City Council. In the event that sufficient funding is not appropriated in whole or in part for continued performance of the City's obligations under this Agreement, or if appropriated funding is not expended due to City spending limitations, the City may terminate this Agreement without further compensation to the Consultant. To the greatest extent allowed by law, the City shall compensate Consultant as provided in Section 18(B) of this Agreement.

13. AUTHORIZED AMENDMENTS TO AGREEMENT

A. The Consultant and the City acknowledge and agree that no amendment to this Agreement or other form, order or directive may be issued by the City which requires additional compensable work to be performed if such work causes the aggregate amount payable under the amendment, order or directive to exceed the amount appropriated for this Agreement as listed in Section 3, above, unless the Consultant has been given a written assurance by the City that lawful appropriation to cover the costs of the additional work has been made.

B. The Consultant and the City further acknowledge and agree that no amendment to this Agreement or other form, order or directive which requires additional compensable work to be performed under this Agreement shall be issued by the City unless funds are available to pay such additional costs, and the Consultant shall not be entitled to any additional compensation for

any additional compensable work performed under this Agreement. The Consultant expressly waives any right to additional compensation, whether in law or equity, unless prior to commencing the additional work the Consultant was given a written amendment, order or directive describing the additional compensable work to be performed and setting forth the amount of compensation to be paid, such amendment, order or directive to be signed by the authorized City representative. It is the Consultant's sole responsibility to know, determine, and ascertain the authority of the City representative signing any amendment, directive or order.

14. OWNERSHIP OF CONSULTING DOCUMENTS

All sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall become the property of the City; a reproducible set shall be delivered to the City at no additional cost to the City upon completion of the plans or termination of the services of the Consultant. All drawings and data shall be transmitted in a durable material, with electronic files provided when feasible to do so. The Consultant's liability for use of the sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall be limited to the Project.

15. INTERPRETATION

No amendment or modification of this Agreement shall be valid unless expressed in writing and executed by the parties hereto in the same manner as the execution of the Agreement. This is a completely integrated Agreement and contains the entire agreement of the parties; any prior written or oral agreements shall be of no force or effect and shall not be binding upon either party. The laws of the State of Iowa shall govern and any judicial action under the terms of this Agreement shall be exclusively within the jurisdiction of the district court for Polk County, Iowa.

16. COMPLIANCE WITH FEDERAL LAW

To the extent any federal appropriation has or will be provided for the Project, or any federal requirement is imposed on the Project, Consultant agrees that Consultant will comply with all relevant laws, rules and regulations imposed on City and/or Consultant necessary for receipt of the federal appropriation. Consultant shall provide appropriate certification regarding Consultant's compliance.

17. SOLICITATION AND PERFORMANCE

A. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Consultant, to solicit or secure this Agreement, and that the Consultant has not paid or agreed to pay any company or person other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or contingent fee.

B. The Consultant shall not engage the services of any person or persons in the employ of the City at the time of commencing such services without the written consent of the City.

18. SUSPENSION AND TERMINATION OF AGREEMENT

A. The right is reserved by the City to suspend this Agreement at any time. Such suspension may be effected by the City giving written notice to the Consultant, and shall be effective as of the date established in the suspension notice. Payment for Consultant's services shall be made by the City for services performed to the date established in the suspension notice. Should the City reinstate the work after notice of suspension, such reinstatement may be accomplished by thirty (30) days written notice within a period of six (6) months after such suspension, unless this period is extended by written consent of the Consultant.

B. Upon ten (10) days written notice to the Consultant, the City may terminate the Agreement at any time if it is found that reasons beyond the control of either the City or Consultant make it impossible or against the City's interest to complete the Agreement. In such case, the Consultant

shall have no claims against the City except for the value of the work performed up to the date the Agreement is terminated.

C. The City may also terminate this Agreement at any time if it is found that the Consultant has violated any material term or condition of this Agreement or that Consultant has failed to maintain workers' compensation insurance or other insurance provided for in this Agreement. In the event of such default by the Consultant, the City may give ten (10) days written notice to the Consultant of the City's intent to terminate the Agreement. Consultant shall have ten (10) days from notification to remedy the conditions constituting the default.

D. In the event that this Agreement is terminated in accordance with paragraph C of this section, the City may take possession of any work and may complete any work by whatever means the City may select. The cost of completing said work shall be deducted from the balance which would have been due to the Consultant had the Agreement not been terminated and work completed in accordance with contract documents.

E. The Consultant may terminate this Agreement if it is found that the City has violated any material term or condition of this Agreement. In the event of such default by the City, the Consultant shall give ten (10) days written notice to the City of the Consultant's intent to terminate the Agreement. City shall have ten (10) days from notification to remedy the conditions constituting the default.

19. TAXES

The Consultant shall pay all sales and use taxes required to be paid to the State of Iowa on the work covered by this Agreement. The Consultant shall execute and deliver and shall cause any sub-consultant or subcontractor to execute and deliver to the City certificates as required to permit the City to make application for refunds of said sales and use taxes as applicable. The City is a municipal corporation and not subject to state and local tax, use tax, or federal excise taxes.

20. SEVERABILITY

If any portion of this Agreement is held invalid or unenforceable by a court of competent jurisdiction, the remaining portions of this Agreement shall continue in full force and effect.

21. MISCELLANEOUS HEADINGS

Title to articles, paragraphs, and subparagraphs are for information purposes only and shall not be considered a substantive part of this Agreement.

22. FURTHER ASSURANCES

Each party hereby agrees to execute and deliver such additional instruments and documents and to take all such other action as the other party may reasonably request from time to time in order to effect the provisions and purposes of this Agreement.

23. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which shall constitute an original document, no other counterpart needing to be produced, and all of which when taken together shall constitute the same instrument.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers or agents on the day and year first above written.

RESOURCE CONSULTING ENGINEERS, LLC

BY: _____
Corey B. Metzger, Principal

CITY OF WEST DES MOINES

BY: _____
Ryan T. Jacobson, City Clerk

ATTACHMENT 1

SCOPE OF SERVICES

Provide Engineering Design and Construction Administration Services for the Gas Detection System Upgrades Project to improve operating capabilities in five public safety station apparatus bays (Stations 17, 18, 19, 21, and 22) and the existing Public Services Facility in West Des Moines.

Based on the information you shared by email on July 12, 2019, it is understood that the intent of this project is:

- Verification of existing system components, layout, and operating capabilities for each facility (for Stations 17, 18, 21, and 22 – a separate proposal is being provided for heating and ventilation upgrades for Station 19)
- Development of base drawings for each facility for which they are not currently available (Stations 19 and 22 and Public Services Building) – backgrounds will be limited to areas of work, and will be limited in level of detail to indicate only necessary building components
- Design of gas detection system components (carbon monoxide and nitrogen dioxide) and configuration for each apparatus bay
- Design of integration of gas detection system with existing control system for each apparatus bay
- Preparation of bidding documents for project that solicits multiple quotes
- Construction Administration services during construction phase of project

Services to be provided:

- Mechanical and Electrical Engineering Design Phase Services (included in Basic Services of the Consultant below), including:
    - Review of existing space mechanical systems, including layout, capacities, control configuration, etc., to verify necessary coverage for new gas detection system at each of six facilities
    - Development of electronic CAD files for apparatus bays of Stations 19 and 22 and for Public Works Building garage area to use as backgrounds – CAD files will be of limited detail necessary to convey Project Work requirements
    - Design of new gas detection system components and design of integration with Building Automation System (BAS)
        - Design of modifications to sequence of operations for existing mechanical systems as appropriate at each of six facilities
    - Design of electrical power distribution system modifications necessary to serve gas detection system components
    - Development of preliminary and final Opinion of Cost documents

    - Attendance at project design meetings to review design and system options with City of West Des Moines (proposal assumes two meetings during design phase of project)
    - Production of contract documents to include:
        - Drawings (separate floorplan drawings for each of six spaces with common details, diagrams, and schedule sheets as appropriate)
        - Project Manual (common specifications assumed for all six locations)
- Mechanical and Electrical Engineering Bidding/Pricing Phase Services, including (included in Basic Services of the Consultant below):
    - Response to requests for information
    - Attendance at pre-bid meeting
    - Preparation of Addenda as necessary
    - Review of Quotes/Proposals and recommendation for award
    - Preparation of Contract for agreement between City and Contractor
- Mechanical and Electrical Engineering Construction Phase Services (included in Resident Consultant Services below), including:
    - Review of submittals
    - Response to contractor questions
    - Preparation of Supplemental Instructions, Proposed Contract Document Revisions, etc., as necessary
    - Attendance at project construction progress meetings
    - Field observations during construction phase as appropriate
    - Preparation of punch list
    - Incorporation of changes into electronic record documents

Not included (available upon request):

- Energy modeling services
- Design of modifications to mechanical systems other than those associated with gas detection system installation
- Design of modifications to electrical service or power distribution other than those related to gas detection systems modifications
- Design of modifications to plumbing system, other than those directly associated with mechanical system modifications
- Design of modifications to fire alarm system, other than those associated with new mechanical equipment
- Design of modifications to lighting or lighting control systems
- Design of modifications to communications systems
- Design of modifications to building architectural components
- Design of modifications to, or analysis of, building structural components
- Design of modifications to building systems other than those described herein
- Civil Engineering services
- Support for LEED or other third-party certification programs

Deliverables:

- Preliminary Project Opinion of Cost shall be provided by October of 2019
- Review Documents to be approved before production of Contract Documents, including detailed opinion of cost
- Contract Documents to include:
    - Project Manual including Project General Requirements, Project Contract Requirements, and Technical Specifications (prepared for quotations solicited from invited contractors)
    - Drawings defining scope of Project Work (prepared for quotations solicited from invited contractors)

ATTACHMENT 2

PROJECT SCHEDULE

We plan to begin work on this Project as soon as we receive a notice to proceed. We will work to develop a preliminary opinion of cost document and a preliminary schedule with City Staff by October of 2019. It is our intent to have the Project design completed by November of 2019, to allow for the bidding and construction to occur in Winter and Spring of 2020, with the Project complete by late Spring or early Summer of 2020.

ATTACHMENT 3

SCHEDULE OF FEES

At this time, we do not anticipate using any consultants for this Project. If consultants become necessary, proposed team members will be reviewed with City personnel prior to engaging their services.

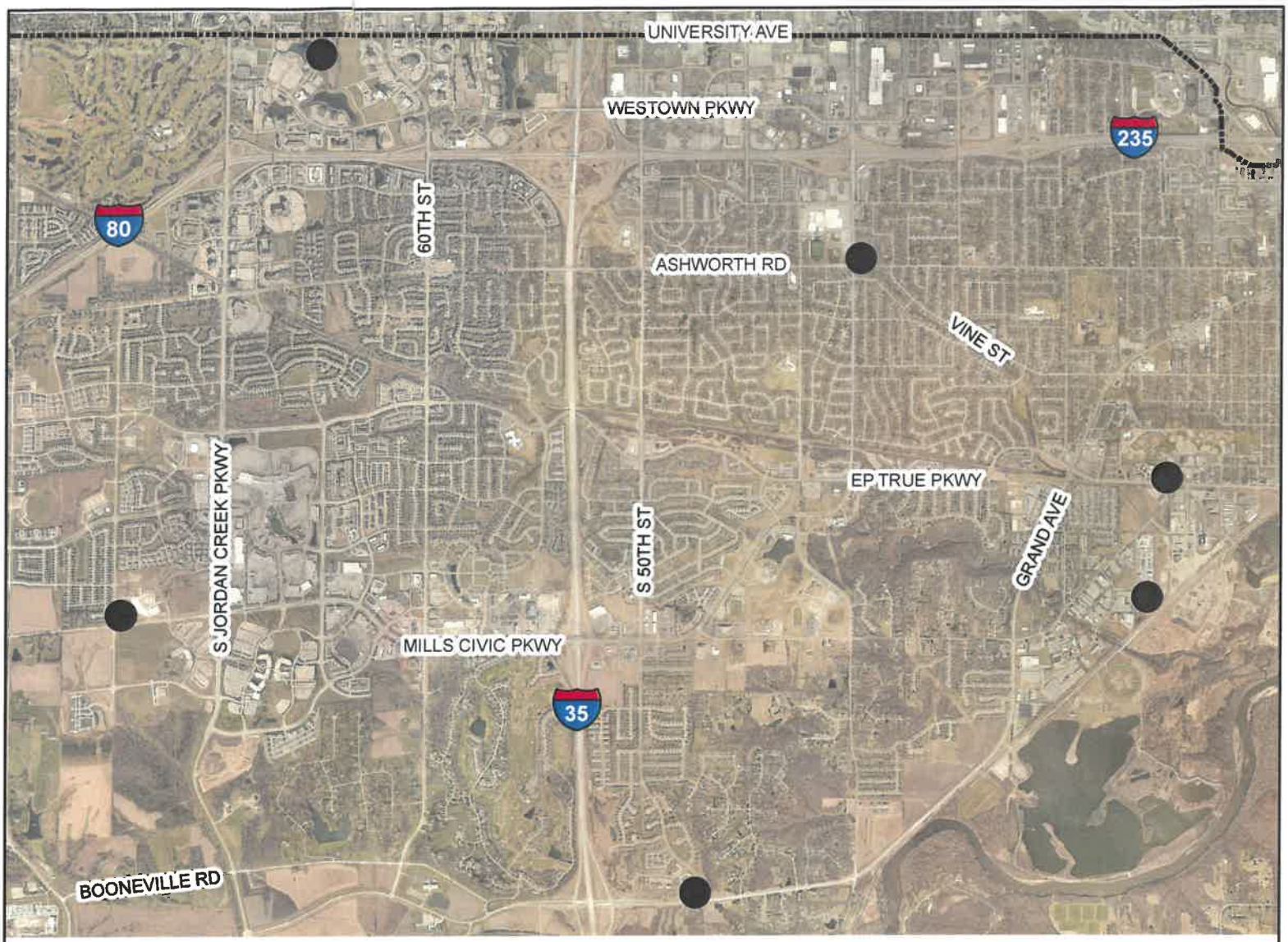
We propose to provide the design, bidding phase, and construction administration services outlined above as follows:

- Design and Bidding/Pricing Phase Services for the Mechanical System Upgrades (Basic Services of the Consultant):
    - Mechanical and Electrical Engineering Services: $10,700
- Construction Phase Services for the Mechanical System Upgrades (Resident Consultant Services):
    - Mechanical and Electrical Engineering Services: $4,700

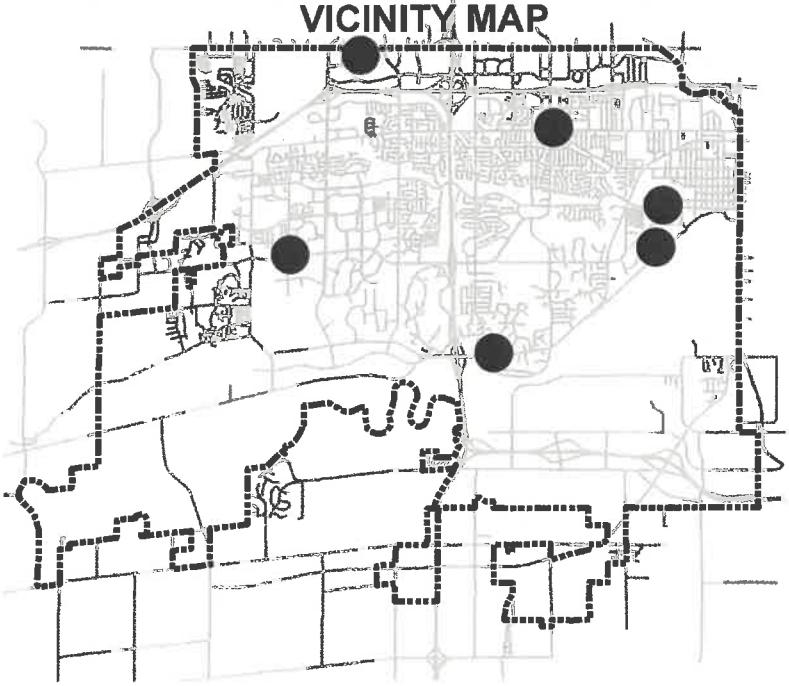
We propose to provide the engineering and architectural services listed above on an hourly, not-to-exceed basis. The fees listed above include reimbursable expenses to include mileage and printing services. Reimbursable expenses will be identified separately from time on invoices.

The hourly rates for staff expected to work on this project are as follows:

- Principal Engineer/Project Manager - $140/hour
- Senior Mechanical Engineer - $130
- Senior Electrical Engineer - $140/hour
- Engineer - $100/hour
- Mechanical/Electrical Engineering Intern or Designer - $90/hour
- Clerical - $45/hour



VICINITY MAP



LEGEND

PROJECT LOCATION

N
W E
S

THE CITY OF WEST DES MOINES

PROJECT:

Gas Detection System Upgrades - Various Facilities

LOCATION:

Exhibit "A"

DRAWN BY: JDR	DATE: 8/28/2019	PROJECT NUMBER/NAME: 0510-016-2019	SHT. 1 of 1