

January 3, 2024

**Ron Wieck**  
*Chairman*  
Woodbury County Law Enforcement Authority  
620 Douglas Street  
Sioux City, IA 51101



RESOURCE  
CONSULTING  
ENGINEERS LLC

Re: Woodbury County Law Enforcement Center –Proposal for Mechanical Engineering Review Services

Dear Ron,

I am pleased to present you with a proposal to provide Mechanical Engineering Review Services for the new Woodbury County Law Enforcement Center in Sioux City, Iowa. I appreciate the opportunity to provide this proposal and look forward to working with the Woodbury County Law Enforcement Authority, Baker Group (Construction Manager), and the Design Team to address project concerns associated with pending changes.

We understand that the scope of the Project is to review proposed changes from the design team, including revised air and water flow rates to multiple pieces of equipment throughout the building. Resource Consulting Engineers, LLC (RCE) will review the proposed modifications in an effort to provide feedback regarding the necessity and impact of each proposed change.

The RCE Team will work with other project team members to provide analysis related to the proposed changes as quickly as possible, while also working to ensure information provided is accurate.

The services provided as part of this Project are not intended to serve as design or to replace final decisions by the Engineer Of Record (EOR). Analysis and Calculations completed as part of this project are intended to be completed with adequate detail to provide informed feedback, but will not be completed to the level necessary to replace final design decisions.

## **Scope of services:**

### Services to be provided:

- Mechanical Engineering Analysis Services, including:
  - Review of original Contract Documents
  - Review of proposed changes, generally documented in shared ASI 10 document
  - Review of necessity of proposed changes, to include:
    - Review limited code implications of changes (primarily for ventilation or exhaust rates)
    - Complete limited calculations related to spaces and proposed changes
    - Compare existing equipment/component capabilities with revised target values
    - Consider alternatives to equipment or component changes if feasible
  - Review of suitability of existing system configuration to accommodate proposed changes without replacement of equipment or components
  - Provide recommendations for system modifications where determined to be necessary or appropriate
  - Attendance at meetings as required:
    - Expected to be maximum of one (1) in-person meeting (in Sioux City or Woodbury County) and maximum of three (3) virtual meetings

### Information Provided by Others:

- Existing Contract Documents
- Proposed Revisions
- Approved Submittals for equipment and components

### Not included (available upon request as additional services):

- Design of building systems (scope is limited to analysis and recommendations)
- Analysis of systems other than specific mechanical systems identified
- Energy modeling

### Deliverables:

- Report documenting analysis and recommendations, with supporting code references, basic calculations, etc., as needed to support recommendations

## Schedule

It is understood that this Project needs to move forward as quickly as possible. Preliminary feedback will be provided within two business days of receiving a Notice to Proceed and detailed results documentation will be provided within two weeks of work commencing.

## Basic Services

We propose to provide the base services as outlined in this proposal on an hourly, not-to-exceed basis, with a maximum fee of \$9,400.

Hourly rates for staff expected to work on this Project are as follows:

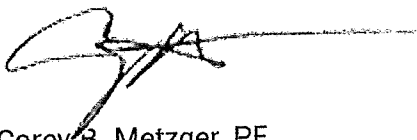
- Principal/Project Manager: \$140/hour
- Senior Mechanical Engineer: \$135/hour
- Licensed Mechanical Engineer: \$110/hour
- Mechanical Engineer: \$100/hour
- Mechanical Designer: \$80/hour
- Senior Electrical Engineer: \$135/hour
- Electrical Engineer: \$95/hour
- Electrical/Lighting Designer: \$90/hour
- Intern: \$60/hour
- Support Staff: \$50/hour

Additional services outside the scope defined in this proposal will be provided only after approval from authorized Woodbury County Law Enforcement Center Authority personnel.

## Summary

I appreciate the opportunity to provide this proposal to provide Mechanical Engineering Review Services for the new Woodbury County Law Enforcement Center Building in Sioux City. If you have questions or comments regarding this proposal, please do not hesitate to share them with me. I would be happy to review scope and fees in detail if it is helpful. I look forward to working together on this Project. Thank you.

Respectfully,



Corey B. Metzger, PE

Principal

Resource Consulting Engineers, LLC

*Don Weick - Chairman*  
*Woodbury County Authority*

*1/03/24 11:00 AM*  
RESOURCE CONSULTING ENGINEERS, LLC

C = County Responsibility

M = Maintenance Fund

C M

		AHU FILTERS
		WATER HEATERS
		COMPRESSOR MAINTENANCE
		CAMERA REPLACEMENT
		SECURITY ELECTRONICS UPGRADE
		CARPET
		WINDOW BLINDS
		WATER SOFTNER(S)
		BRINE FOR WATER SOFTNER(S)
		ROOF REPAIRS
		GREASE/BELTS
		BOILER IGNITOR(S)
		BOILER SERVICE
		ROOF REPLACEMENT
		CONCRETE REPAIRS
		TREES
		LANDSCAPING
		SNOW MELT SYSTEM
		PUMPS
		SECURITY ELECTRONICS REPAIRS
		DETENTION (JAIL) LOCKS
		DOOR HARDWARE
		ACCURATE SMA
		FURNITURE
		PARKING LOT STRIPING
		RETENTION POND MAINTENANCE
		SNOW REMOVAL
		MOWING
		VAV CONTROL VALVES
		BAS UPGRADE
		NETWORK SWITCHES
		CHILLER(S)
		ACT
		TV'S
		DURESS BUTTONS
		NON-COUNTY COMPUTERS
		FIRE ALARM(S)
		ELEVATOR SC
		WINDOW(S)
		CAULKING
		OVERHEAD DOOR(S)

