



MEMORANDUM

To: Mayor Bowlin and City Council

From: Steve Cross

Date: July 22, 2019

RE: American Auto-Matrix Version 3.0 Upgrade

Mayor Bowlin and Council Members,

The heating, cooling, ventilation and air conditioning (HVAC) of the City Hall building is accomplished by four (4) air handling units (AHUs) located in mechanical equipment closets located throughout the building. Further, the City has utilized Integrated Facility Services (IFS), a mechanical contractor, to provide 24-hour monitoring of the HVAC systems and notifications to the City in the event of a failure of any of the components of the AHUs. This monitoring service has been provided by IFS, under a separate maintenance agreement, from January 2014 until approximately twelve (12) months ago. During this time, the City was also provided a software interface which allowed staff to log into the IFS system, giving them the ability to monitor and change various parameters within each area of City Hall (temperature, set points for thermostats, hours of HVAC for occupied / unoccupied areas, etc.). However, it was determined earlier this year that the software interface that the City had been using was no longer operating as of approximately twelve (12) months ago. As a result, IFS has not had the ability to monitor the City's HVAC systems, and the City has not had the ability to control its own temperature environment.

Attached is a quote from IFS to provide and install the Version 3.0 software upgrade, re-design the graphics package to accommodate the HTML5 platform and remove all Java related components. Java is an insecure platform and is very susceptible to security breaches. As a result, IFS, and companies like it, have moved away from Java to the industry standard HTML5 platform. Further, this upgrade will enable IFS to fully monitor the controls of the City's HVAC systems, as well as allow City staff to be able to fully control the various parameters within each area of City Hall.

We are therefore respectfully requesting approval from City Council to execute the attached proposal in the amount not to exceed \$15,495.00.

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16860 Main Street • Wildwood, Missouri 63040 • 636-458-0440 phone • 636-458-6969 fax

Thank you.

Steve Cross
Co-Interim City Administrator

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DATE: July 22, 2019

TO: Steve Cross
City of Wildwood

SUBJECT: Proposal, American Auto-Matrix Version 3.0 Upgrade

Integrated Facility Services (IFS) is pleased to submit this proposal for your review for the above-referenced facility.

IFS proposes to upgrade the American Auto-Matrix building automation system to Version 3.0. This upgrade will allow the system to be independent of Java by moving to a true HTML5 platform. The HTML5 platform allows for a very user friendly mobile application.

Scope of Work:

- Provide and install the Matrix 264 IoT (Internet of Things) embedded ASPECT Control Engine
- Provide and install the Version 3.0 software upgrade
- Re-design the graphics package to accommodate the HTML5 platform. The re-design will be removing all Java related components.
- Re-commission the graphical interface for proper operation.

Integrated Facility Services shall provide the above-described services for a lump sum not to exceed \$15,495.00 (Fifteen Thousand, Four Hundred Ninety Five Dollars)

Additional Inclusions:

- One year warranty on all products and services provided by IFS

Exclusions:

- Overtime (work will be done during normal working hours)
- All work or materials not specifically named as included

This proposal is based on our standard Terms and Conditions which are available upon request and are located on our website www.intfs.com/terms-conditions-ifs.pdf.

We reserve the right to modify this proposal (including, but not limited to, the pricing and scheduling terms) if the Contract offered to us contains any terms or conditions that are inconsistent with or different from our General Terms and Conditions. This proposal is good for thirty days only after which is considered null and void.

Please do not hesitate to contact me at any time if you have questions or comments regarding this document.

Respectfully submitted,

Customer Acceptance

John Johnston
Building Automation Specialist
Building Automation and Controls Division
1055 Cassens Industrial Court
Fenton, MO 63026
(314) 210-6157 – Mobile

Signature

Printed Name
