



CITY OF FAIRVIEW PARK CITY COUNCIL MEETING AGENDA

COMMITTEE MEETING
MONDAY, APRIL 25, 2016
Council Caucus Room
7:00 PM

****A live demonstration of the permeable pavers and other stormwater management tools that were installed in the rear of city hall will occur prior to the start of the committee meeting at 6:45 p.m.****

MEETING CALLED TO ORDER | ROLL CALL

City officials and guests who will be present for committee items:

- Greg Cingle, Interim Finance Director
- Kevin Bridegum, Service Supervisor
- David Smith, Brewer Garrett Company
- Jason Zorc, Brewer Garrett Company

FINANCE – Councilwoman Cleary, Chair

- ✧ Ord. 16-11 | Solid Waste Fee Special Assessment for Tax Years 2016 and 2017
- ✧ Ord. 16-12 | Authorizing Contract with Brewer Garrett for Building Automation System Controller

BOARD & COMMISSIONS REPORTS

ROUNDTABLE

EXECUTIVE SESSION

Agenda and meeting documents for this meeting can be viewed online by using this code:



UPCOMING MEETINGS OF COUNCIL:

MON. May 2	Council Regular Meeting	7:00 p.m.	Council Chambers
MON. May 9	Council Committee Meeting	7:00 p.m.	Council Caucus Room
MON. May 16	Council Regular Meeting	7:00 p.m.	Council Chambers
MON. May 23	Council Committee Meeting	7:00 p.m.	Council Caucus Room

CITY OF FAIRVIEW PARK
ORDINANCE NO. 16-11
REQUESTED BY: MAYOR EILEEN ANN PATTON
SPONSORED BY: COUNCILWOMAN CLEARY

AN ORDINANCE LEVYING SPECIAL ASSESSMENTS FOR COLLECTION OF THE MONTHLY CHARGE FOR COLLECTION OF SOLID WASTE IN THE CITY OF FAIRVIEW PARK, OHIO FOR THE TAX YEARS 2016 AND 2017, AND DECLARING AN EMERGENCY

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF FAIRVIEW PARK, COUNTY OF CUYAHOGA AND STATE OF OHIO:

SECTION 1. That the assessment of the cost and expense of solid waste collection for the tax years 2016 and 2017, in the amount of \$120 per year per residential parcel for each tax year, as reported to the Finance Director and now on file in the office of the Finance Director; be and the same is hereby adopted and confirmed, and that for the tax years 2016 and 2017, there be and are hereby levied and assessed upon each residential parcel that is subject to collection of solid waste by the City's vendor, the amount reported as aforesaid, which are not in excess of any statutory limitation; and said properties are hereby determined to be specially benefited by said improvement.

SECTION 2. That the remainder of the entire cost of said improvement shall be paid out of the General Fund of the City of Fairview Park, Ohio.

SECTION 3. That this Council hereby finds and determines that the assessments now on file in the office of said Director are in the same proportion to the estimated assessments as originally filed as the actual cost of the above described improvement is to the estimated cost of the improvement as originally filed.

SECTION 4. That the assessment against each lot or parcel of land shall be payable in cash within thirty (30) days after the passage of this Ordinance, or at the option of the owner, in two (2) annual installments. All cash payments shall be made to the Director of Finance of the City. All assessments remaining unpaid at the expiration of said thirty (30) days shall be certified by the Clerk of Council to the County Fiscal Officer as provided by law, to be placed on the tax duplicate and collected as other taxed are collected.

SECTION 5. That the Clerk of this Council shall cause a notice of the passage of this Ordinance to be published once in a newspaper of general circulation in this City, and to continue on file in this office said assessments.

SECTION 6. That the Clerk of this Council is hereby directed to immediately deliver a certified copy of this Ordinance to the County Fiscal Officer to meet the 2016 deadline.

SECTION 7. It is found and determined that all formal actions of this Council concerning and relating to the adoption of this ordinance were adopted in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements.

SECTION 8. That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the public peace, health, safety and welfare; and for the further reason that it is necessary to provide funds for solid waste collection to protect the health, convenience, and welfare of the inhabitants of the City of Fairview Park and provided it receives the affirmative vote of a majority plus one of the members elected to Council, it shall take effect and be in force immediately upon its passage and approval by the mayor, otherwise from and after the earliest period allowed by law.

PASSED:
APPROVED:

1st reading: 04.04.16
2nd reading: 04.18.16
3rd reading:

Michael P. Kilbane, President of Council

Eileen Ann Patton, Mayor

Liz L. Westbrooks, Clerk of Council

CITY OF FAIRVIEW PARK
ORDINANCE NO. 16-12
REQUESTED BY: MAYOR EILEEN ANN PATTON
SPONSORED BY: COUNCILWOMAN CLEARY

AN ORDINANCE AUTHORIZING THE MAYOR TO ENTER INTO AN AGREEMENT WITH BREWER GARRETT FOR THE PURCHASE OF A JEC 344 S EQUIPMENT CONTROLLER BUILDING AUTOMATION SYSTEM AND DECLARING AN EMERGENCY.

WHEREAS, the existing Honeywell system at City Hall does not function properly to control the heating and cooling set points for the system and regain control of the building; and

WHEREAS, JEC 344 S Equipment Controller building automation system will allow for better control of the heating and cooling set points in City Hall; and

WHEREAS, the City obtained three (3) quotes for a new heating and cooling system for City Hall; and

WHEREAS, Brewer Garrett can provide the JEC 344 S building automation system at a cost not to exceed Thirty-Two Thousand Two-Hundred Fifty Dollars (\$32,250.00) (See Attached Exhibit "A").

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF FAIRVIEW PARK, COUNTY OF CUYAHOGA AND STATE OF OHIO:

SECTION 1. The Mayor is hereby authorized to enter into an agreement with Brewer Garrett for the purchase of a Controller System in an amount not to exceed Thirty-Two Thousand Two-Hundred Fifty Dollars (\$32,250.00) to replace the existing Honeywell System at City Hall.

SECTION 2. That the cost of the system will be paid from the Permanent Improvement Fund (260).

SECTION 3. It is found and determined that all formal actions of this Council concerning and relating to the adoption of this ordinance were adopted in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements.

SECTION 4. That this Ordinance is hereby declared to be an emergency measure necessary for the preservation of the public peace, health, safety and welfare and to accommodate the seasonal constraints of outdoor construction, and provided it receives an affirmative vote of a majority plus one of the members elected to Council, it shall take effect and be in force immediately upon its passage and approval by the Mayor; otherwise from and after the earliest period allowed by law.

PASSED:
APPROVED:

1st reading: 04.04.16
2nd reading: 04.18.16
3rd reading:

Michael P. Kilbane, President of Council

Eileen Ann Patton, Mayor

Liz L. Westbrooks, Clerk of Council



6800 EASTLAND ROAD
MIDDLEBURG HEIGHTS, OH 44130
440-243-3535

Mr. Kevin Bridegum
Service Department - Foreman
City of Fairview Park
20777 Lorain Rd.
Fairview Park, Ohio 44126-2018

March 4, 2016

RE: City Hall Controls Upgrade

Dear Mr. Bridegum,

Per your request, the Brewer-Garrett Company has evaluated the existing controls servicing The City Hall and has determined that they are far beyond their useful life.

The Brewer-Garrett Company recommends replacing the Honeywell DDC controllers with non-proprietary, open protocol, web-based controllers. These controllers will utilize Tridium which runs on the Niagara Platform.

- Replace the six (6) Honeywell Controllers with new JEC-334s (cutsheet attached).
- Replace all existing temperature sensors with new. Existing wiring will be re-used
- The currently stand-alone boilers will be integrated into the new system.
- Provide a graphical interface to all connected systems and points.
- Provide scheduling and trending capability.
- Provide 8 hours of training. 4 hours will be provided at the completion of the job and 4 hours will be provided after 3 months of operation to address all questions that have surfaced.
- The system will be fully commissioned to identify any non-functional mechanical components. A detailed report quantifying these issues will be generated to assist the city in planning for future expenditures.

Please consider the following notations and clarifications as part of the above proposal:

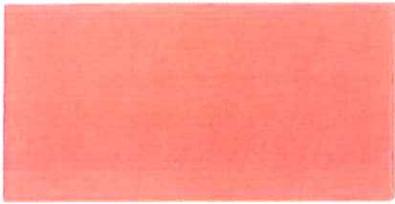
- The city will be responsible for providing network drops to the 4 existing controller locations.
- All existing actuators, valves, dampers, and motors will remain.
- We exclude abatement of hazardous materials.
- We exclude sales tax.
- All labor is based upon normal working hours Monday through Friday, shift premium is not included.

The price for the above work is.....\$ 32,250.00

Thank you for considering The Brewer-Garrett Co. as part of your design team. If you have any questions or need additional information, please do not hesitate to contact this writer.

Very Truly Yours,
The Brewer-Garrett Company

Jason A. Zorc
Building Solutions Manager



The VYKON JACE Equipment Controller (JEC-334) is an embedded controller/server platform designed for monitoring and control applications. The JEC-334 can manage up to 150 points and is licensed for 5 remote devices on Lon, BACnet or Modbus.

JEC-334 - JACE Equipment Controller



Overview

The VYKON JEC-334 is part of the VYKON portfolio of Java-based controller/server products, software applications and tools, designed to integrate a variety of devices and protocols into unified, distributed systems. VYKON products are powered by the Niagara^{AX} Framework[®], the industry's leading software technology that integrates diverse systems and devices into a seamless system. The Niagara^{AX} Framework includes integrated management tools to support the design, configuration and maintenance of a unified, real-time controls network. The Input/Output module with low voltage power supply makes this package ideal for equipment control.

Applications

The JEC-334 is ideal for controlling and monitoring a building system including HVAC equipment, lighting, and meters. The Input/Output module provides 34 points for local control. The IO count can be expanded with up to 2 additional 16 point NDIO modules and four 16 point NRIO modules. In addition to local control, the JEC-334 is licensed for up to 5 remote devices that can come into the controller via Lon, BACnet, or Modbus. In total, the JEC-334 can control up to 150 points. The JEC-334 serves data and rich graphical displays to a standard web browser via an Ethernet LAN or remotely over the Internet. In larger facilities, multi-building applications and large-scale control system integrations, Niagara^{AX} Supervisor[™] software can be used to aggregate information (real-time data, history, alarms, etc.) from large numbers of JACEs into a single unified application.

Features

- 34 hardware control points (expandable with NDIO and NRIO modules).
- Pre-Licensed for five remote devices – either BACnet, Modbus, or Lon
- Web User interface serves rich presentations and live data to any browser
- Two Communications board sockets for optional communications card
- Built-in 24 volt AC/DC input power supply
- Din Rail mountable for quick installation
- Supports open protocols



Ordering Information

Part Number	Description
JEC-334	JACE®-3E with 34 point I/O module. Features include Niagara station and Web User Interface. Includes Niagara Network (Fox) Client / Server. Includes oBIX Client / Server, Modbus, BACnet, and Lon drivers limited to a total of 5 devices per controller or 150 total points. Requires 24 VAC or 24 VDC Power Source. Option cards required for communication to remote devices are not included. Battery not included. Requires AX 3.8.037 or later.
Optional Communication Cards	
NPB-LON	78 Kbps FTT 10 A Lon® adapter
NPB-232	Single Port RS 232 Option Card
NPB-2X-485	Dual Port RS-485 Option Card
NPB-GPRS-W	GPRS Modem option, bundled with Wyleless SIM card
Optional I/O Expansion Modules	
IO-16	Includes 8 Universal Inputs, 4 Form A Relay Outputs, and 4 0-10 VDC Analog Outputs. Mounts in-line with JEC-334 on DIN rail. JEC-334 supports up to 2 IO-16 modules.
IO-16-485	Includes 8 Universal Inputs, 4 Form A Relay Outputs, and 4 0-10 VDC Analog Outputs. May be mounted remotely. Communicates to JEC-334 via a dedicated RS-485 port. JEC-334 supports up to 4 IO-16-485 modules.
Optional Power Accessories	
NPB-BATT	Battery module. Provides up to 10 minutes of backup power.

Specifications

General

- J-300E and IO-34 Module with optimized license for equipment control
- Real-time clock – 2 week
- Niagara^{AX} 3.8.037 or later
- Oracle Hotspot Java Virtual Machine

IO-34 - 34 Point I/O Module

- 16 Universal Inputs (Type 3 (10k) Thermistors, 0-1000 ohm, 0-10 volts, 0-20 mA with external resistor)
- 10 relay outputs (Form A contacts, 24 VAC @.5 amp rated)
- 8 analog outputs (0-10 volt DC)

Communications

- 2 Ethernet Ports – 10/100 Mbps (RJ-45 Connectors)
- 1 RS 232 Port (RJ-45 connector)
- 1 RS 485 non isolated port (Screw Connector on base board)
- 2 card slots for optional communication cards

JACE and IO-34 Chassis

- Construction – Plastic, din rail or screw mount chassis, plastic cover
- Cooling – Internal air convection
- Dimensions (JACE) – 6.313" (16.04 cm) W x 4.820"(12.24 cm) H (including connectors) x 2.438" (6.19 cm) D
- Dimensions (IO-34) – 5.969" (15.16 cm) W x 4.820"(12.24 cm) H (including connectors) x 2.438" (6.19 cm) D
- Dimensions for both JACE and IO-34 including Mounting Ears 13.094" (33.26 cm) W x 4.820"(12.24 cm) H (including connectors) x 2.438" (6.19 cm) D

Power Input

- 24 Volt AC or DC input power supply
- Termination is via screw type terminal block

Environment

- Operating temperature range – 0° to 60°C (32°F to 140°F)
- Operating temperature range – 0° to 50°C (32°F to 122°F) with battery
- Storage temperature range – 0° to 60°C (32°F to 140°F)
- Relative humidity range – 5% to 95%, non-condensing

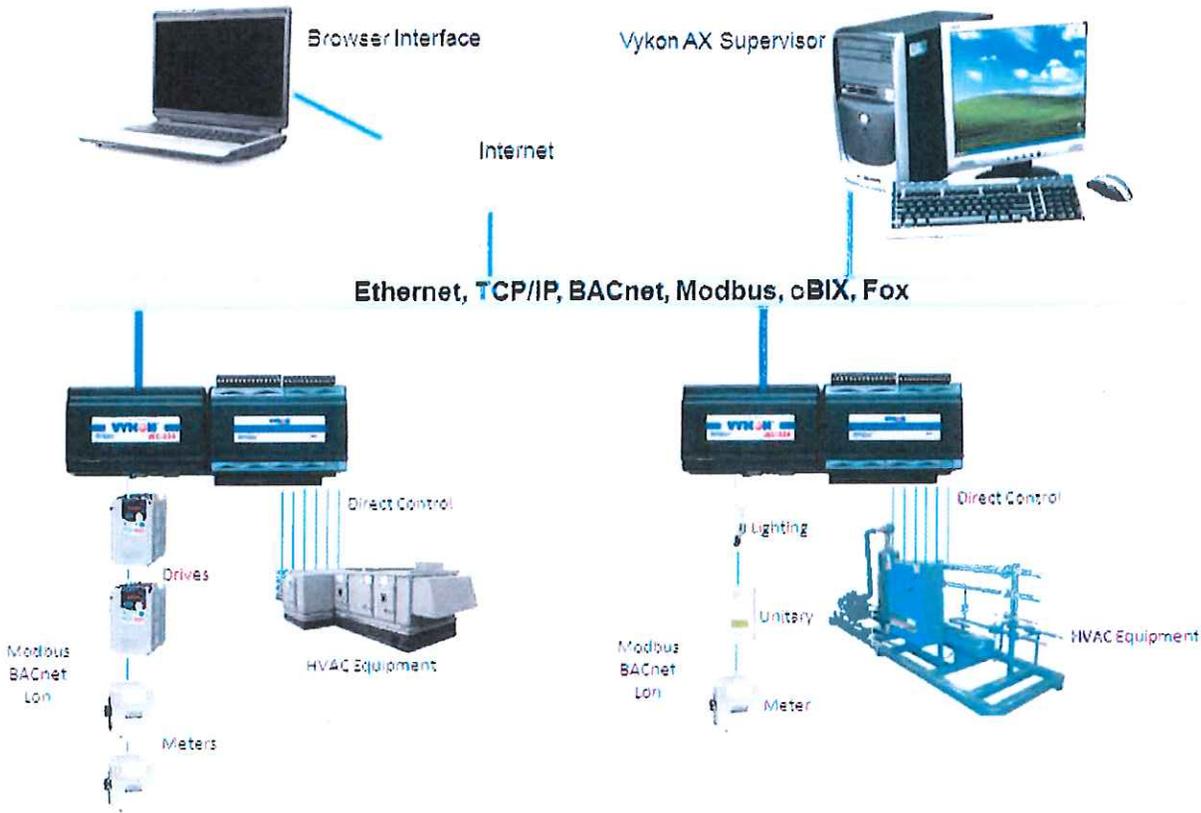
Agency Listings

- RoHS Compliant
- UL 916
- C-UL listed to Canadian Standards Association (CSA) C22.2 No. 205-M1983 "Signal Equipment"
- CE
- FCC part 15 Class B
- C-tick (Australia)

RoHS
Compliant



Architecture



www.vykon.com

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DS-V-JEC-334