



**Purchasing Division**  
 18 North County Street, 9th Floor  
 Waukegan, Illinois 60085-4350  
 Phone 847-377-2992  
 Fax 847-984-5889  
 purchasing@lakecountyil.gov

**Award Information – 9/27/2021**

**Contract Information**

Purchase Description: **BAS services to add BACnet Interfaces for various Lake County locations**

Contract Start Date: **Upon County Board Approval**

Initial Term: **N/A**

Term Dates: **N/A**

Renewals: **N/A**

**Vendor Information**

Company Name: **Appin Associates**

Address: **1384 Spruce Street**  
*Street Address* *Suite/Unit #*

**Winnipeg** **MB** **R3E2V7**  
*City* *State* *ZIP Code*

Contact Name: **Grant Wichenko**

Funding Account Description: **Facilities and Construction Budget**

Budget Information: **Was included in the FY21 Budget and service is within budget expectations.**

Department: **Facilities and Construction**

Department Contact: **Jeremiah Varco** Award Amount: **\$152,550.**

**Bid / RFP Information**

Registered Vendors: **N/A** Responses Received: **N/A**

**Scope of Work:**

This scope of work relates to controls integration via BACnet, mechanical upgrades involving controls and energy efficiency improvements and/or implementation and reporting. Consultants role in this work involves spec writing, document review, reports and manuals, mark-up of drawings and documents, work on graphics, some construction administration and commissioning.

Consultant will work with the Facilities Operations staff at the County and various consultants hired to perform tasks to implement networked controls for mechanical equipment and other devices and to connect equipment to the BAS wherever possible within the campus complex. This enables the County to maximize energy savings, leads to increased efficiency and effectiveness of the Facilities Operations Department and contributes to the sustainability of the built environment.



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Consultants role is to create the Division 25 Controls Specification and ensure that it fits with the Design Consultant's specification. All documents and drawings are reviewed and marked up by consultant to ensure that controls are identified and/or referenced wherever necessary and that all equipment that has the capacity to be integrated into the BAS is provided with the appropriate BACnet interface to make that connection. Consultant performs the task of Construction Administration for the controls. Following construction and/or installation, Consultant reviews the graphics that will be used by Facilities Operations to control the devices and commissions the controls. In addition, Consultant will tabulate and report on meter information to enable energy usage data to be available in a timely manner and usable format.

Consultant will produce reports and manuals that detail Lake County standards and procedures relating to the BAS to ensure that future projects conform to the standards developed from the experience of Lake County Fac Ops on past BAS projects. The following is a list of projects to be covered by this proposal for this fiscal year:

- Design, Construction Administration and Commissioning BAS services to add BACnet Interfaces as part of the Depke Generator Relocation Project.
- Construction Administration and Commissioning BAS services to add BACnet Interfaces as part of the new Round Lake Beach RTU Replacement Project and the Admin Tower Fire Pumps Replacement Project.
- Provide BAS Construction Administration and Commissioning services to add BACnet Interfaces to the Eaton UPS, Square D Trip Units and the Liebert CRAC unit plant as part of the IBM Mainframe M/E/P Infrastructure Project.
- Work on eSight Energy Monitoring Maintenance and Reporting for Fiscal Year 2021-22 and on systems and manuals for on-going Maintenance and Reporting.
- Create a Project Manual that documents the BAS Infrastructure requirements so future projects will meet this new Lake County standard.

#### **Department Recommendation:**

In accordance with the Purchasing Ordinance and the Local Government Professional Services Selection Act an Agreement has been negotiated with Appin Associates, Winnipeg, Canada to provide the necessary professional services. These services are in accordance with Lake County Purchasing Ordinance Article 5-101(3) and the Local Government Professional Services Selection Act (50 ILCS 510/1 et seq.

Yvette Albarran, 9/24/21