

### **Towson University, Parking and Transportation Service Request for Information – Gate Control Access**

The purpose of this Request for Information (RFI) is to solicit initial feedback and input regarding a possible gate access control system to be used at several parking garages on campus. The information received will be used to approximate the scope and budget for the system. This is not a bid or proposal opportunity, no contract will be awarded as a result of this RFI and responses received through this process will not increase respondents' chances of receiving a contract through future opportunities. Towson University is requesting information regarding the possible scope and estimated budget for the creation of and installation of a gate access control system. The system will not be utilized for revenue control purposes.

University facilities will provide all necessary power and IT infrastructure to the gate locations. It would be the responsibility of the vendor to complete final connections.

#### **Scope of system**

The University has 4 parking garages, each with 2 separate entrances. One entrance will be closed at a set time each evening and re-open at a set time early each morning to allow routine access to the garages. No entry or exit will be permitted at the closed exit. The remaining entry/exit location will allow TU affiliates access to parking during the restricted times. Anyone will be allowed to exit from that location.

The University is looking for an automated gate system that will meet the following requirements:

- Closed entrance/exit
  - Automated system that will electronically close and open gates at the designated times
- For controlled entry/exit points:
  - System must be able to maintain a database of ID numbers that will be read from the campus OneCard track 2 mag stripe - "ISO/IEC 7813" – similar to current ATM/credit card encoding standard
  - System should also have capability to add fixed LPR to read plates and allow entry to those in the University parking database, which is currently maintained in a T2 Flex system. The university currently uses a Genetec LPR system.
  - System would have pass back controls to prevent unauthorized access
  - For emergencies, the entry gate should also have the ability to be raised through keying the mike on university and emergency radio frequencies.
  - Exit gate would be activated only by the presence of a vehicle.
- Interfacing –
  - The University would prefer the system interface through file feeds vs the implementation of a new complex software management system.
  - Daily file feeds for Onecard ID numbers would be available.
  - The University currently uses the:
    - T2 Flex system to manage parking permits and license plates.
    - Genetec LPR software system
- Misc
  - Gate system that can't be easily vandalized or gate arms easily broken. While the University wishes to maintain a small footprint for gates & equipment, all locations do have space available for swing gates, some locations have space for slide gates.
  - Gate height should be consistent with typical parking access control equipment.

## **Budget for the system**

Please provide estimates to include separate estimated cost for equipment & installation.

1. What is the estimated cost per lane to install this system? Please breakdown the cost per lane and hardware components, to include
  - Readers
  - Gates
  - Control boxes
  - Vehicle detectors
  - Fixed LPR
2. What is the estimated cost for related software – please indicate if it will interface with existing systems (T2 & Genetec)

## **General Questions & Requests**

1. Please provide a general overview of how the system would function.
2. Please provide examples of gates that are not easily vandalized.
3. Please provide input regarding other information that would be beneficial to the University when considering this system.

There is no penalty for lack of response to or participation in this request for information. Questions should be submitted by October 4, 2021 and responses by October 8, 2021. Questions and submissions should be sent to [PMooney@towson.edu](mailto:PMooney@towson.edu).

We appreciate your participation in the request for information.