

CITY OF CLEVELAND – DEPARTMENT OF PORT CONTROL

Ordinance No.: 255-2023

EXECUTIVE SUMMARY

The Department of Port Control (“Department”) is requesting authority to enter into a Lease by Way of Concession agreement with one or more firms for the design, installation, implementation, management, and maintenance of a Neutral-Host Distributed Antenna System at Cleveland Hopkins International Airport, for the Department of Port Control, for a period of five years with 3 one-year options to renew, the first of which requires additional legislative authority.

Background/Purpose:

The Department of Port Control is inviting Proposals from qualified firms to act as a service provider to implement and manage a Neutral-Host Distributed Antenna System (NH-DAS) at CLE to provide enhanced cellular telephone access through wireless carrier services throughout all areas of the passenger terminal buildings. The Distributed Antenna System shall support the air traveling public, airline tenants, other CLE tenants and CLE Operations.

Scope:

The scope of work consists of, but shall not be limited to:

- a. Design of a Cellular Host NH-DAS to support multiple cellular carriers including all current wireless communications and broadband data requirements.
- b. An integrated IT implementation, management, and maintenance of a Neutral-Host Distributed Antenna System.
- c. All necessary equipment, materials, supplies and labor to design and install a Cellular Carrier NH-DAS System throughout the entire Airport.
- d. Preventative maintenance and system repairs, including system updates.
- e. Maintain, monitor, and manage the Cellular Host NH-DAS to include regular service and maintenance, active monitoring and system restoration, Cellular Host NH-DAS system upgrades and enhancements to support the latest wireless carrier technologies, and management of wireless carrier access to the NH-DAS.
- f. 24/7/365 support
- g. The Successful Proposers shall pay a concession fee.
- h. In the event the successful Respondent and/or the individual cellular carriers begin to provide new service offerings utilizing new technologies (e.g., providing broadband data service using 5G technologies), any additional revenue generated through the use of the Cellular Carrier NH-DAS will be subject to a new revenue sharing agreement with CAS, to be negotiated prior to such services being brought online.

Justification/Urgency:

Distributed Antenna systems improve cellular and wireless signal strength in large facilities that frequently accommodate thousands of devices with strong bandwidth. Cleveland Hopkins Airport serves over 9.5 million customers per year, and is late to the game in providing a DAS as a service to the people who come to the airport. The Department is interested in delivering a premium experience for the air traveling public and satisfies the needs of CLE tenants. Additionally, DAS technology frequently provides additional incentives to the facility through contractual agreements with the DAS vendor.

Anticipated Cost:

This service is typically installed at vendor's expense and revenue generating.

Schedule or Term of Contract:

A period of five years with 3 one-year options to renew, the first of which requires additional legislative authority.

Current Vendors/ Contracts:

There is no current vendor or contract for this service.