

Date October 19, 2021

To: City Manager
Mayor and City Council Members

From: Mike Shahan, Airport, Airport Director

Project location: Scholes International Airport

Project: Air Traffic Control Tower Voice
Communication Control System Emergency
Replacement.

Request: Consider confirming an emergency repair to upgrade the Liberty Star Voice Communication Control System (VCCR) and replace associated equipment at the ATCT upon final approval by the City Attorney.

Prior Council Action:

On October 14, 2004, City Council approved a contract with R.Hassell Builders, Inc. to construct the air traffic control tower, including installing the tower equipment.

Background:

- A. The Air Traffic Control Tower was built in 2005. Part of the contract to build the tower was to install all necessary equipment to have a fully functioning control tower.
- B. Over the past five years, we have been replacing equipment as recommended by Wolen, LLC, which originally installed the equipment and has continued to do annual maintenance and repairs.
- C. The Voice Communication Control System (VCCS) is a system software upgrade and a voice switch that is the interface between the touch screen computers, the radios, microphones, and recording equipment needed to communicate with aircraft and other FAA control facilities.
- D. The VCCS system is on our list of equipment to replace and is beginning to fail more often and needs replacing sooner than previously expected. Should the system go completely out, we are required to close the control tower until replaced.

Fiscal Impact Report:

- A. **Funding Source.** The cost for this equipment replacement is a one-time purchase and is being paid from the Airport Capital Outlay Account.
- B. **Total Cost.** There is a one-time cost to purchase the replacement equipment. The estimated cost is from a Proposal from Wolen, LLC, which does our annual inspections and maintenance on the Control Tower Equipment. The Airport Operating Budget will cover the annual maintenance of this equipment.





Scholes International Airport

AIRPORT ADMINISTRATION

2115 Terminal Dr | Galveston, TX 77554

www.galvestonairport.com | airport@galvestontx.gov | 409-797-3590

CAPITAL PROJECTS STAFF REPORT

Funding Source	Amount
Airport Capital Outlay	\$ 49,176.80
Estimated Cost	\$ 49,176.80

Alternatives:

- A. Council approves the emergency repair to upgrade the Liberty Star Voice Communication Control System (VCCR) and replace associated equipment at the ATCT upon final approval by the City Attorney.
- 1) Cost – The estimated cost is \$49,176.80
 - 2) Timing – The equipment is needed as soon as possible.
 - 3) Departmental Improvements – This equipment needs replacing to keep the integrity of the existing communication equipment at the Control Tower functioning properly.
- B. Do not approve the emergency repair.
- 1) Cost – Cost could increase along with increased liability due to the Control Tower being closed if the system fails.
 - 2) Timing – Longer downtimes and increased safety risk while waiting for replacement quotes from other equipment contractors.

Staff Recommendation:

Authorize the emergency repair to upgrade the Liberty Star Voice Communication Control System (VCCR) and replace associated equipment at the ATCT upon final approval by the City Attorney.

Attachments

Wolen, LLC Quote





Wolol, L.L.C.

103 Country Club Drive
 Linwood, NJ 08221
 Phone: 609-335-2063
 email: pwolownik@wololllc.com
 www.wololllc.com

PROPOSAL

DATE:	9/3/2021
PROPOSAL #	GLS-VCCS
Customer ID	GLS

CLIENT

MIKE SHAHAN
 Scholes International Airport
 PO Box 3266
 Galveston, TX 77552

PREPARED BY:	ESTIMATED DELIVERY	ESTIMATE GOOD FOR
Paul Wolownik	NLT 150 days ARO	60 DAYS

ITEM #	DESCRIPTION	QTY	UNIT PRICE	TOTAL
1	Liberty Star VCCS System Upgrade	1.15	19,902.08	22,887.39
	Software to upgrade Main Processor, Positions, SMART Maintenance Computer	1.15	9,091.88	10,455.66
2	Touch Computers, furnish and configure	2.15	1,550.00	3,332.50
				-
3	Two technicians Labor (Shop prep & Onsite)	1	9,600.00	9,600.00
4	Travel expenses	1	2,501.25	2,501.25
OPTION	VCCS Recommended Spares	1	16,588.31	

SUBTOTAL	\$ 48,776.80
TAX RATE	0.000%
TAX	\$ -
S & H	\$ 400.00
OTHER	\$ -
TOTAL	\$ 49,176.80

Other Comments or Special Instructions

NOTES:
 1) This quotation is marked-up in accordance with the GLS-Wolol Maintenance Proposal
 2) VCCS upgrade pricing is per Frequentis quotation
 3) Spares pricing is NOT included in the TOTAL Quote