



Legislation Details (With Text)

File #:	16-1231	Version:	1	Name:	Carrier Air Conditioning Units - Facilities Modernization and Energy Efficiency CIP
Type:	Agenda Item	Status:			Approved
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Title:	Consider and take action on a resolution authorizing the continued purchase of Carrier air conditioning units in support of the Facilities Modernization and Energy Efficiency CIP through the Buyboard cooperative vendor, Carrier South Central, in an amount not to exceed \$249,673.52 (Deputy City Manager)				

Sponsors:

Indexes:

Code sections:

Attachments: 1. Data Sheet, 2. Proposed Resolution

Date	Ver.	Action By	Action	Result
9/13/2016	1	City Council	Approved	Pass

Consider and take action on a resolution authorizing the continued purchase of Carrier air conditioning units in support of the Facilities Modernization and Energy Efficiency CIP through the Buyboard cooperative vendor, Carrier South Central, in an amount not to exceed \$249,673.52 (Deputy City Manager)

Approval of this resolution will authorize the continued purchase of Carrier air conditioning units from the Buyboard cooperative vendor, Carrier South Central, which has competitively priced the units statewide. As of August 22, 2016, the City's Capital Improvement Project (CIP) "FM1102 - Facilities Modernization and Energy Efficiency" has encumbered \$36,673.62 with Carrier South Central in FY2016. Upon council adoption of this resolution, staff anticipates encumbering an additional \$56,000 in FY2016 and an additional \$157,000 in FY2017 with this vendor.

These Carrier units are to provide for the systematic replacement of existing air conditioning units which are failing and non-compliant with the Montreal Protocol which was:

1. ratified in 1989,
2. identified Refrigerant 22 as an ozone depleting agent, and
3. set a timetable for phasing out the refrigerant

Production of air conditioning equipment using Refrigerant 22 has now ceased and production of the refrigerant has been drastically reduced resulting in a much higher cost for R-22 refrigerant. In recognition of the fact that the majority of the City's air conditioning units use R-22 refrigerant, the City Council approved CIP FM1102 in FY2016.

CIP FM1102 calls for the systematic replacement of the City's non-compliant air conditioning units. Since the beginning of this fiscal year the City's Facilities Department has been purchasing and replacing non-compliant and failing air conditioning units with Carrier units purchased through the State's Buyboard cooperative vendor, Carrier South Central out of Houston, which guarantees low competitively bid pricing.

The following table lists the location and status of the unit replacements:

Carrier HVAC Replacement Units

<u>Location of City Facility</u>	<u>In Service Date</u>	<u>Carrier Units Needed</u>	<u>Replacement Status</u>
600 W. Walker - Training Bldg.	2016	2	FY2016 Complete
260 Hwy 270 - EMS Facility (unit failed)	2016	1	FY2016 Complete
260 Hwy 270 - EMS Facility	2004	4	To be ordered in FY2017
1251 League City Pkwy. - Sportsplex (units failed)	2016	2	FY2016 Complete
1251 League City Pkwy. - Sportsplex	1996	1	To be ordered in FY2017
1535 Dickinson - Public Works Bldg. (unit failed)	2000	1	FY 2016 Purchase Pending
1535 Dickinson - Public Works Bldg.	2000	3	To be ordered in FY2017
1535 Dickinson - Sign Shop	2008	2	To be ordered in FY2017
500 W. Walker - City Hall Annex	2001	5	FY2016 Purchase Pending
5321 ½ Candlewood - Water Production Facility	1989	2	FY2016 Purchase Pending
200 W. Walker - Court	n/a	IVUE control unit	FY2016 Purchase Pending
6060 South Shore - Water Tower	2004	2	To be ordered in FY2017
175 Bay Area - Fire Station 4	1995	2	To be ordered in FY2017
3575 Deke Slayton - Fire Station 3	1993	2	To be ordered in FY2017
601 2 nd St. - Fire Station 1	2004	3	To be ordered in FY2017
2898 Bay Creek - Fire Station 5	2004	3	To be ordered in FY2017
1531 Dickinson - Line Repair Bldg.	2005	5	To be ordered in FY2017
Butler Longhorn Museum	2007	8	To be ordered in FY2017
Parks offices at League Park	2003	1	To be ordered in FY2017
Concession stand at Countryside Park	2012	1	To be ordered in FY2017

In addition, to bringing the City into compliance with the Montreal Protocol, these new Carrier units are much more efficient than the noncompliant units. The City should realize sizeable maintenance and operational savings in the coming years as a result of these replacements.

Attachments:

1. Data Sheet
2. Proposed Resolution

FUNDING

{ } NOT APPLICABLE

{X} Funds are available from Account #75-4204-631.52-15 CIP FM 1102 - Facilities Modernization and Energy Efficiency

{ } Requires Budget Amendment to transfer from Account # _____ to Account # _____