

Stephen Giblin <stephen.giblin@brackettisd.net>

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## Elementary School AC-Heating Window Units

1 message

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Stephen Giblin <stephen.giblin@brackettisd.net>

Mon, Apr 13, 2015 at 12:24 PM

To: Kevin Newsom <kevin.newsom@brackettisd.net>, Marla Madrid <marla.madrid@brackettisd.net>

As per previous conversations on this subject, to make the elementary classrooms safe by eliminating the old gas fired ceiling mount heating units and replacing the worn out window a/c units by buying and installing a combination a/c and heating electric window unit. The (2) we installed this past year at a cost of 799.00 each from our state contract with Friedrich are working fine. The problem is Friedrich has discontinued that particular unit. After contacting our Friedrich contract sales representative, we have found a less expensive unit that will do what we need. The details are:

Friedrich model EP18G33B combination cooling and heating window unit that will cover 442 sq. feet of a room.

Cost per unit is 582.00 full freight allowed.

Will need (2) units per classroom

Allowing for the (2) units we have installed and not putting any in room #2 (PLC room that can do without) we need (32) units.

$32 \times 582.00 = 18,624.$

Having (2) per classroom will cover the average 750 sq. ft. of each room and also give us the redundancy of still having a working unit if one fails.

The electrical characteristics of the new units will match our existing and should be an easy installation for maintenance.

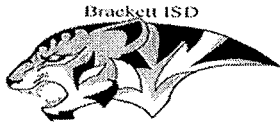
We will store any still working old a/c units for emergency replacement campus wide.

The 582.00 price per unit is firm thru Sept. of this year. But availability will be an issue if we do not place our order now to lock up the units we need. We can place an order now for future shipment on or after July 1.

I like these less expensive units. Their cooling and heating capacities are actually a little more than the higher priced units. These units still have the remote controls but not all the extra whistles and bells that we really do not need.

Let's put all the a/c and heating issues we have had with the elementary behind us and move on this now.

thank you,  
Steve Giblin



Stephen Giblin <[stephen.giblin@brackettisd.net](mailto:stephen.giblin@brackettisd.net)>

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## AC and Furnace Alert

1 message

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**Stephen Giblin** <[stephen.giblin@brackettisd.net](mailto:stephen.giblin@brackettisd.net)>

Thu, Apr 2, 2015 at 9:01 AM

To: Kevin Newsom <[kevin.newsom@brackettisd.net](mailto:kevin.newsom@brackettisd.net)>, Marla Madrid <[marla.madrid@brackettisd.net](mailto:marla.madrid@brackettisd.net)>

To follow up on the upcoming AG shop AC/Furnace change out, Mark Leinweber has not yet sent a formal quote to us because his price will be firm for 45 days only. Knowing that this project will be after July 1, he will send it in to cover the time period. Should be approx. 9,000 if we do that building only.

Our Leinweber guy, Tony, was out to service 2 AC units at the Junior High yesterday; Ms. Meeks and Ms. Berry. They both required expansion valve replacements and additional R-22 freon. While up in the ceiling I had him look at their furnaces also. The Lennox AC/Furnace equipment in the Junior High is also 24 years old like the AG shop. Upon inspection, he found the same furnace problem with these units as the AG shop and condemned both of the units due to the flames that shoot out of the furnaces upon ignition. This rolling flame burns all the control wires and is obviously extremely dangerous. The 24 year old burner assemblies have just outlived their service. Tony anticipates all 7 units in the Junior High to have the same problem due to their age as well.

On the subject of freon; the R-22 that our old units use has been discontinued and is now replaced with the environment safe R-410-a. What is left of the R-22 is now between \$75 and \$100 per pound. The new R-410-a is approx. \$15 per pound. There is no conversion method that would allow our old units to accept the new freon. We have needed as much as 6 lbs. of the R-22 freon on some of the old leaking units last year.

I have asked Leinweber to come up with a proposal to include all of our Junior High units when the AG shop unit is done this summer. There should obviously be a considerable labor and equipment savings on a package deal. These units must go up in the classroom ceilings. This requires removal of the ceiling tiles and the metal grid that holds the tile. Our maintenance dept. can also assist with this to cut into the labor. Between now and the end of school, as the weather heats up, we will do our best with the AC's. This lack of availability of the R-22 and it's very high price will be a problem that will only get much worse. The safety issue of these units is of a very high concern for me.

thank you,  
Steve Giblin  
Maintenance Supervisor  
B.I.S.D.