

# AWARD RECOMMENDATION

QUOTE: 12-Q06/PF      **Repair and Maintenance of Landfill Gas Chiller System**      DATE: November 21, 2011      BUYER: Phil Ford

QUOTE MAILED:	11/01/11	PF	EVALUATION REC'D:	12/12/11	PF
PRE-BID CONF.:	NA	NA	POSTING APPROVED:	N/A	
ADDENDUM #1:	NA	NA	TIME BID POSTED:	N/A	
QUOTE OPENED:	11/22/11	PF	TIME BID REMOVED:	N/A	
DEPT. EVAL:	On file	RS			

TERM: from 12/15/2011 thru 12/14/2012

Item /	BIDDER	Integrated Building Technologies (1P)	Thermo Air, Inc (1S)
<b>1a. Replacement of a compressor with the Authority's onsite spare unit, in the event of a unit failure.</b>			
<b>Total Replacement Cost (Item 1a)</b>		\$ 8,060.00	\$ 6,976.00
<b>1b. Lump sum price to check the freon in the system's refrigeration system on semiannual basis.</b>			
<b>Total Semi-annual Cost (Item 1b)</b>		\$ 376.00	\$ 1,248.00
<b>1c. Annual-General</b> <ul style="list-style-type: none"> <li>• Visually inspect for leaks and report result</li> <li>• Calculate the refrigerant loss rate and report results</li> <li>• Inspect condenser fan clearances and fan mounting brackets</li> <li>• Check set screws on fan shafts</li> <li>• Visually inspect, clean and rinse condenser coils</li> <li>• Grease bearings as required</li> </ul>			
<b>Total Annual – General Cost (Item 1c)</b>		\$ 410.00	\$ 1,010.00

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<p><b>1d. Annual-Controls and Safeties</b></p> <ul style="list-style-type: none"> <li>• Inspect control panel</li> <li>• Inspect all wiring connections for tightness and signs of overheating</li> <li>• Verify working condition of all indicator lights and displays</li> <li>• Check oil pressure safety devices as required, calibrate and record settings</li> <li>• Inspect and test operation of chilled water pumps</li> </ul> <p><b>Total Annual – Control and Safeties Cost (Item 1d)</b></p>	<p>\$ 188.00</p>	<p>\$ 625.00</p>
<p><b>1e. Annual-Lubrication System</b></p> <ul style="list-style-type: none"> <li>• Test oil for acid content and discoloration and make recommendations based on results</li> <li>• Verify operation of the oil heaters</li> </ul> <p><b>Total Annual – Lubrication System Cost (Item 1e)</b></p>	<p>\$ 240.00</p>	<p>\$ 470.00</p>
<p><b>1f. Annual-Motor and Starter</b></p> <ul style="list-style-type: none"> <li>• Clean starter cabinet and starter components</li> <li>• Inspect all wiring connections</li> <li>• Check condition of contacts</li> <li>• Check contacts for free and smooth operation</li> <li>• Check all mechanical linkages for wear, security and clearances</li> <li>• Verify tightness of all terminal connections</li> <li>• Meg motor and record readings</li> <li>• Verify the operation of all electrical interlocks</li> <li>• Measure and record voltage</li> </ul> <p><b>Total Annual – Motor and Starter Cost (Item 1f)</b></p>	<p>\$ 94.00</p>	<p>\$ 1,248.00</p>

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<p><b>1g. Monthly-General</b></p> <ul style="list-style-type: none"> <li>• Inspect/check general operation of the system</li> <li>• Log operating temperatures, pressures, voltages and amperages</li> <li>• Check operation of control circuit</li> <li>• Check operation of lubrication system</li> <li>• Check operation of motor and starter</li> <li>• Analyze recorded data and compare to original design specifications</li> <li>• Review operating procedures with SWA personnel as necessary</li> <li>• Provide written report of completed work, operation log and indicate any deficiencies detected</li> </ul> <p><b>Total Monthly – General Cost (Item 1g)</b></p>	<p style="text-align: center;">\$ 210.00</p>	<p style="text-align: center;">\$ 625.00</p>
<p><b>Total Annual</b></p>	<p>Item 1a \$ 8,060 x 1= 8,060            Item 1b \$ 376 x 2= 252            Item 1c \$ 410 x 1= 410            Item 1d \$ 188 x 1= 188            Item 1e \$ 240 x 1= 240            Item 1F \$ 94 x 1= 94            Item 1g \$ 240 x 12= 2,520</p> <p><b>SWA TOTAL ANNUAL COST: \$ 12,264</b></p>	<p>Item 1a \$ 6,976 x 1= 6,976            Item 1b \$ 1,248 x 2= 2,496            Item 1c \$ 1,010 x 1= 1,010            Item 1d \$ 625 x 1= 625            Item 1e \$ 470 x 1= 470            Item 1F \$ 1,248 x 1= 1,248            Item 1g \$ 625 x 12= 7,500</p> <p><b>SWA TOTAL ANNUAL COST: \$ 20,325</b></p>

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<p>2. The following rates shall be used to price activities that are required in addition to the scheduled services.                      This is for informational purposes only and will not be evaluated for award purposes.</p>		
<b>Job Classification Normal Rate / Hour Overtime</b>		
A. Journeyman HVACR technician	\$ 92 / \$ 138	\$ 100 / \$ 150
B. Apprentice Helper	\$ 82 / \$ 123	\$ 70 / \$ 105
C. Pipe Fitter	\$ 88 / \$ 132	\$ 100 / \$ 150
D. Apprentice Helper	\$ 82 / \$ 123	\$ 70 / \$ 105
E. Journeyman Electrician	\$ 88 / \$ 132	-----
F. Apprentice Helper	\$ 82 / \$ 123	-----
G. Foreman	\$ 92 / \$ 138	\$ 135 / \$ 202
Other: Helder		\$ 110 / \$ 165
Other: Apprentice Helper		\$ 80 / \$ 120
<b>3. Markup for materials Cost</b>	5%	5%
<b>4. Markup for rental equipment Cost</b>	5%	5%
<b>5. Subcontracting Cost</b>	5%	5%

No Bid: None

**KEY (S) FOR RECOMMENDATION:**

- (1P) Recommended award to lowest responsive bidder(s) meeting specifications
- (1S) Recommended award to second lowest responsive bidder(s) meeting specifications
- (2) NO award, not "lowest" responsive responsible bidder