

Proposal

License #:

BOSTON DISTRICT

To: Charles Aspinwall
Town Administrator
Millis Memorial Building
900 Main Street
Millis Ma
Phone: 508-376-7040
Email: caspinwall@millis.net
Model: ALS080A

Date: June 7, 2012
Site Name: Veterans Memorial Building
Description: *Replace compressor with main bearing damage*

Proposal #: SR-TCB060712A

McQuay Factory Service respectfully submits the following solution for your review and approval:
We will provide labor and materials to perform the following:

- Isolate and remove damaged compressor.
- Supply & install manufacturer's replacement compressor
- Provide refrigerant test to calculate oil requirements.
- Supply and install required oil charge determined from oil calculation testing
- Up-date software to latest version for A vintage screw
- Provide service kit for compressor connections
- Provide all rigging required for installation.
- Evacuate and return recovered gas and provide leak test on chiller
- Start and test operation of compressor.
- Take and record snapshot of operating conditions including configuration and EXV positioning.
- Provide snapshot of superheat tracking and alarm setpoints
- Discuss operation with owner.

Feel free to contact me if you have any questions or concerns regarding the information contained in this proposal. If you would like us to proceed with the solution presented above, sign the acceptance line below (including PO# if applicable) and return a copy by fax or mail so that we can begin to mobilize our efforts to complete the project as quickly as possible. We appreciate the opportunity to provide you with this solution and look forward to working with you on this and other projects in the future.

Sincerely,
McQuay Factory Service

Thomas Burke
Service Sales Engineer
Ph: 781-793-7823 ext.106
Fax: 781-793-7827
Email: tom.burke@mcquay.com

Boston Service
6 Merchant Street, Unit 1
Sharon, MA 02067
Phone (781) 793-7823
Fax (781) 793-7827

Proposal

Oil Return Problem



BOSTON DISTRICT

Exceptions/Exclusions:

This proposal expires on: **July 7, 2012**

Investment Amount and Billing Terms:

<i>Total Investment Required to Implement the Proposed Solution</i>	
\$26,225.00	<i>Twenty Six Thousand, Two Hundred and Twenty Five Dollars...00/100</i>

Billing/Payment Terms*:

Billed In full, upon completion

*All billings are due immediately upon receipt

Pricing and acceptance are based upon the Terms and Conditions which are attached.

This proposal is being submitted by McQuay International (hereinafter also referred to as "McQuay Factory Service").

Accepted By:

Submitted By:

Millis Memorial Building

McQuay Factory Service

Charles Aspinwall

Thomas Burke

(Full Legal Name of Customer)

(Full Legal Name of McQuay Factory Service Representative)

(Signature)

(Signature)

Town Administrator

Service Sales Engineer

(Title)

(Title)

Date: _____

Date: June 7, 2012

Customer PO # :

Proposal # SR-TCB060712A

Boston Service
6 Merchant Street, Unit 1
Sharon, MA 02067
Phone (781) 793-7823
Fax (781) 793-7827



Proposal

License #:

BOSTON DISTRICT

To: Charles Aspinwall
 Town Administrator
 Millis Memorial Building
 900 Main Street
 Millis Ma
 Phone: 508-376-7040
 Email: caspinwall@millis.net
 Model: ALS080A

Date: June 7, 2012
 Site Name: Veterans Memorial Building
 Description: *Replace Compressor with CEK & Starter Upgrade*

Proposal #: SR-TCB060712B

McQuay Factory Service respectfully submits the following solution for your review and approval:

We will provide labor and materials to perform the following:

- Isolate and remove damaged compressor.
- Supply & install manufacturer's replacement compressor
- Supply and install new solid state starter.
- Supply and install CEK Oil Injection Kit.
- Provide refrigerant test to calculate oil requirements.
- Supply and install required oil charge determined from oil calculation testing
- Up-date software to latest version for A vintage screw
- Provide service kit for compressor connections
- Provide all rigging required for installation.
- Evacuate and return recovered gas and provide leak test on chiller
- Start and test operation of compressor.
- Take and record snapshot of operating conditions including configuration and EXV positioning.
- Provide snapshot of superheat tracking and alarm setpoints
- Discuss operation with owner.

Feel free to contact me if you have any questions or concerns regarding the information contained in this proposal. If you would like us to proceed with the solution presented above, sign the acceptance line below (including PO# if applicable) and return a copy by fax or mail so that we can begin to mobilize our efforts to complete the project as quickly as possible. We appreciate the opportunity to provide you with this solution and look forward to working with you on this and other projects in the future.

Sincerely,
 McQuay Factory Service

Thomas Burke,
 Service Sales Engineer
 Ph: 781-793-7823 ext.106
 Fax: 781-793-7827
 Email: tom.burke@mcquay.com

Boston Service
 6 Merchant Street; Unit 1
 Sharon, MA 02067
 Phone (781) 793-7823
 Fax (781) 793-7827

Proposal



BOSTON DISTRICT

Exceptions/Exclusions:

This proposal expires on: **July 7, 2012**

Investment Amount and Billing Terms:

<i>Total Investment Required to Implement the Proposed Solution</i>	
\$45,656.00	<i>Twenty-Two Thousand, Seven Hundred and Fifty-Two Dollars...00/100</i>

Billing/Payment Terms*:

Billed in full, upon completion

*All billings are due immediately upon receipt

Pricing and acceptance are based upon the Terms and Conditions which are attached.

This proposal is being submitted by McQuay International (hereinafter also referred to as "McQuay Factory Service").

Accepted By:

Mills Memorial Building

Charles Aspinwall

(Full Legal Name of Customer)

(Signature)

Town Administrator

(Title)

Date: _____

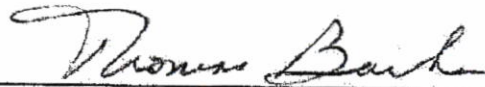
Customer PO # :

Submitted By:

McQuay Factory Service

Thomas Burke

(Full Legal Name of McQuay Factory Service Representative)



(Signature)

Service Sales Engineer

(Title)

Date: **June 7, 2012**

Proposal # SR-TCB060712B

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Jennifer,

The difference between the two proposes is "A" is strictly replacing the chiller compressor which is an one to one replacement. Option "B" replacing the compressor and adds an compressor oil injection kit which helps protect the chiller during periods of low AC loads and starting /stopping the compressors. (spring & Fall)

Option "B" cost is about 75% greater than option "A". The chiller is about 15 years old with maybe 10 years of service life left.

Option "B" equates to about \$2,000 per year more for 10 years over option "A".

Given a new chiller is over \$100,000.00 I would recommend Option "B" this would help prevent further compressor failures.

Todd M Mason P.E.
MTE Engineering LLC
781-329-7700
