

Over and Above Estimate

Region: 4

Location: NY010

CSS #: 16621

Maximo Work Order No.: 6831

Asset #: NA

Date: 12/10/2018

Original Description:

Air separator for building heating system is leaking excessive water and needs to be replaced. The entire system needs to be drained and refilled for this repair. Urgent request. Recommended vendor is Greater Niagara Mechanical.

Repairs Needed:

Labor and materials to a.) Drain Building Hot water heating system to remove Leaky Air separator b.) Disconnect Piping from Leaky Air Separator c.) Use lift to lower Separator from ceiling in basement mechanical room d.) Supply and install new 4" flanged Air separator e.) Reconnect piping to separator f.) Fill system with water g.) Run pumps and bleed air from system h.) Verify operation

RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
--	NA	Labor/Truck	50	\$86.52	--	--	\$4,326.00
--	NA	Air Separator B&G R-4F with Strainer and floor skirt	--	--	\$1,650.00	--	\$1,650.00
--	NA	4" Pipe and Fittings	--	--	\$274.00	--	\$274.00
--	NA	Lift	--	--	--	\$200.00	\$200.00
--	NA	Diagnostic Fee (see attached invoice for backup)	--	--	--	--	\$232.72
--	NA	CMI Coordination and Site/Task Oversight	5	\$80.00	--	--	\$400.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
55	\$4,958.72	\$1,924.00	\$200.00	\$7,082.72	102%	\$7,224.37

*Service charge covers expense of truck, tools, and sundries.



GREATER NIAGARA MECHANICAL, INCORPORATED

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November 28, 2018

Quote # 18-441

Niagara Falls Army Reserve Center
Niagara Falls Air Base
Niagara Falls, NY 14304

RE: AMHERST USARC (NY010) REPLACE 4" AIR SEPERATOR IN BASEMENT

We, at Greater Niagara Mechanical, Inc., are pleased to offer the following scope of work and pricing for your review:

Scope:

- Drain Building Hot water heating system to remove Leaky Air separator
- Disconnect Piping from Leaky Air Separator
- Use lift to lower Separator from ceiling in basement mechanical room
- Supply and install new 4" flanged Air separator
- Reconnect piping to separator
- Fill system with water
- Run pumps and bleed air from system
- Verify operation

Materials.....\$2,124.00

Air Separator B&G R-4F with Strainer and floor skirt - \$1,650

4" Pipe and Fittings - \$274

Lift - \$200

Labor/Truck.....\$4,326.00 (50 Hrs at \$86.52/hr)

All of the above for.....\$6,450.00

HVAC Exclusions

- Shift or premium time
- Tax
- Anything not covered in above scope

Thank you for the opportunity to quote the above mentioned project! Please feel free to contact us with any questions.

Sincerely,

Christopher Sembert
Greater Niagara Mechanical

