

C. A. CROWLEY ENGINEERING, INC.
645 County Street
Taunton, MA 02780

1st Round
of Bids
No Bidders

TO ALL BIDDERS:

DATE: December 7, 2021

PROJECT NAME: New Bedford Housing Authority
Tripp Towers 667-2
Selected Upgrade of Sprinkler System
DHCD Project No. 205234

Addendum No. 2

This addendum shall become a part of the Contract Documents and as such all bidders should acknowledge it on the Form for General Bid. Failure to do so may result in the rejection of your bid.

ADVISORY

The crawl space is considered a confined space.

PROJECT MANUAL:

SECTION 21 00 00 – FIRE SUPPRESSION

CHANGE paragraph 2.5(A) to read as follows:

- A. All sprinklers in non-residential areas (offices, lobby, community room, trash rooms, kitchen, etc.) shall be of a type to match the existing and shall have discharge characteristics as per NFPA 13. All sprinklers in residential areas (apartments, corridors, etc.) shall be residential style sprinklers. Sprinklers shall be U.L. Listed and shall be rated for a maximum working pressure of 175 psi.

PROJECT DRAWINGS:

NO CHANGES

BIDDERS' QUESTIONS:

- Q1. Who will run pump tests?
 - A1. The General Contractor (GC) is responsible for all pump tests.
- Q2. Are the sprinkler heads in the stair towers being replaced?
 - A2. Yes.

pumps, hoses, etc.). Drainage and disposal shall be done in a legal manner which does not create a hazard.

Q10. Is the existing fire protection water supply metered, and if so, will the contractor be back-charged for the water usage?

A10. No, the fire water supply is not metered. The contractor is required to perform the work in a manner which conserves water.

Q11. Will accommodations be made for temporary staging of materials (Conex Box/Job Trailer Work Vehicles)?

A11. Accommodations will be made for on-site storage. Size and location of the trailer(s) to be coordinated with the Owner. Contractors are required to park work vehicles on the street as specified in Section 015000-1.13.

Q12. Please confirm that protection of surfaces and securing of furniture will be provided by the respective residents or employees of the NBHA.

A12. No, see specification section 015000-1.17(A).

Q13. Please advise if a recent fire pump flow test was conducted for the existing fire pump, and if so, can the results of the test be made available to the prospective bidders?

A13. Yes, see attached test reports.

Q14. Please advise if a recent internal inspection of the wet sprinkler system has been conducted, and if so, can the result of the test be made available to the prospective bidders?

A14. We have no evidence of a recent internal inspection.

Q15. Is there an electrical disconnect for the fire pump power in the building?

A15. Yes.

Q16. Is there an official 'Contract Time in days to complete in this project? (Bonding company request)

A16. Yes, see specification section 011100-1.2(A).

Q17. Is there a liquidated damages clause in the contract? (Bonding company request)

A17. Yes, see specification section 020001-3.

Q27. Please provide a copy of the recent asbestos testing.

A27. See attached test report.

Q28. Please confirm that the sprinkler heads in the stairwell will be replaced/included in the pricing.

A28. Yes, sprinklers in the stairwells are to be replaced.

Q29. Please confirm that the replacement of all escutcheon plates in the common room area on the 10th floor should be included in the pricing.

A29. Yes, escutcheons in the 10th floor community room are to be replaced. See specification section 210000-2.5(E).

END of Addendum No. 1

ANALYTICAL RESULTS



Asbestos Identification Laboratory

165U New Boston St., Ste 271

Woburn, MA. 01801

Bulk Asbestos Analysis by Polarized Light Microscopy

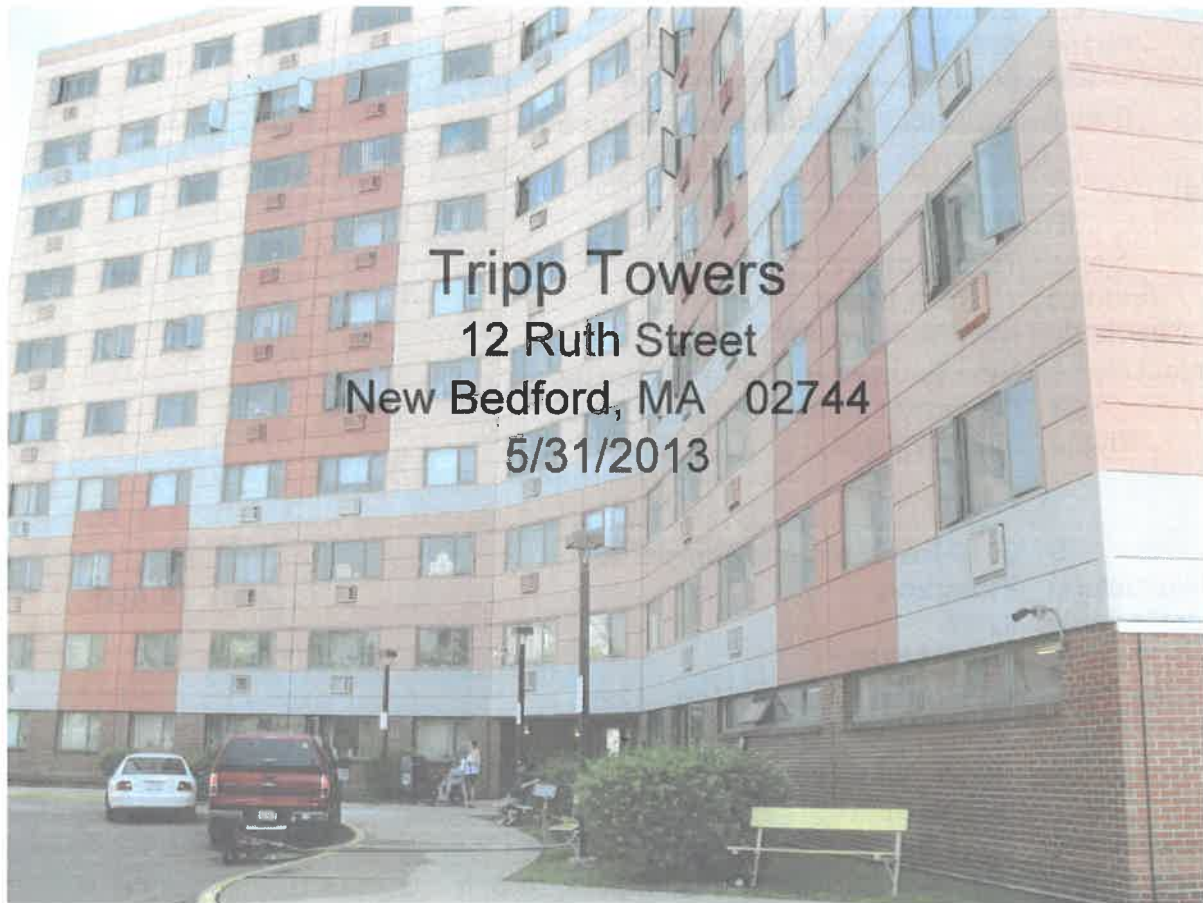
EPA Method: 600/R-93/116

NVLAP[®]
Lab Code: 200919-01

Results Table

Sample ID	Lab ID	Material	Sample Location	Analytical Results
061515-01A	46180	Wall Material	9th Floor Janitors Closet	No Asbestos Detected
061512-02A	46181	Ceiling Material	9th Floor Janitors Closet	No Asbestos Detected
061512-03A	46182	Wall Material	6th Floor Janitors Closet	No Asbestos Detected
061512-04A	46183	(Popcorn) Ceiling	6th Floor Janitors Closet	No Asbestos Detected
061512-05A	46184	Wall Material	3rd Floor Janitors Closet	No Asbestos Detected
061512-06A	46185	(Popcorn) Ceiling	3rd Floor Janitors Closet	No Asbestos Detected

Fire Pump Test Report



Tripp Towers
12 Ruth Street
New Bedford, MA 02744
5/31/2013

Conducted by:
The Fire Pump Testing Company
11 Varney Street
Jamaica Plain, MA 02130-4109
Tel.: 617-971-0700 Fax.: 617-524-7171
www.thefirepumptestingcompany.com
FGOL

FIRE PUMP TEST REPORT

Tripp Towers

Electric Driver

Manufacturer: **Lincoln (Exist)** Label: **UL/FM**
Model Number: **TV-2731A1**
Serial Number: **1472010**
Horsepower: **50** RPM: **1770** AMP: **144**
Volts: **200** Service Factor: **1.15** Frame: **326TS**

Pump Controller

Manufacturer: **Firetrol (Exist)** Label: **UL/FM**
Model Number: **FTA1500A-A50H**
Serial Number: **101049**
On Pressure: **75 psi** Off Pressure: **psi** Run Timer: **6 mins**
AutoTest Freq: **N/A** Auto Test On: Auto Test Off:

Jockey Pump

Manufacturer: **Deming (Exist)** Label: **UL**
Model Number: **6602**
Serial Number: **373-15T**
Horsepower: **1.50** RPM: **3450** Flow: **15 gpm**
Pressure: **70 psi** Suction Diam: **1.50 in** Discharge Diam: **1.00 in**

Jockey Pump Controller

Manufacturer: **Firetrol (Exist)** Label: **UL/FM**
Model Number: **FTA500A-D03H**
Serial Number: **101134**
On Pressure: **100 psi** Off Pressure: **125 psi**

Relief Valve(s)

	Manufacturer	Size	Pressure
Pump Casing -	ClaVal 55L	0.75 in	150 psi
Jockey Casing -	None	in	psi

Transfer Switch

Serial Number: **902412-01RE**
Model Number: **FTA902-AL260H**
Manufacturer: **Firetrol (New)**
Emergency power Source: **Exterior GenSet**
Transfer Time: **10 secs**
Location: **Fire Pump Room (Type 2)**

Factory Curve

Flow:	1,000	1,500	gpm
Pressure:	65.0	55.0	38.0

FIRE PUMP TEST REPORT

Tripp Towers

Gauges & Meters

	Type	Calibration Date
Pressure Gauges:	Ashcroft DuraGauge Gr. 2A	3/21/2313
Volt Meter:	Fluke 335RMS NIST	3/30/2312
Amp Probe:	Fluke 335RMS NIST	3/30/2312
Tachometer:	Monarch PLT200	10/28/2312

FIRE PUMP TEST REPORT

Tripp Towers

side of the alarm checkvalve. Regardless, pressure switch settings should be adjusted to comply with NFPA #20. For a pump that churns 154 PSI, the jockey should be maintaining a shutoff/system pressure of 155-160 PSI. Start pressure should be 10-15 PSI below that and fire pump start and stop pressures 10 PSI below respectively. Other abnormalities exist such as there's a running period timer enabled in the controller and pump running appears to signal alarm.

Alarms were put back into service by the Alarm Tech at approximately 10:30.

The Transfer switch should be tested every three years and this involves almost a double test. Time and personell should be scheduled for this as access to the disconnect and generator are required.

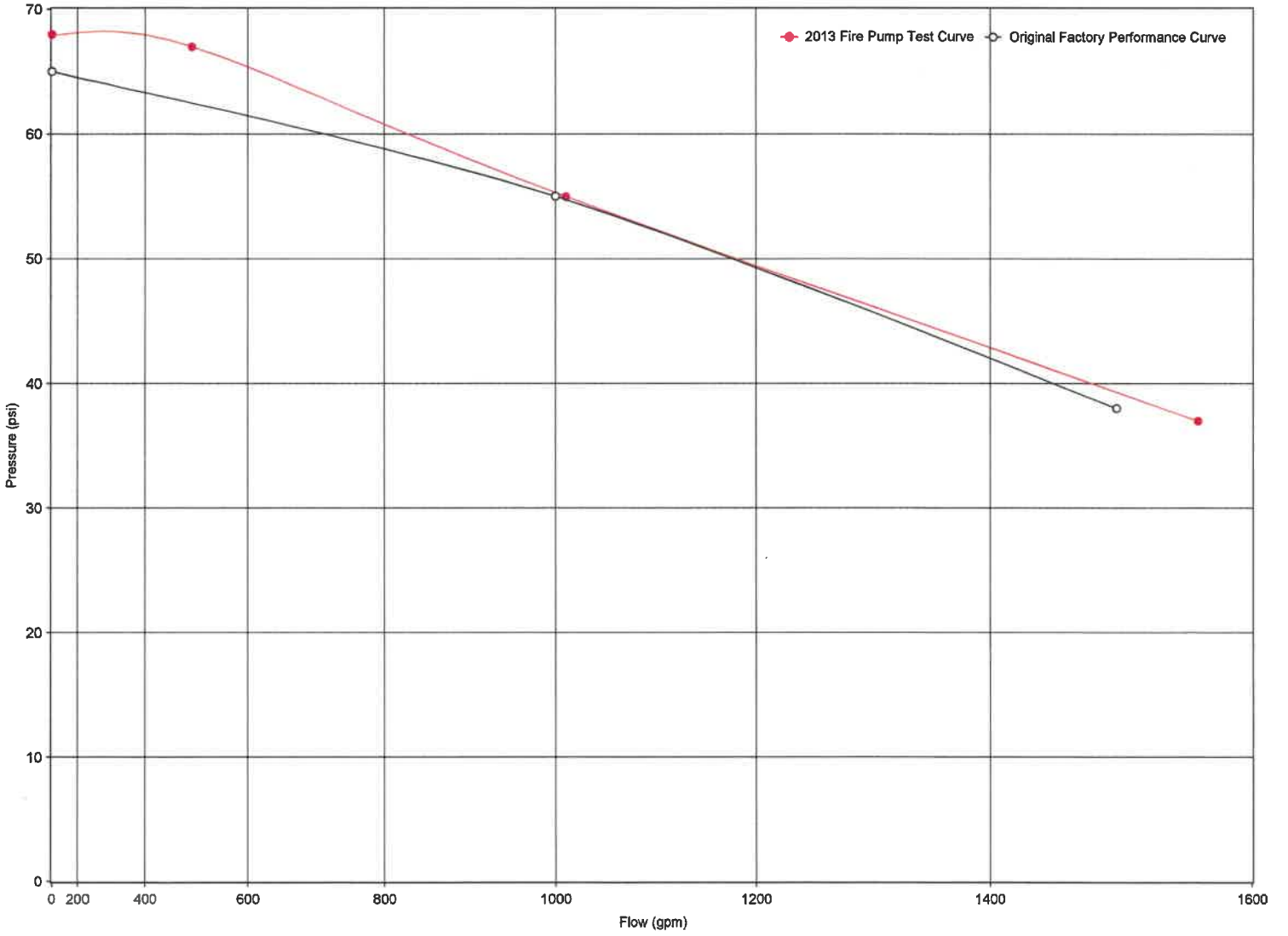
Good Test.

Flow Points

Flow Point # 2					Flow Point # 3					Flow Point # 4				
Noz #	Size inch	Coef	Pitot psi	Flow gpm	Noz #	Size inch	Coef	Pitot psi	Flow gpm	Noz #	Size inch	Coef	Pitot psi	Flow gpm
1	1.750		22.0	500	1	1.750		22.0	500	1	1.750		20.0	477
2	1.750		0.0	0	2	1.750		23.0	511	2	1.750		22.0	500
3	1.750		0.0	0	3	1.750		0.0	0	3	1.750		30.0	584
4	1.750		0.0	0	4	1.750		0.0	0	4	1.750		0.0	0
5	1.750		0.0	0	5	1.750		0.0	0	5	1.750		0.0	0
6	1.750		0.0	0	6	1.750		0.0	0	6	1.750		0.0	0
7	1.750		0.0	0	7	1.750		0.0	0	7	1.750		0.0	0
8	1.750		0.0	0	8	1.750		0.0	0	8	1.750		0.0	0



Tripp Towers - 5/31/2013
2013 Replacement Pump End





FIRE SYSTEMS INC.
 955 REED RD, N. DARTMOUTH, MA 02747
 PHONE (508)999-4444 • FAX (508)996-2828

FULL FLOW FIRE PUMP CAPACITY TEST

PUMP LOCATION:
 New Bedford Hotel
 New Bedford Housing Authority
 725 Pleasant Street
 New Bedford, MA

TEST DATE: 7/15/19
PUMP TYPE: Patterson
INSPECTOR: Thomas Whalen

