



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 15, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
Northern Plasterwork  
FIREPROOFING  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **FIREPROOFING** contract for subject project to Northern Plasterwork for the total amount of **Sixteen Thousand Nine Hundred Dollars and 0.00/100 (\$16,900.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction - Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

Capt. William Breault

1/15/15

Date

Trade:	Division #7	HCC Budget	Co. Contact:	Northern Plasterwork	Co. Contact:	NE FIREPROOFING
Spec. Sections:	78100		Phone:	802-234-9843	Phone:	207-669-9090
Scope Check List				12/19/2014		12/18/2014
Base Bid						
	POLICE STATION	\$ 15,150		\$ 14,900		\$ 31,370
	Misc Patching Allowance	\$ 2,000		2,000		\$ 2,000
	100% Payment & Performance Bond					
Documents	Dover Police Facility and Public Parking Garage Vol #1, dated November 17, 2014.					
	Dover Police Facility and Public Parking Garage Vol #2, dated November 17, 2014.					
	Dover Police Facility and Public Parking Garage - Site Development Plans 6/30/14					
	Orchard Street Reconstruction - Subdivision Plans June 2014					
	Dover Police Facility and Public Parking Garage - Site Landscape Plan 6/25/14					
	Specifications: Dover Police Facility and Public Parking Garage, Dover New Hampshire, dated November 17, 2014.					
	City of Dover Department of Public Works - Current Specs					
RFT's	State of New Hampshire DOT Specs					
	1 to 11					
Addendum	RFI #12 - Issued 12/18/14 Post Bid Review					
	1 & 2					
SCHEDULE	Per HCC Project Schedule dated 12/10/14					
SITE	Review of Site Constraints					
	Laydown at RR Station less than 1 mile away.					
POLICE	1 Hr Spray Fireproofing to Structural Frame at Elevator & stair					
	Stair A					
	Stair B					
	Elevator Shaft					
Exclusions	Temp Heat by Others					
	Temp Enclosures					
	Water, elec, or Dumpster Fees					
	Protection					
	Testing					
	Patching by Allowance only					
<b>Total</b>		\$ 17,150		\$ 16,900		\$ 33,370

**NORTHERN PLASTERWORK  
P.O. BOX 344  
Bethel, Vermont 05032  
(802) 234-9843  
(802) 234-6242 Fax**

December 19, 2014

Harvey Construction Corp.  
10 Harvey Road  
Bedford, New Hampshire 03110

**TO:** Joe Pollock  
Project Estimator

**FROM:** James A. Calabro  
President

**PROJECT:** Dover Policy Facility  
Dover, New Hampshire

**SUBJECT:** Cost proposal for the installation of the Sprayed-Applied Fireproofing §078100 at the above referenced project.

**SCOPE OF WORK:** Northern Plasterwork will provide labor, material, and equipment for the installation of the Sprayed-Applied Fireproofing as per the plans, specifications, addenda (2) and other information issued by Lavallo/Brensinger Architects of Manchester, New Hampshire, Harvey Construction Corp. and the conditions and exclusions of this Northern Plasterwork cost proposal.

The Spray-Applied Fireproofing shall be Cafco Blaze Shield II, a regular density material manufactured by Isolatek International of Stanhope, New Jersey.

The Spray-Applied Fireproof Materials shall be installed as per the manufacturer's specifications, in accordance with the applicable U. L. Designs to achieve a one (1) hour fire resistive rating.

The installation of the Spray-Applied Fireproofing shall be limited to the structural steel beams, braces, and columns supporting Stair #A (between column lines C-D and 5-6) and Stair #B (between column lines C-D and 5-6).

**SCOPE OF WORK:** The following steel components that support Stair #A, Stair #B, and elevator shaft shall be protected with Spray-Applied Fireproofing:

**Beams**

All beams located at Level 1, Level 2, and the Roof Level, including the Penthouse that are supporting the stairs and elevator shaft.

**Braces**

All tube steel that comprise Braces F, J.

**Columns**

The tube steel columns located at the following column lines:

- C-1; C-2; C-5; C-6
- D-1; D-2; D-5; D-5.2; D-6

**NOTES:**

All unsuitable substrates shall be corrected and made suitable by the general contractor prior to the installation of the sprayed fireproofing materials.

All floor areas where the application of the spray fireproof material will be installed shall be cleaned of all debris, equipment, and materials prior to such installation.

All ductwork and piping shall not be in place prior to the installation of the spray fireproofing, however if any ductwork and piping is installed prior to the spray fireproofing they shall be covered and cleaned by the installer of such item, and they shall not impede the production of the spray fireproof installation.

One mobilization is included within this cost proposal.

EXCLUSIONS: Northern Plasterwork expressly excludes from this cost proposal and scope of work the following:

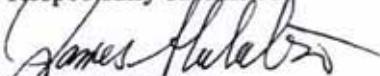
- The provision, installation, and maintenance of the necessary temporary heat to maintain the required substrate and ambient air temperatures as require by the manufacturer;
- The provision, installation, and maintenance of any and all enclosures necessary to maintain the temperatures required by the manufacturer;
- The provision, installation, and maintenance of the required ventilation for the proper drying of the spray fireproofing (a minimum of 4 complete air exchanges per hour is required until the material is dry);
- The provision of potable water, electricity, and dumpster service;
- The protection of the newly installed spray fireproofing from damage caused by other trades, or from conditions that may result in damage to the installed fireproofing;
- The provision of the fireproofing testing agency and the cost for such services;
- The patching of any and all damaged applied fireproofing;
- The provision and installation of any and all fireproofing materials not specifically mentioned above within the scope of work.

\*All costs associated with the aforementioned exclusions shall be borne Harvey Construction Corp., Inc., not Northern Plasterwork.

COSTS: Northern Plasterwork will provide the abovementioned scope of work, noting the exclusions, for the following cost .....

..... \$ 14,900.00

Respectfully submitted,



James A. Calabro  
President



Harvey Construction Corporation  
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Bedford, NH 03110  
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www.harveyconstruction.com

January 23, 2015

**Capt. William Breault  
Dover Police Department  
Field Operations Division  
Dover, NH Police Department**

RE: Recommendation of Award  
**Donnegan Systems, Inc.**  
**METAL LOCKERS/MOVEABLE STORAGE SHELVING**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **METAL LOCKERS/MOVEABLE STORAGE SHELVING** contract for subject project to **Donnegan Systems, Inc.** for the total amount of **One Hundred Eighty Four Thousand Seven Hundred Dollars and 0.00/100 (\$184,000.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction - Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

  
**Capt. William Breault**

1/28/15  
Date

Harvey Construction  
Job: DOVER PD/PARKING GARAGE

Trade: LOCKERS  
Division #10  
Spec. Sections: 10 51 00, 10 56 26

Scope Check List  
Base Bid

Documents

RFI's

Addendum

SCHEDULE

Scope  
Spacesaver Freestyle Lockers - Locker Rooms & Break Rm 117  
Evidence Lockers  
Mobile Evidence Storage System  
Handgun Lockers

Exclusions

Total

Co. Contact: Phone: 508-320-7166  
12/19/2014

Co. Contact: Phone: 207-627-6905  
12/19/2014

HCC Budget

\$ 147,058  
\$ 104,000

\$ 6,410  
\$ 24,489  
\$ 23,389  
\$ 1,900

\$ 203,248

\$ 164,000

\$ 94,637

Alternates  
(NOT USED)  
SUN SHADES  
(Garage Lower Level - PD Oversize Vehicle Parking Foundation Modification)  
(EOC Audio Video Enhancement)  
(Site Lighting - Adjacent City Parking Lot)  
(Lobby Wall Paneling)  
Safety Padding  
Deduct the cost of permits and fees imposed by the City of Dover

Value Engineering

Co. Contact: Phone: 207-627-6905  
12/19/2014

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12/19/2014

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# Pricing

Donnegan Systems Inc. P:800-222-6311  
 170 Bartlett Street F:508-393-5601  
 Northboro MA 01532 [www.donnegan.com](http://www.donnegan.com)  
 Spacesaver N.E. Authorized Area Contractor

QUOTE DATE: 11/4/14  
 QUOTE #: 110414Mw3  
 LEAD TIME: 8-14 WKS

Customer: Harvey Construction Dept.: Public Safety and Military Sales  
 Name: Dover Police Department Rep: Mark Wencis  
 Address: Email: [mwencis@donnegan.com](mailto:mwencis@donnegan.com)  
 City: State: Zip: Phone: 800-222-6311 x314  
 Phone: Fax: 508-393-5601  
 Email:

Ship to address: Same as above Type:

Qty	Description	TOTAL
<b>Dover NH Police Department Budgetary Section 10 Pricing</b>		
<b>Mfr: Spacesaver/Spacesaver DSM</b>		
<b>Spacesaver Freestyle Lockers</b> - Including all electrical and install. Power feed tie-in.		
	<u>Men's Locker Rm 031</u>	
60	90h x 24 x 24 Shelf w/hanger rod / Hasp lock	
3	90h x 18 x 24 Bench and drawer	
	(1) Duplex receptacle w/plug and play components	
	<u>Women's Locker Rm 037</u>	
16	90h x 24 x 24 Interior lockable drawer	
8	90h x 18 x 24 Slope tops	
	Adjustable 3 hook bracket	
<b>Evidence Spacesaver DSM Lockers - Evidence Receiving 005</b>		
1	ED3P41MS - RSD4 Unit includes refrig. insert	Non-Standard Model
1	ED3P61	Non-Standard Model
1	ED3P66	Non-Standard Model
<b>Bulk Evidence 010 - Spacesaver Mechanical Assist Mobile Shelving System</b>		
1	System includes deck and rail. System per drawings.	Assuming deck covering provided by flooring Contractor to match facility.
6	<b>Break Rm 117 - Spacesaver Freestyle Lockers</b>	
	2 - Tier , 72H x 12W x 24D Includes 4"ba	
3	<b>Handgun Locker - Spacesaver DSM</b>	
	Model: EDHGS04	

Change 8 90Hx18x24 lockers in women's locker room to 6 90hx24x24. (total women's lockers being 22 all the same size)  
 WB 1/28/2015

**NOTE:**  
 Standard number tags included.  
 All Spacesaver products.  
 Standard paint color pricing.  
 Add 5% for premium paint.

Terms and Conditions:  
 \* All installation work is performed by insured, bonded and factory trained system installers which assures high quality workmanship and accountability. Donnegan Systems, Inc. will coordinate field measurements and installation with your schedule.  
 \* Includes offloading, inside delivery to jobsite, installation @ standard wage rate, during normal business hours.  
 \* Pricing based on standard trim and standard colors. Customer trim and colors are an upcharge. Will review trim and colors during submittals.  
 \* Bid bond not included in pricing. Can be added if requested.

Product	Included
Shipping	Included
Install	Included
<b>TOTAL</b>	<b>\$184,000.00</b>

*To Place order, please sign, and fax this page to (508) 393 5601 Attn. Mark Wencis*

Acceptance



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 26, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**Multi-Media Specialists, Inc.**  
**AUDIO VISUAL SYSTEMS**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **AUDIO VISUAL SYSTEMS** contract for subject project to **Multi-Media Specialists, Inc.** for the total amount of **One Hundred Thirty Seven Thousand Ten Dollars and 0.00/100 (\$137,010.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

The following ADD alternates have been included with this recommendation:

- EOC Enhancement Alternate: \$21,290.00

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

**Capt. William Breault**

1/26/15  
Date

Harvey Construction  
 Job: **DOVER PD/PARKING GARAGE**  
 Bid Date: **12/19/2014**

Trade:	Co. MMS	Headlight AV	Co. MTS Services
Audio Visual Systems Division #27 41 00	Contact: Marc Houle Phone: 603-623-4566	Contact: Chris Roma Phone: 207-774-5998	Contact: Frank Cantwell Phone: 845-1109
Spec. Sections:	REVISIED 1/23/2015		
Scope Check List Base Bid			
Police Facility 100% Payment & Performance Bond	\$ 115,720	NO BID	NO BID
Documents			
Dover Police Facility and Public Parking Garage Vol #1, dated November 17, 2014.			
Dover Police Facility and Public Parking Garage Vol #2, dated November 17, 2014.			
Dover Police Facility and Public Parking Garage – Site Development Plans 6/30/14			
Orchard Street Reconstruction – Subdivision Plans, June 2014			
Dover Police Facility and Public Parking Garage – Site Landscape Plan 6/25/14			
Specifications: Dover Police Facility and Public Parking Garage, Dover New Hampshire, dated November 17, 2014			
City of Dover Department of Public Works – Current Specs			
State of New Hampshire DOT Specs			
RFI's			
1 to 11			
RFI #12 - Issued 12/18/14 Post Bid Review			
RFI #11 # 5/6/8 7: HCC Clarification 12/18/14			
Addendum			
1 & 2			
Scope			
Furnish and Install AV per plans			
Conduits and Raceways by electrical			
ADD ENHANCED EOC ALTERNATE	\$ 21,290		
<b>Total</b>	<b>\$ 137,010</b>	<b>NO BID</b>	<b>NO BID</b>

HCC Budget  
**\$ 175,000**



Dover Police Department - New Building - Dover, NH  
Physical Agility and Defense Tactics Rooms 034 and 035

Qty	Part #	Manufacture	Description	Price	Total
			<b>Video Display Equipment</b>		
2	E554	NEC	55"LED LCD Public display monitor w/tuner incl. std - Black	\$ 1,399.00	\$ 2,798.00
2	LTMU	Chief Mfg	LARGE, FIXED, HEIGHT ADJ., STATIC MOUNT	\$ 239.00	\$ 478.00
			<b>Video Equipment</b>		
4	40385	C2G	HDMI Digital Pass-Through Wall Plate	\$ 49.00	\$ 196.00
4	37091	C2G	Decorative HD15 VGA + 3.5mm Insert - White	\$ 20.00	\$ 80.00
			<b>Connectivity and Interfacing Equipment</b>		
2	26-566-02	Extron	Micro VGA cable w/audio 6'	\$ 60.00	\$ 120.00
2	26-566-03	Extron	Micro VGA cable w/audio 12'	\$ 60.00	\$ 120.00
2	C-HM/HM-ETH - 6	Kramer	HDMI (M) to HDMI (M) Cable - 6'	\$ 36.00	\$ 72.00
2	C-HM/HM-ETH - 10	Kramer	HDMI (M) to HDMI (M) Cable - 10'	\$ 42.00	\$ 84.00
			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 150.00	\$ 150.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 300.00	\$ 300.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 100.00	\$ 100.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 1,200.00	\$ 1,200.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 240.00	\$ 240.00
			<b>Subtotal</b>		<b>\$ 5,938.00</b>

Dover Police Department - New Building - Dover, NH  
Break Out Room 104

Qty	Part #	Manufacture	Description	Price	Total
			<b>Video Display Equipment</b>		
1	E554	NEC	55"LED LCD Public display monitor w/tuner incl. std - Black	\$ 1,399.00	\$ 1,399.00
1	LTMU	Chief Mfg	LARGE, FIXED, HEIGHT ADJ., STATIC MOUNT	\$ 239.00	\$ 239.00
			<b>Video Equipment</b>		
1	DM-RMC-Scaler-C	Crestron	DigitalMedia 8G+™ Receiver & Room Controller w/Scaler	\$ 840.00	\$ 840.00
1	DM-TX-200-C-2G	Crestron	Wall Plate DigitalMedia 8G+™ Transmitter 200	\$ 840.00	\$ 840.00
1	PW-2420RU	Crestron	Power Pack, Desktop 24VDC, 2A, 50 Watts	\$ 150.00	\$ 150.00
1	2029286	Crestron	Metal, Support Bracket, for 50W power supply	\$ 40.00	\$ 40.00
			<b>Connectivity and Interfacing Equipment</b>		
1	26-566-03	Extron	Micro VGA cable w/audio 12'	\$ 60.00	\$ 60.00
1	C-HM/HM-ETH - 6	Kramer	HDMI (M) to HDMI (M) Cable - 6'	\$ 36.00	\$ 36.00
1	C-HM/HM-ETH - 10	Kramer	HDMI (M) to HDMI (M) Cable - 10'	\$ 42.00	\$ 42.00
			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 600.00	\$ 600.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 300.00	\$ 300.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 200.00	\$ 200.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 1,200.00	\$ 1,200.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 180.00	\$ 180.00
			<b>Subtotal</b>		<b>\$ 6,126.00</b>

Dover Police Department - New Building - Dover, NH  
EOC / Training Room 106

Qty	Part #	Manufacture	Description	Price	Total
<b>Miscellaneous Equipment</b>					
1	DWR-35-26PD	Middle Atlantic	14 SPACE ROTATING SLIDING RAIL SYSTEM, 250 LB. CAPACITY	\$ 1,195.00	\$ 1,195.00
1	RSHA2S-BDPS3200	Middle Atlantic	Custom Rack Shelf for DVD Player	\$ 119.00	\$ 119.00
1	U2	Middle Atlantic	2SP RACKSHELF for cable tuner	\$ 45.00	\$ 45.00
10	EB1	Middle Atlantic	1 Space blank panel	\$ 8.00	\$ 80.00
1	PD-915R-SP	Middle Atlantic	Rack mounted Surge Protection Series power strip	\$ 359.00	\$ 359.00
1	PDCOOL-1115R	Middle Atlantic	Rack mounted PowerCool™ Series power strip	\$ 240.00	\$ 240.00
1	PDT-1415C	Middle Atlantic	14 OUTLET, SINGLE 15 AMP CIRCUIT, SURGE / SPIKE PROTECTED POWER STRIP W/9' CORD	\$ 130.00	\$ 130.00
1	MT-400-P42-CL	Media Tech	SchoolMate Pedestal Lectern 42" - Custom Laminate MT-400-P42	\$ 3,375.00	\$ 3,375.00
1	MT-RR14RU	Media Tech	14RU Rack Rails Option	\$ 45.00	\$ 45.00
1	MT-STD-IO-PWR	Media Tech	IO Plate Laptop Connect Power	\$ 190.00	\$ 190.00
1	MT-400-CA	Media Tech	Casters Option MT-400	\$ 95.00	\$ 95.00
1	PDCOOL-1115R	Middle Atlantic	Rack mounted PowerCool™ Series power strip	\$ 240.00	\$ 240.00
<b>Video Display Equipment</b>					
1	NP-PA622U-13ZL	NEC	WUXGA LCD, 6200 Lumen Integration Projector with NP13ZL	\$ 4,495.00	\$ 4,495.00
1	NP26LP	NEC	Replacement lens for NP-PA622U	\$ 475.00	\$ 475.00
1	CMA-440	NEC	Ceiling mounting adaptor for acoustical Ceiling Tiles	\$ 99.00	\$ 99.00
1	RPA-285	NEC	Projector mounting bracket	\$ 159.00	\$ 159.00
1	CMS-006W	NEC	Projector mounting bracket	\$ 18.00	\$ 18.00
1	70115LS	Da-lite	72.5" x 116" (137" Diagonal) Tensioned Advantage® Electrol - 16:10 with low voltage control	\$ 3,095.00	\$ 3,095.00
4	E554	NEC	55" LED LCD Public display monitor w/tuner incl. std - Black	\$ 1,399.00	\$ 5,596.00
4	LTMU	Chief Mfg	LARGE, FIXED, HEIGHT ADJ., STATIC MOUNT	\$ 239.00	\$ 956.00
1	V221	HP	21.5" Full HD Widescreen WLED Monitor	\$ 219.00	\$ 219.00
<b>Video Equipment</b>					
1	DM-MD16x16RPS	Crestron	16x16 DigitalMedia™ Switcher w/Redundant Power Supply	\$ 5,880.00	\$ 5,880.00
1	DM-MD6X4	Crestron	6x4 DigitalMedia™ Distribution Center	\$ 2,280.00	\$ 2,280.00
1	HD-SCALER	Crestron	High-Definition Video Scaler	\$ 600.00	\$ 600.00
1	HD-DA2-4K-E	Crestron	1-to-2 4K HDMI® Distribution Amplifier	\$ 180.00	\$ 180.00
3	DM-TX-200-C-2G	Crestron	Wall Plate DigitalMedia 8G+™ Transmitter 200	\$ 840.00	\$ 2,520.00
5	DM-RMC-Scaler-C	Crestron	DigitalMedia 8G+™ Receiver & Room Controller w/Scaler	\$ 840.00	\$ 4,200.00

Dover Police Department - New Building - Dover, NH  
EOC / Training Room 106

9	DMC-C	Crestron	DigitalMedia 8G+™ Input Card for DM® Switchers	\$ 480.00	\$ 4,320.00
5	DMC-HD	Crestron	HDMI® Input Card for DM® Switchers	\$ 480.00	\$ 2,400.00
4	DMC-4K-CO-HD	Crestron	2-Channel 4K DigitalMedia 8G+™ Output Card for DM® Switchers	\$ 960.00	\$ 3,840.00
4	DMC-HDO	Crestron	2-Channel HDMI® Output Card for DM® Switchers	\$ 420.00	\$ 1,680.00
1	BDP-S3200	Sony	Blu-ray Disc Player - 1080p, HDMI, Built-in WiFi, USB, Streaming Services, Black	\$ 99.00	\$ 99.00
			<b>Audio Equipment</b>		
1	2200-33080-001	Polycom	Eight-channel AEC / Noise canceller / Feedback reduction w/Auto Mic Mixing and Matrix Mixer	\$ 3,995.00	\$ 3,995.00
0	2200-35003-001	Polycom	single-line PSTN interface	\$ 575.00	\$ -
1	MX415/C	Shure	15" Shock-Mounted Gooseneck, Cardioid, includes surface mount preamplifier	\$ 269.00	\$ 269.00
1	MX890	Shure	Wireless Desktop Base with Integrated Wireless Transmitter, Programmable Mute for use with MX405/MX410	\$ 375.00	\$ 375.00
1	SLX4L	Shure	Diversity Receiver with TTL Logic Output, PS21 Power Supply, 1/4 Wave Antenna, and Rack Mounting Hardware.	\$ 349.00	\$ 349.00
1	SLX14/84	Shure	WL184 lavalier microphone, SLX1 bodypack transmitter, SLX4 receiver, tie clip, rackmount kit	\$ 625.00	\$ 625.00
1	XPA 2001-70V	Extron	Mono 70 V Amplifier - 200 Watts	\$ 445.00	\$ 445.00
1	60-190-01	Extron	1RU shelf for amplifier	\$ 85.00	\$ 85.00
9	Model 16	Bose	Ceiling mounted speakers	\$ 95.00	\$ 855.00
9	29830	Bose	Tile bridge support for Model 16 speaker	\$ 14.00	\$ 126.00
			<b>Control Equipment</b>		
1	PRO3	Crestron	3-Series Control System	\$ 3,180.00	\$ 3,180.00
1	CEN-SWPOE-16	Crestron	16-port Managed PoE switch	\$ 1,590.00	\$ 1,590.00
1	V15-TILT-B	Crestron	V-Panel™ 15" Tilt HD Touch Screen Display, DM	\$ 2,640.00	\$ 2,640.00
			<b>Connectivity and Interfacing Equipment</b>		
2	37091	Cablestogo	15-pin HD female-to-female barrel and 3.5 mm stereo audio jack.	\$ 30.00	\$ 60.00
2	40385	Cablestogo	One HDMI Female to One HDMI Female on 10" Pigtail	\$ 70.00	\$ 140.00
2	26-566-03	Extron	Micro VGA cable w/audio 12'	\$ 60.00	\$ 120.00
2	26-665-01	Extron	DisplayPort Male to HDMI Female Active Adapter - 6" Pigtail	\$ 40.00	\$ 80.00
3	C-HM/HM-ETH - 3	Kramer	HDMI (M) to HDMI (M) Cable - 3'	\$ 30.00	\$ 90.00
10	C-HM/HM-ETH - 6	Kramer	HDMI (M) to HDMI (M) Cable - 6'	\$ 36.00	\$ 360.00
1	C-HM/HM-ETH - 10	Kramer	HDMI (M) to HDMI (M) Cable - 10'	\$ 42.00	\$ 42.00
1	C-HM/HM-ETH - 15	Kramer	HDMI (M) to HDMI (M) Cable - 15'	\$ 48.00	\$ 48.00

Dover Police Department - New Building - Dover, NH  
EOC / Training Room 106

			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 3,000.00	\$ 3,000.00
1	1099-002	Multi-Media	MMS Custom Programming	\$ 3,600.00	\$ 3,600.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 1,200.00	\$ 1,200.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 1,200.00	\$ 1,200.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 9,000.00	\$ 9,000.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 1,080.00	\$ 1,080.00
			<b>Subtotal</b>		<b>\$ 83,778.00</b>
			<b>Total</b>		

Dover Police Department - New Building - Dover, NH  
Briefing Room 131

Qty	Part #	Manufacture	Description	Price	Total
			<b>Video Display Equipment</b>		
1	E554	NEC	55"LED LCD Public display monitor w/tuner incl. std - Black	\$ 1,399.00	\$ 1,399.00
1	LTMU	Chief Mfg	LARGE, FIXED, HEIGHT ADJ., STATIC MOUNT	\$ 239.00	\$ 239.00
			<b>Video Equipment</b>		
1	DM-RMC-Scaler-C	Crestron	DigitalMedia 8G+™ Receiver & Room Controller w/Scaler	\$ 840.00	\$ 840.00
1	DM-TX-200-C-2G	Crestron	Wall Plate DigitalMedia 8G+™ Transmitter 200	\$ 840.00	\$ 840.00
1	PW-2420RU	Crestron	Power Pack, Desktop 24VDC, 2A, 50 Watts	\$ 150.00	\$ 150.00
1	2029286	Crestron	Metal, Support Bracket, for 50W power supply	\$ 40.00	\$ 40.00
			<b>Connectivity and Interfacing Equipment</b>		
1	26-566-03	Extron	Micro VGA cable w/audio 12'	\$ 60.00	\$ 60.00
1	C-HM/HM-ETH - 6	Kramer	HDMI (M) to HDMI (M) Cable - 6'	\$ 36.00	\$ 36.00
1	C-HM/HM-ETH - 10	Kramer	HDMI (M) to HDMI (M) Cable - 10'	\$ 42.00	\$ 42.00
			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 600.00	\$ 600.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 300.00	\$ 300.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 200.00	\$ 200.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 1,200.00	\$ 1,200.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 180.00	\$ 180.00
			<b>Subtotal</b>		<b>\$ 6,126.00</b>

Dover Police Department - New Building - Dover, NH  
Conference Room 222

Qty	Part #	Manufacture	Description	Price	Total
			<b>Video Display Equipment</b>		
1	E554	NEC	55"LED LCD Public display monitor w/tuner incl. std - Black	\$ 1,399.00	\$ 1,399.00
1	LTMU	Chief Mfg	LARGE, FIXED, HEIGHT ADJ., STATIC MOUNT	\$ 239.00	\$ 239.00
			<b>Video Equipment</b>		
1	DM-RMC-Scaler-C	Crestron	DigitalMedia 8G+™ Receiver & Room Controller w/Scaler	\$ 840.00	\$ 840.00
1	DM-TX-200-C-2G	Crestron	Wall Plate DigitalMedia 8G+™ Transmitter 200	\$ 840.00	\$ 840.00
1	PW-2420RU	Crestron	Power Pack, Desktop 24VDC, 2A, 50 Watts	\$ 150.00	\$ 150.00
1	2029286	Crestron	Metal, Support Bracket, for 50W power supply	\$ 40.00	\$ 40.00
			<b>Connectivity and Interfacing Equipment</b>		
1	26-566-03	Extron	Micro VGA cable w/audio 12'	\$ 60.00	\$ 60.00
1	C-HM/HM-ETH - 6	Kramer	HDMI (M) to HDMI (M) Cable - 6'	\$ 36.00	\$ 36.00
1	C-HM/HM-ETH - 10	Kramer	HDMI (M) to HDMI (M) Cable - 10'	\$ 42.00	\$ 42.00
			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 600.00	\$ 600.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 300.00	\$ 300.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 200.00	\$ 200.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 1,200.00	\$ 1,200.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 180.00	\$ 180.00
			<b>Subtotal</b>		<b>\$ 6,126.00</b>

Dover Police Department - New Building - Dover, NH  
Command Staff Conference Room 229

Qty	Part #	Manufacture	Description	Price	Total
			<b>Video Display Equipment</b>		
1	E654	NEC	65"LED LCD Public display monitor w/tuner incl. std - Black	\$ 2,899.00	\$ 2,899.00
1	LTMU	Chief Mfg	LARGE, FIXED, HEIGHT ADJ., STATIC MOUNT	\$ 239.00	\$ 239.00
			<b>Video Equipment</b>		
1	DM-RMC-Scaler-C	Crestron	DigitalMedia 8G+™ Receiver & Room Controller w/Scaler	\$ 840.00	\$ 840.00
1	DM-TX-200-C-2G	Crestron	Wall Plate DigitalMedia 8G+™ Transmitter 200	\$ 840.00	\$ 840.00
1	PW-2420RU	Crestron	Power Pack, Desktop 24VDC, 2A, 50 Watts	\$ 150.00	\$ 150.00
1	2029286	Crestron	Metal, Support Bracket, for 50W power supply	\$ 40.00	\$ 40.00
			<b>Connectivity and Interfacing Equipment</b>		
1	26-566-03	Extron	Micro VGA cable w/audio 12'	\$ 60.00	\$ 60.00
1	C-HM/HM-ETH - 6	Kramer	HDMI (M) to HDMI (M) Cable - 6'	\$ 36.00	\$ 36.00
1	C-HM/HM-ETH - 10	Kramer	HDMI (M) to HDMI (M) Cable - 10'	\$ 42.00	\$ 42.00
			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 600.00	\$ 600.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 300.00	\$ 300.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 200.00	\$ 200.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 1,200.00	\$ 1,200.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 180.00	\$ 180.00
			<b>Subtotal</b>		<b>\$ 7,626.00</b>

Dover Police Department - New Building - Dover, NH  
 Training Room 106 / EOC Add Alternate #1

Qty	Part #	Manufacture	Description	Price	Total
			<b>Video Equipment</b>		
1	DVPHD - 4	Crestron	High-Definition Digital Video Processor	\$ 8,450.00	\$ 8,450.00
1	DGE-2	Crestron	Digital Graphics Engine w/HDMI® and DigitalMedia™ CAT Connectivity	\$ 4,800.00	\$ 4,800.00
3	C-HM/HM-ETH - 3	Kramer	HDMI (M) to HDMI (M) Cable - 3'	\$ 30.00	\$ 90.00
			<b>MMS Cable, Supplies and Labor</b>		
1	1099-001	Multi-Media	MMS Miscellaneous Cable and Supplies	\$ 150.00	\$ 150.00
1	1099-002	Multi-Media	MMS Custom Programming	\$ 4,500.00	\$ 4,500.00
1	1099-003	Multi-Media	MMS Design and Engineering	\$ 750.00	\$ 750.00
1	1099-004	Multi-Media	MMS Training and Documentation	\$ 1,200.00	\$ 1,200.00
1	1099-014	Multi-Media	MMS Installation technical services	\$ 1,200.00	\$ 1,200.00
1	9999-9999	Multi-Media	Shipping and Handling	\$ 150.00	\$ 150.00
			<b>Subtotal</b>		<b>\$ 21,290.00</b>
			<b>Total</b>		

## Andrew Martino

---

**From:** Marc Houle <marc@mmsavc.com>  
**Sent:** Friday, January 23, 2015 3:57 PM  
**To:** Andrew Martino; Joe Pollock  
**Subject:** Revised AV Quote based on meeting 1/21/15  
**Attachments:** Dover PD - New Building AV Quote Rev B.pdf

Andrew,

I have modified the AV proposal based on our conversation with the Captain on Wednesday, 1/21/15.

The following items were changed:

Training Room 106 / EOC

- Added (1) Wireless Lapel clip on microphone
- Changed the projection screen size from 110" x 170" to 72.5" x 116"
- Deleted (3) Crestron DMC-SDI input cards (for future camera)

Add Alternate #1 – EOC enhanced mode

- Lowered price of Crestron DVPHD-4 (I had accidently used the price for the DVPHD-8 which was more expense)

Please let me know if you have any questions,

Regards,

**Marc R. Houle CTS-D, DMC-E**

President

**Multi-Media Specialists, Inc.**

999 Candia Rd., Unit 8

Manchester, NH 03109

Ph. 603-623-4566

Ph. 603-206-5666

Fx. 603-206-5605

Cell 603-361-3998

E-mail: [marc@mmsavc.com](mailto:marc@mmsavc.com)

E-mail: [mmsavc@gmail.com](mailto:mmsavc@gmail.com)

Web: [www.mmsavc.com](http://www.mmsavc.com)



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 19, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
KONE, Inc.  
**PASSENGER ELEVATORS**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **PASSENGER ELEVATORS** contract for subject project to Northern Plasterwork for the total amount of **One Hundred Ninety Six Thousand One Hundred Dollars and 0.00/100 (\$196,100.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger. The final contract amount subject to reconciliation of final VE accepted by City.

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

\_\_\_\_\_  
Capt. William Breault

1/20/15  
Date

Trade:	Division #14	12/19/2014	12/19/2014	12/19/2014	12/19/2014	12/19/2014
Spec. Sections:	14 20 11	Ben Brennan 207.749.4351	Randy Campbell 663.7065	Co. Contact: Phone:	Co. Contact: Phone:	OTIS Carl Dick 207.456-2737
Scope Check List		12/19/2014	12/19/2014	12/19/2014	12/19/2014	12/22/2014
Base Bid						
Documents	POLICE STATION PARKING GARAGE 100% Payment & Performance Bond	\$ 90,000 \$ 104,000	\$ 90,000 \$ 104,000		\$ 132,200 \$ 154,300	\$ 259,860
	Dover Police Facility and Public Parking Garage Vol #1, dated November 17, 2014. Dover Police Facility and Public Parking Garage Vol #2, dated November 17, 2014. Dover Police Facility and Public Parking Garage - Site Development Plans 6/00/14 Cordard Street Reconstruction - Subdivision Plans June 2014. Dover Police Facility and Public Parking Garage - Site Landscape Plan 6/25/14 Specifications: Dover Police Facility and Public Parking Garage: Dover New Hampshire, dated November 17, 2014. City of Dover Department of Public Works - Current Specs State of New Hampshire DOT Specs					
RFP's	1 to 11 RFI #12 - Issued 12/18/14 Post Bid Review					
Addendum	1 & 2					
SCHEDULE	Per HCC Project Schedule dated 12/15/14					
	Counter Weight Sully Elevator Hoist Beam Warranty - 1 year Manufacturer M&B Slipp Elevator Elevator Recall Wiring - Hoistway to Controller Finishes Flooring by Others Protective Pads SS Hoistway/Car Frames Rated Capacity Rated Speed Elevator Car Signage Controls					
CLOSEOUT	Main Control Diagnostic Tools Extra Parts Supervision for Flooring install					
CLARIFICATIONS	NONE - 8" Needed at top landing. Frost wall for ICS Controller. 14" Bottom frost to top landing.					
<b>Total</b>		<b>\$ 194,000</b>	<b>\$ 196,100</b>		<b>\$ 286,500</b>	<b>\$ 259,860</b>
	Value Engineering					
	194 SS Interior Call Panels in Lieu of Reglized @ FC					
	2 PENCING					
	3 PENCING					

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- Industry leading ride comfort
- Award winning design
- Comprehensive services to support every step of your project

Tender submission for: **Dover Police Station**

Date: 01.16.2015  
Prepared by: Benjamin Brennan  
Sales Representative

Tel: (207) 749-4251  
Email: benjamin.brennan@kone.com  
Tender number: **T-0000730215**

**KONE Inc.**  
One New Boston Drive  
Canton, MA 02021

[www.kone.us](http://www.kone.us)



Ref: Dover Police Station (T-0000730215)

Dear Andrew,

Thank you for your invitation to tender the above project. We are proud to offer you a world class elevator solution that is a perfect match for your building and we also offer comprehensive services to support you throughout your project. The KONE solution includes design, manufacturing, supply and installation of the following:

**Police Station - Group 1**

Equipment Name	Solution	Load	Speed Stops	Net Price / unit
ECOSPACE - 1	1 X KONE EcoSpace	3500 LB	150 FPM 3 stops	\$ 90 000.00

**Garage - Group 1**<sub>2(14)</sub>

Equipment Name	Solution	Load	Speed Stops	Net Price / unit
ECOSPACE - 2	1 X KONE EcoSpace	3500 LB	150 FPM 5 stops	\$ 104 000.00

**Total Sales Price, net excluding TAX** **\$ 194 000.00**

Alternate:

1. **ADD: Provide Rigidized Stainless Steel in lieu of #4 stainless steel - \$2,100.00 per car**
  - a. **Cab Interior Side and Rear Walls**

Our proposal is based on the architectural drawings and specification (Division 14) and meets the general intent of the project. In case of any differences or contradictions between the contents of the documents contained in KONE's Tender Document, the Project Drawings or the Project Specifications, the KONE Tender Document shall prevail. This tender is based on the following documents:

- Tender and Pricing Summary (this page)
- Technical Specification
- Project Specific Clarifications
- General Conditions
- Tender Approval
- Appendices
  - Bid Attachment A      KONE Terms and Conditions
  - Bid Attachment B      Work by Others

Pricing is based on the content specified in the main body of the tender and the appendices which are an integral part of the tender documentation. This tender is valid for 30 days. Should you require any further information or clarification, please do not hesitate to contact us.

Yours Sincerely,  
Benjamin Brennan

## 1 Technical Specification

<b>Equipment Name</b>	<b>ECOSPACE - 1 / Group 1</b>
-----------------------	-------------------------------

### Main Data

<b>KONE Solution</b>	1 x KONE EcoSpace
<b>Capacity</b>	3500 LB
<b>Travel Speed</b>	150 FPM
<b>Travel Height</b>	28 ft 0 in
<b>Stops</b>	The elevator stops at 3 floors and has 3 entrances arranged on the main access side.
<b>Applicable Code</b>	Carrying out of the installation in accordance with the safety rules for the construction and installation of elevators per: ASME A17.1-2013

### Shaft

<b>Shaft Size</b>	8 ft 8 in wide x 6 ft 11 in deep
<b>Pit Depth</b>	5 ft 0 in
<b>Overhead</b>	14 ft 3 in
<b>Counterweight Safety</b>	Accessible spaces under the counterweight's passageway are not permitted without additional safety measures - No counterweight safety gear included.

### Elevator Car

<b>Interior Measurements</b>	80 in wide x 66 in deep x 8 ft total cab height (not including ceiling)
<b>Car Loading</b>	The car is set up for loading on front side only.
<b>Ceiling and Lighting</b>	 LF88 - Round LED4SS, #4 Stainless Steel
<b>Side &amp; Rear Walls</b>	Vertical Alignment Car Walls: 4SS, #4 Stainless Steel
<b>Interior Front Wall Finish</b>	4SS, #4 Stainless Steel
<b>Car Flooring</b>	Flooring provided by others (max 3 lb/ft <sup>2</sup> - 1/2 thickness)

**Handrail**



Handrail is on Side Walls  
ST, Round Steel  
4SS-Brushed Stainless Steel

**Car Lantern (jamb-mounted)**

Car Lantern (jamb-mounted) included

**Skirting**

4SS, #4 Stainless Steel

**Operating and Signal Elements (inside the car)**



DOT-matrix  
Satin Stainless (441)  
Independent Service keyswitch in car

**Doors**

**Door Measurements** 42 (in) wide x 7 (ft) height

**Door Design** Single speed right hand

**Elevator Car Door** 4SS, #4 stainless steel

**Car Door Sill Material** Aluminium

**Operating and Signal Elements (at the landings)** Landing Call Station:  
KSS570 series signalization

**Landings**

Landing Number	Floor Marking	Landing Wall Thickness	Landing Sill Material	Finish	HL/HLI
3 (Front)	2	8.4	AL, Aluminium	4SS, #4 stainless steel	None



2 (Front)	*1	8.4	AL, Aluminium	4SS, #4 stainless steel	None
1 (Front)	LL	8.4	AL, Aluminium	4SS, #4 stainless steel	None

### Control System Accessories

[TYP\_CAR\_FAN(1)]  
 Emergency Power Drive Included (generator by others)  
 Fireman's drive  
 KONE remote monitoring  
 pit ladder included

### Machinery

<b>Machinery Specification</b>	The machinery is designed as a gearless, three-phase synchronous motor with integrated traction sheave.
<b>Machine Output</b>	9.1 HP
<b>Nominal Supply Current</b>	42 A
<b>Starting Supply Current</b>	53 A
<b>Power supply, Machinery</b>	3 x 208 V, 60 Hz
<b>Power Supply, Car Light</b>	120VAC, 60 Hz

### Control System

<b>Control System Principle (grouping)</b>	Full collective Simplex
<b>Controller Location</b>	Integrated control solution (MAP) 3rd floor

<b>Equipment Name</b>	<b>ECOSPACE - 2 / Group 1</b>
-----------------------	-------------------------------

### Main Data

<b>KONE Solution</b>	1 x KONE EcoSpace
<b>Capacity</b>	3500 LB
<b>Travel Speed</b>	150 FPM
<b>Travel Height</b>	45 ft 4 in

**Stops** The elevator stops at 5 floors and has 5 entrances arranged on the main access side.

**Applicable Code** Carrying out of the installation in accordance with the safety rules for the construction and installation of elevators per: ASME A17.1-2013

### Shaft

**Shaft Size** 8 ft 8 in wide x 6 ft 11 in deep

**Pit Depth** 5 ft 0 in

**Overhead** 14 ft 3 in

**Counterweight Safety** Accessible spaces under the counterweight's passageway are not permitted without additional safety measures - No counterweight safety gear included.

### Elevator Car

**Interior Measurements** 80 in wide x 66 in deep x 8 ft total cab height (not including ceiling)

**Car Loading** The car is set up for loading on front side only.

**Ceiling and Lighting**  LF88 - Round LED4SS, #4 Stainless Steel

**Side & Rear Walls** Vertical Alignment  
Car Walls: 4SS, #4 Stainless Steel

**Interior Front Wall Finish** 4SS, #4 Stainless Steel

**Car Flooring** Flooring provided by others (max 3 lb/ft<sup>2</sup> - 1/2 thickness)

**Handrail**  Handrail is on Side Walls  
ST, Round Steel  
4SS-Brushed Stainless Steel

**Car Lantern (jamb-mounted)** Car Lantern (jamb-mounted) included

**Skirting** 4SS, #4 Stainless Steel

**Operating and Signal Elements (inside the car)**



DOT-matrix  
Satin Stainless (441)  
Independent Service keyswitch in car

**Doors**

**Door Measurements** 42 (in) wide x 7 (ft) height

**Door Design** Single speed right hand

**Elevator Car Door** 4SS, #4 stainless steel

**Car Door Sill Material** Aluminium

**Operating and Signal Elements (at the landings)** Landing Call Station:  
KSS570 series signalization

**Landings**

Landing Number	Floor Marking	Landing Wall Thickness	Landing Sill Material	Finish	HL/HLI
5 (Front)	5	8.4	AL, Aluminium	4SS, #4 stainless steel	None
4 (Front)	4	8.4	AL, Aluminium	4SS, #4 stainless steel	None
3 (Front)	3	8.4	AL, Aluminium	4SS, #4 stainless steel	None
2 (Front)	2	8.4	AL, Aluminium	4SS, #4 stainless steel	None
1 (Front)	*1	8.4	AL, Aluminium	4SS, #4 stainless steel	None

**Control System Accessories**

### Control System Accessories

[TYP\_CAR\_FAN(1)]  
 Emergency Power Drive Included (generator by others)  
 Fireman's drive  
 KONE remote monitoring  
 pit ladder included

### Machinery

<b>Machinery Specification</b>	The machinery is designed as a gearless, three-phase synchronous motor with integrated traction sheave.
<b>Machine Output</b>	9.1 HP
<b>Nominal Supply Current</b>	42 A
<b>Starting Supply Current</b>	53 A
<b>Power supply, Machinery</b>	3 x 208 V, 60 Hz
<b>Power Supply, Car Light</b>	120VAC, 60 Hz

### Control System

<b>Control System Principle (grouping)</b>	Full collective Simplex
<b>Controller Location</b>	Integrated control solution (MAP) 5th floor

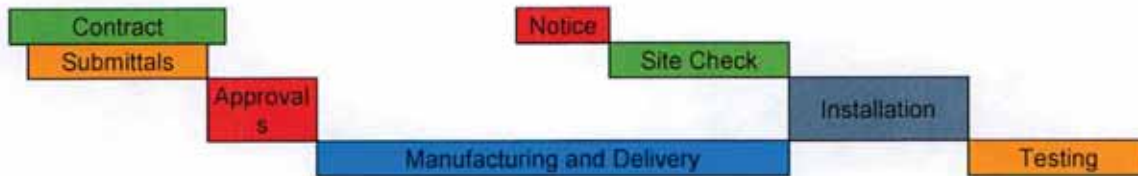
## Project Specific Clarifications

- 12 Month Warranty from point of turnover, not substantial completion
- Car speed: 150 fpm, not 350 fpm
- 2 sets of keys provided with owner's manuals. If more are required, please let us know.
- Cab Side and Rear Walls: #4 stainless steel provide, not Scottish Quad Rigidized Stainless Steel
- Hoistbeam and Pit Ladder furnished by KONE
- 14'-3" Clear Overhead
- 8.4" front wall thickness at top landing

## Schedule Proposal

Proper scheduling enables smooth, safe and on time installation. This proposal is based on the assumption that KONE is able to use our standard installation method. All work to be performed during normal business hours, excluding IUEC holidays (OT will be additional cost). Based on the information known at the Tender stage, we propose the following schedule:

<b>Preparation of Submittals</b>	2 weeks	From receipt of contract and first payment.
<b>Contract Review</b>	4 weeks	From receipt of full contract package. EVERY referenced document required.
<b>Approval of Submittals</b>	TBD (customer contingent)	Mutually agreeable time to incorporate changes to the layout and approve the submittals. Submittal Approval means notification in writing that all submittals are approved and manufacturing can commence. All finishes and features are to be decided at the time of submittal approval.
<b>Manufacturing and Delivery</b>	10-14 weeks	From receipt of submittal approval and an executed contract. KONE's policy is NOT to release equipment to Manufacturing until the contract is fully executed by both parties. Note: Our factory has 2 week shutdown over the months of July and December. Any manufacturing duration that falls during these months shall add 2 weeks to the manufacturing time.
<b>Notice to commence on site and Site Check</b>	2 weeks	Prior to starting the installation, KONE requires 2 week notice to inspect the shaft to ensure it fulfills the requirements set by KONE for commencing installation. Site Check will be performed in the 2 weeks before installation begins.
<b>Installation</b>	6 weeks per car	Only after the site has passed the Site Check inspection, the installation can start. Duration is per elevator. If multiple elevators need to be installed at the same time, a Foreman will be required at additional cost - based on availability.
<b>Testing and Commissioning</b>	1-2 weeks	Sufficient, clean 3-phase power, active phone line to the controller and all life safety provided by others is needed for testing/commissioning.



## Payment Terms

Proposal price is valid with the following payment terms (Payment due date is 30 days net):

- 30% Engineering & Site Management
- 50% Material
- 20% Installation

KONE reserves the right to delay and/or suspend the work, including manufacturing, delivery, installation and/or final turnover of the equipment for non-payment. Prior to equipment turnover, KONE must be paid in full including all change orders. Additionally, prior to turnover KONE requires a signed Final Acceptance and receipt of a Final Punchlist from all parties. Should you have a requirement other than that shown above; we will be pleased to discuss it with you.

## General Conditions

Contract terms shall be in accordance with the AIA A201, General Conditions, 1997 Edition, which are incorporated by reference. In the event of conflict between this Tender and the terms of the AIA General Conditions, this Tender shall prevail. The pricing included in this Tender is submitted with the understanding that all documents referenced within will be signed without alteration (please see Attachment A for complete General Conditions):

### TERMS & CONDITIONS:

If this contract format is not acceptable, contract terms and project schedule are to be mutually agreeable between KONE Inc. and your firm. If referenced within the subcontract, KONE respectfully requests a copy of the General Contractor's prime contract, General Conditions, any other subcontract documents/exhibits/sections referenced within the subcontract for terms & conditions review. Any pictures or images included in this tender are for information purposes only.

### SOURCING:

This proposal is made without regard to compliance with any special purchasing and/or manufacturing requirements including, but not limited to, Buy America, Buy American, U.S. Steel, FAR clauses, minority/disadvantaged supplier requirements or similar state procurement laws. Should such requirements be applicable to this project, KONE reserves the right to modify and/or withdraw our proposal.

### INSURANCE:

We agree to provide evidence of insurance coverage but cannot name others as additional insured or waive our rights of subrogation. All coverage afforded you or others shall terminate upon final acceptance of our work.

### CODES:

The proposal is based on our understanding of current code requirements. KONE cannot be held responsible for varying interpretation, future clarification or changes to current code requirements (after contract date).

## Site Preparation



To ensure the agreed schedule and safety on site, KONE requires the following conditions fulfilled two (2) weeks prior to our commencement on site (please see Attachment B for more detailed site requirements):

**ACCESS & STORAGE:** Adequate access for delivery of elevator material + clean/dry storage space.

**HOISTWAY CONSTRUCTION:** The hoistway, pit, and machine room must be clean, dry, and constructed per the approved KONE final layout drawings. Any required support for guide rail brackets, divider beams and divider screens from pit floor to the top of the hoistway will be provided by others.

**BARRICADES:** Removable, OSHA approved barricades must be provided around all hoistway openings. Provide and install full entrance protection, made of nylon mesh or reinforced plastic at all hoistway openings per OSHA 1346 1926.502(j). In Canada, enclose the front of the hoistway with removable hoarding or screening to prevent material from entering the hoistway. Design and install entrance protection in such a way as to allow quick accessibility in and out of the hoistway.

**POWER:** Permanent or temporary 3-phase and single phase power of permanent characteristics with disconnect switches.

**HOISTBEAM:** A hoist beam and safety beam (furnished by KONE) must be installed in the elevator overhead per the approved KONE final layout drawings (hoistbeam capable of supporting the load requirement noted in our shop drawings).

**LIGHTING:** Applicable work areas must have adequate lighting.

**FINISHED FLOOR MARKS:** Visible from the hoistway openings at all landings.

### Additional Considerations

The following items should be considered when planning for the elevator delivery, installation and complete project construction:

**COMPLETION:** The contract price is based on all work being completed in 2015, and a material manufacturing start, no later than 6 months from the date of this proposal. The standard wage rate is assumed. If KONE's on-site work is not completed in the above calendar year (due to delays by others), the contractor will be responsible for the labor rate increase that will occur on January 1st of the following year.

**REMOBILIZATION:** A \$4000 remobilization fee may be charged for each occurrence where KONE must return to the jobsite, due to causes beyond our control, in order to perform or complete our work.

**STORAGE/DELIVERY:** Our offer is based on elevator shafts being handed over to KONE in accordance with KONE requirements on the agreed dates. Any changes to such dates are considered a variation to contract and KONE shall be entitled to recover all substantiated costs related to such changes, including but not limited to costs related to additional manpower or other resources and/or storage costs. If the jobsite requirements are not complete, KONE will not deliver the elevator to the job site. If we are unable to unload at the



jobsite on the scheduled date, it will be the purchaser's responsibility for additional costs for off-site storage (\$1,600/month per elevator) and/or labor for double handling of the materials (\$4,000). Additionally, the proposal is based upon the ability of KONE to unload materials at the job site and begin installation at that time. If these items are not in place at time of delivery KONE may not be available to begin the installation for up to an additional 6 weeks (after site preparation is complete) due to labor re-allocation. Any labor associated with relocation of material (once stored onsite) is not included in this proposal.

**OPERATOR TIME:** KONE is unable to estimate the amount of operator time needed by other trades. Unless a specific amount is specified elsewhere in this proposal, KONE has not included any operator time. If the General Contractor (or other subcontractors) requires access to the shaft or the use of the elevator platform for any reason (prior to Final Acceptance – after which, standard KONE service rates will apply), KONE will provide an operator for an additional charge of \$250/hour (straight time) or \$500/hour (OT). Availability of an operator will be determined at the time of the request. The agreed schedule shall be extended by the time needed by other trades for access to the shaft.

**TEMPORARY USE:** Our bid does not include any provisions for temporary use of the elevator. Should temporary use be required, a monthly fee of \$1500/elevator, plus a fee of \$2,500 for each temporary inspection will be applicable. A fee of \$2,000 for screening the hoistway (only applicable on multi-car hoistways) & any costs for readjusting/refurbishment will be paid by purchaser. In addition, the General Contractor will protect the elevators, provide electrical service, a temporary car enclosure, protection of elevator hoistway openings, an operator (if needed) and will clean down and turnover the elevator in a "like new" condition upon completion of temporary use. Furthermore, the KONE Temporary Acceptance Form shall be executed before any elevator is placed into temporary service. Please note that we will require 1-2 weeks of uninterrupted use of these elevators prior to final turnover.

**HOISTWAY CLEANING:** KONE is unable to estimate the cleanliness of an elevator hoistway on a construction site, as the amount of debris/dust is dependent on work completed by other trades within the building. As such, KONE has not included for clean down of the elevator shaft, but can provide a price if conditions warrant.

**OTHER TRADE WORK:** KONE is unable to estimate the amount of on-site mechanic labor required to coordinate the work of other trades. Thus, KONE has not included any additional time and/or costs (outside of the equipment installation and inspection time) for coordination with the life safety system, security system, or any other trades. KONE shall be entitled to an extension of the contract time and/or additional costs incurred by additional time expended for coordination with other trades.

**PHONE:** We are offering our standard, one hands-free ADA compliant speakerphone per cab; it will automatically dial to a determined location. A KONE KRMS monitoring agreement must be completed, (either accepting or denying KONE's monitoring service) 2 weeks prior to inspections.



**INSPECTIONS:**

Our proposal includes one final inspection by the elevator code authority, per elevator, during normal working hours. If the final inspection fails due to KONE's sole responsibility, KONE will be accountable for the cost of re-inspection(s). Should re-inspection be required due to work by others, the General Contractor will be responsible for the cost of re-inspection(s). All other testing will be provided for additional cost, at normal KONE billing rates. During the final testing, a representative of the fire-life-safety contractors will be required (at no cost to KONE) while testing the elevators. No OT has been included in this proposal.

**WARRANTY/  
MAINTENANCE:**

Our proposal includes 12 months of complete KONE standard maintenance including regular time callback service, which utilizes periodic preventative maintenance. Our limited one (1) year warranty begins once the elevator has been final inspected and accepted by execution of our Uniform Final Acceptance, which may be prior to the substantial completion of the building. For long-term reliability, a continuing maintenance agreement will be necessary. This proposal is based on KONE receiving a ten (10) year KONE maintenance contract.

## Bid Attachment "A" / KONE Inc. General Terms and Conditions

### 1. APPLICATION OF THESE TERMS

The parties agree to be bound by the terms and conditions contained in the Proposal, together with the terms and conditions contained herein. No amendment or other change to this Proposal is binding on KONE unless it is in writing and is signed by an authorized KONE officer. KONE shall not release equipment for manufacturing prior to execution of a contract by both parties.

### 2. SPECIAL PURCHASING REQUIREMENTS

This proposal is made without regard to compliance with any special purchasing and/or manufacturing requirements including, but not limited to, Buy America, Buy American, U.S. Steel, FAR clauses, minority/disadvantaged supplier requirements or similar state procurement laws. Should such requirements be applicable to this project, KONE reserves the right to modify and/or withdraw our proposal.

### 3. QUOTATION CONDITIONS

Our offer is based on obtaining a 10 (ten) year KONE Maintenance Agreement. Your assistance in facilitating a meeting with the owner for this purpose is appreciated. The Proposal shall be open for acceptance within the period stated in the Proposal, or when no period is stated, for a period of thirty (30) days from the date of the Proposal.

### 4. WORK AND SERVICES NOT INCLUDED

The Proposal is exclusive of all preparatory work, civil works, and all materials and services other than those clearly specified. Wiring and conduit outside of the hoistway and machine room are not included. The installation, maintenance, and the operating costs of the phone line for monitoring services shall be borne by the Customer. Temporary use of the equipment may be granted, if required by contract, provided the use period allows adequate time for equipment restoration for final delivery. Temporary use will be invoiced separately per the KONE Temporary Use Agreement and is subject to payment terms indicated in Part 6 of this document. The Customer shall assume all risk of temporary use and operation, supply its own operator and, at the end of the temporary use period, return the equipment to KONE in "like new" condition. Specific noise ratings cannot be guaranteed, due to the different building characteristics and ambient noise levels. If certified payroll reporting is required, KONE will submit the requested reporting in the format of the U.S. Department of Labor form WH 347 & WH 348.

### 5. PRICE

Unless otherwise stated, pricing for labor and material shall remain firm, but under no circumstances shall KONE be responsible for labor and material cost adjustments resulting from project delays which extend beyond the end of the current calendar year.

### 6. INSTALLATION

The work shall be performed during regular I.U.E.C. working hours of regular working days, Monday to Friday, statutory holidays excluded. If overtime work is mutually agreed upon and performed, the additional price for such work shall be added to the Proposal price at KONE's standard overtime rates. KONE will not commence overtime work without an executed change order. The installation will start only after the site is ready and the Customer has completed all the KONE site requirements. If the installation work and final acceptance cannot be performed in an uninterrupted manner for any reason beyond KONE's control, the Customer shall store and protect the supplied equipment at the Customer's risk and cost and separately compensate KONE for any costs caused by such delay including, but not limited to, double handling of equipment. Within five (5) business days prior to the scheduled delivery date for KONE's materials, KONE will verify whether or not Customer has met the KONE site requirements as set forth in the Proposal. If Customer has not met the KONE site requirements, KONE will so notify Customer. If KONE notifies Customer that KONE is unable to begin installation as scheduled because the Customer has not met KONE's site requirements as set forth in the Proposal, the Customer is responsible for all additional costs incurred by KONE arising from or in connection with Customer's failure to meet such site requirements as schedules. Such costs may include without limitation costs associated with labor reallocation (costs associated with scheduling and rescheduling labor), the cost to re-direct materials to a KONE distribution center or Customer's designated storage facility, additional labor costs for double handling of the materials, costs for additional trucking, freight and insurance, and the reasonable cost for storage in a KONE distribution center. KONE is also entitled to delay the start of the installation, and start of installation is subject to availability of labor. KONE will provide the Customer with such costs in a change order.

### 7. ASBESTOS

Notwithstanding anything contained to the contrary within this bid or contract, KONE's work shall not include any abatement or disturbance of asbestos containing material (ACM) or presumed asbestos containing materials (PACM). Any work in a regulated area as defined by Section 1910 or 1926 of the Federal OSHA regulations

is excluded from KONE's scope of work without an applicable change order to reflect the additional costs and time. In accordance with OSHA requirements, the Customer shall inform KONE and its employees who will perform work activities in areas which contain ACM and/or PACM of the presence and location of ACM and/or PACM in such areas which may be contacted during work before entering the area. Other than as expressly disclosed in writing, Customer warrants that KONE's work area at all times meets applicable OSHA permissible exposure limits (PELs). KONE shall have the right to discontinue its work in any location where suspected ACM or PACM is encountered or disturbed. Any asbestos removal or abatement, or delays caused by such, required in order for KONE to perform its work shall be the Customer's sole responsibility and expense. After any removal or abatement, customer shall provide documentation that the asbestos has been abated from the KONE work area and air clearance reports shall be made available upon request prior to the start of KONE's work.

### 8. PAYMENT TERMS

Payments are due 30 days from invoice date, based on work progress as follows:

- 30% of Contract Value for Engineering, Site Management, Project Overhead, billable and due at the receipt of the subcontract.
- 50% of Contract Value for Material and Shipping, billable and due upon delivery of the material to the jobsite, Customer designated storage facility, or KONE Distribution Center.
- 20% of Contract Value for Equipment Installation, billable and due at the billing cycle following the start of our installation.

KONE reserves the right to delay and/or suspend the work and services, including manufacturing, delivery, installation and/or final turnover of the equipment, for non-payment. Simple interest at 1.5% per month will be charged on amounts not paid when due. In states requiring notice prior to filing a lien, this notice requirement is deemed satisfied through this paragraph.

Prior to equipment turnover, KONE must be paid in full, less 10% maximum retention, the Contract Value including all change orders. Additionally, prior to turnover, KONE requires a signed Final Acceptance Form and receipt of a Final Punchlist for the project from all parties.

### 9. PROPERTY RIGHTS

The delivered material shall remain the property of KONE and KONE shall retain title thereto until final payment is made. The proprietary rights to any drawings, technical documentation or other intellectual property, shall remain solely with KONE. Any software delivered shall remain the property of KONE or the respective supplier.

### 10. WARRANTY

KONE warrants the materials and workmanship of the equipment for one (1) year after acceptance. Customer's remedy is limited to repair or replacement of a defective part, in KONE's sole discretion. The warranty is limited to the replacement or repair of the part itself, and excludes labor. In no event shall KONE be responsible for damage due to normal wear and tear, vandalism, abuse, misuse, neglect, work or repairs or modifications by others, or any other cause beyond the control of KONE. KONE disclaims any other warranty of any kind, either expressed or implied, including without limitation the implied warranties of merchantability or fitness for a particular purpose, or non-infringement.

### 11. LIABILITY LIMITATION

The Customer agrees to indemnify, defend and hold harmless KONE from any loss, damage or claim for damages or injuries, including death, connected with the use or operation of the Equipment. Should damage occur to KONE material or work on the premises, where work is to be or is being performed, by fire, theft or otherwise, the Customer is to compensate KONE for said damages. KONE's obligation to defend, indemnify and hold Customer harmless shall be limited to the extent a claim for damages or injuries results from KONE's negligent acts or omission or willful misconduct, but not the negligent acts or omissions or willful misconduct of others. KONE will not name any party as additional insured to their policy.

### 12. DAMAGES

KONE shall not be responsible for liquidated damages or any indirect, incidental, or consequential damages. KONE's liability under any circumstances shall be no more than 5% of the Proposal value of the equipment concerned.

### 13. FORCE MAJEURE

KONE shall not be liable for any loss, damage, claim or delay due to any cause beyond KONE's control including, but not limited to, acts of government, strikes, lockouts, work interruption or other labor disturbance, fire, explosion, theft, floods, riot, civil commotion, war, malicious mischief, or acts of God.

Bid Attachment "B"  
Site Safety Requirements/ Work by Others

**Purchaser to provide the following in accordance with code requirements-**

**NOTE: All site preparation that is required to be in place prior to KONE's start must be ready two (2) weeks prior to the start of installation.**

**General**

1. Provide sufficient on-site refuse containers for the disposal of the elevator packing material. Should sufficient containers not be provided, the removal of the elevator packing material shall become the responsibility of others.
2. Provide forklift for KONE's exclusive use during the unloading of the elevator at time of delivery.
3. Provide any cutouts to accommodate the elevator equipment (see notes below).
4. Provide and install finished elevator cab flooring. Owner must provide certification that flooring meets flame spread and smoke density requirements. (ASME A17.1/CSA B44 sec 2.14.2.1)
5. Provide permanent elevator lobby lighting, ceiling and flooring prior to inspection date.
6. Owner must provide certification (to the elevator inspector at time of inspection) that owner-supplied elevator interior finishes meet flame spread and smoke density requirements. (ASME A17.1/CSA B44 sec 2.14.2.1, ASME A17.1/CSA B44 sec 2.14.1.8, ASME Z97.1/ CGSB 12.1 in Canada)
7. Provide cutting/ coring of all openings and penetrations required to install hall push buttons, signal fixtures, wiring duct and piping, and sleeves. Sleeves will be required in the hoistway wall for EACH elevator.
8. Provide any repairs such as grouting, patching and painting made necessary by such cutting/ coring. Provide fire caulking around all fixtures and as needed to satisfy NFPA 70 article 300.21, or any applicable local code.
9. Please note that none of the elevator components are weather-proof and that the elevator entrances do not seal the hoistway from inclement weather. The entire elevator and controls must remain protected from inclement weather at all times.

**Safety**

10. Provide adequate, roll-able access into the building for delivery of the elevator material. Clean, safe, secure and dry storage is required adjacent to the hoistway with minimum space of 20' x 20' [6m x 6m] per elevator, or as specified by KONE representative: \_\_\_ft x \_\_\_ft (\_\_\_m x \_\_\_m)
11. Provide free-standing, removable, OSHA-compliant barricades capable of withstanding 200lb (890N) of force in all directions around all hoistway openings per OSHA 29 CFR 1926.502, and/or any applicable local code.
12. Provide and install full-covering entry protection, made of nylon mesh or reinforced plastic, at all hoistway openings to prevent materials or tooling from falling into the elevator shaft during installation per Federal OSHA requirements listed in 29 CFR 1926.502(j). In Canada, where required by Provincial regulation, enclose the front of the hoistway with removable hoarding or screening to

prevent material from entering the hoistway. Design and install entrance protection in such a way as to allow quick accessibility in and out of the hoistway.

13. Provide two (2) lifeline attachments at the top, front of the hoistway. Each must be capable of withstanding a 5000 lb [2250 Kg] load per OSHA 29 CFR 1926.502, or any applicable local code. For machine-room-less applications, provide attachments as described above, or install KONE-provided 4" x 4" x 3/8" (100mm x 100mm x 9.6mm) tube steel lifeline beam in the elevator hoistway overhead 10 inches (254 mm) from front of hoistway to center line, with bottom of lifeline beam at same elevation as bottom of hoisting I-beam. Lifeline tube steel supplied by KONE by request at no additional cost on US installations only.
14. Provide proper lighting in all work areas and stairways, including access to all floors and machine rooms per OSHA 29.CFR1926.1052 or any applicable local code.
15. Provide and maintain 6-foot (1800 mm) clear work area in front of all entrance openings per OSHA 29.CFR1926.502 or any applicable local code.

**Hoistway**

16. Provide a clear and plumb hoistway of size shown on approved KONE final layout drawings. Any variations from the detailed dimensions may not exceed 2" [50 mm] greater and may not be less than the clear dimensions detailed. (Tolerance: -0" + 2" [-0 mm +50 mm]).
17. Provide hoistway ventilation per code requirements (eg., IBC sec 3004.1). For proper equipment operation, the machine space in machine room or at the top of the hoistway must maintain a temperature between 41° F [5° C] and 104° F [40° C]. Maximum allowed humidity is 95% non-condensing.
18. Provide for installation of hoisting I-beam in the elevator hoistway overhead per the KONE final layout drawings. Beam supplied by KONE unless otherwise noted on the layout drawings.
19. Provide any partitions between common hoistways if applicable.
20. In cases where multiple elevators are in a common hoistway, and the counterweights are located between elevators, the entire length of counterweight runway must be guarded. The guard shall extend at least 6 inches (150mm) horizontally beyond each counterweight rail. The guard shall be made from wire-mesh material equal to or stronger than .048-inch diameter wire with openings not exceeding 1/2 inch (13 mm), securely fastened to keep the guard taut and plumb. (ASME A17.1/CSA B44 : §3141.7. General Requirements.)
21. On applications where working platforms are required, working platforms provided shall comply with the requirements of the current ASME A17.1 / CSA-B44

Bid Attachment "B"  
Site Safety Requirements/ Work by Others

- code edition in effect at the time of installation and /or any applicable local code.
22. Provide adequate support for guide rail brackets from pit floor to the top of the hoistway. Locate rail backing per KONE final approved layout drawings. When maximum bracket span is exceeded, additional support shall be provided at purchaser's expense. Any bracket mounting surface that is not in line with the clear hoistway dimension detailed on the approved KONE final layout drawings may need to be corrected to meet the proper dimension at purchaser's expense.
  23. If guide rail brackets are to attach to steel, ensure all brackets are installed prior to applying fireproofing to the steel. Otherwise, removal and reapplication of fireproofing will be at purchaser's expense.
  24. All offsets, ledges or projections within the hoistway greater than 4 inches (100mm) must be tapered to not less than 75 degrees (ASME A17.1/CSA B44 sec 2.1.6.2). Maximum ledge or projection is 2 inches (50mm) in California and District of Columbia.
  25. If concrete block wall construction, refer to the approved KONE final approved layout drawings for proper installation of rail bracket attachments. Inserts provided by KONE unless otherwise noted on the approved KONE final approved layout drawings. Insert type must be approved by KONE. Concrete masonry units, mortar and grout, shall conform to IBC 2000 or any applicable local code. Concrete masonry units shall have a minimum compressive strength of 1500 PSI (10.5 MPa). Mortar and grout shall have a minimum compressive strength of 2000 PSI (13.8 MPa).
  26. Arrange for entrance walls to be constructed at the time doorframes and sills are installed to facilitate timely installation of hall fixture faceplates. Entire front wall must be left open at top and bottom landings until elevator equipment is installed. Intermediate landings must have rough openings of the size and location shown on KONE final approved layout drawings to allow installation of entrances. All entrance openings must be aligned vertically. Adequate support for entrance attachment points shall be provided at all landings. Any marble, stone or similar wall material must be prepared after the entrance frames are installed. Provide corridor lines for any marble or "special finish" walls.
  27. Provide elevator landings suitably prepared to accept entrance sill installation per KONE final layout drawings. Grouting to be done by purchaser after sills are installed. Note: Traditional angle or concrete sill support is not required.
  28. Provide finished-floor height marks visible from hoistway openings at all landings. Placing floor height mark on hoistway wall is desirable. Complete "Contractor Verification Form of Sill to Sill Heights and Remote Machine Piping," CONSTR-07-0675.
  29. Fire service access elevators per code requirement (IBC 406.3.1) shall be provided with hoistway lighting per code requirement (IBC 3007.6.2). The hoistway lighting shall illuminate the entire height of the hoistway and shall be located such that it does not interfere with the operation of the elevator or reduce any clearances below applicable code requirements. (applicable only in jurisdictions enforcing the IBC Building Code)
  30. Provide suitable lighting for machine space with light switch located in the hoistway on the strike jamb side of top landing door where practical. Illumination to be equivalent to 19 foot-candles (200lx) at machine (ASME A17.1/CSA B44 sec 2.7.9.1) [See Notes 29a & 29b]
  31. If the control space is located remote from the elevator hoistway top landing the following may apply:
    - a. If applicable, provide machine space access door of the size and in the location shown on the KONE final layout drawings. The access door shall be secured against unauthorized access. It shall be self-closing, self-locking and operable from the inside without a key.
    - b. Provide suitable lighting in or above the machine space access with light switch located within 18" [457 mm] of strike jamb side of access space door where practical. When permitted by state and local code the light switch should also control the machine space lighting.
    - c. Conductors and cables located outside of the elevator hoistway, machine space and control space, that provide normal or standby power, car lighting power, car ventilation power, car heating power, car air conditioning power, control signals, communication with the car and fire/heat-detecting systems control signals to Fire Service Access Elevators, shall be protected by construction having a fire-resistance rating of not less than 2 hours. (APPLICABLE ONLY IN JURISDICTIONS ENFORCING THE IBC BUILDING CODE OR ANY APPLICABLE LOCAL CODES.)
  32. Provide and install GFCI-type receptacle located at machine in the top of the hoistway or in machine room as applicable (NFPA 70 article 620.85 or CEC article 38.85 whichever is applicable).
  33. Provide and install light switch located at manual brake release location; may also be required in control space per local jurisdiction.
  34. Where a single elevator is installed in a hoistway and a portion of the travel extends higher than 11m (36 ft.) between entrances (single blind hoistway), emergency door(s) must be provided. Emergency doors and their electrical contacts shall comply with the current ASME A17.1/CSA-B44 code edition in effect at the time of installation and/or any applicable local code. ASME A17.1/CSA-B44 Section 2.11.1.2 covers "Emergency Doors in Blind Hoistways" and Section 2.26.2 covers "Electrical Protective Devices". Each emergency door must be provided with an electrical contact with minimum UL/CSA NEMA A300 rating suitable for use in a 230VAC @ 3 amp circuit. Consult KONE representative if there are any questions concerning the code requirements.

Bid Attachment "B"  
Site Safety Requirements/ Work by Others

**Pit**

35. Provide a legal, dry and clean pit, built per KONE final layout drawings. Pit shall be reinforced to sustain vertical forces detailed on KONE final layout drawings (vertical forces detailed are two times the static loads.)
36. Sumps and/or sump pumps (where permitted) located within the pit may not interfere with the elevator equipment. Sumps to be covered with flush mounted, non-combustible cover capable of withstanding 150 lbs per square foot (7 kPa). The sump pump/drain must, at minimum, remove 3,000 gal/h (11.4 m<sup>3</sup>/h) per elevator.
37. Provide a pit light fixture with switch and guards with an illumination level equal to or greater than that required by ASME A17.1/CSA B44 2000, or applicable version. Recommended to provide minimum 4-foot double tube fluorescent fixture, with suitable guard and mounted to rear wall of pit per KONE installation representative's direction.
38. Provide a dedicated pit circuit with GFCI-protected 15 or 20-amp 120V AC duplex outlet. Locate per KONE final approved layout drawings (NFPA 70 article 620.85 or CEC article 38.85).
39. Provide non-GFCI-protected single receptacle for sump pumps (NFPA 70 article 620.85, NFPA 70 article 620.85 or CEC article 38.85 whichever is applicable).
40. Pit ladder to be constructed of non-combustible material extending from pit floor to 48" [1200 mm] above the sill of the access landing. Pit ladder is supplied by KONE with EcoSpace units; provided by purchaser on other KONE products unless otherwise noted on the layout drawing. Locate per KONE final layout drawings. Coordinate ladder sizing with KONE representative to assure proper fit in hoistway.

**Electrical**

41. US Applications - Purchaser provides in accordance with National Electrical Code, NFPA 70 (NEC) Article 620 or any applicable local code.
42. Canadian Applications - Purchaser provides in accordance with Canadian Electrical Code, C22.1 Section 38 or any applicable local code.
43. Provide for all electrical branch circuits/disconnects to be labeled (NFPA 70 article 620.54 / 620.53 / 620.51d, CEC articles 38.54/ 38.53/ 36.51d).
44. Provide 480/208 VAC (USA) or 575/208 VAC (Canada) three-phase permanent power, including piping, wiring and fused disconnect, to controller location to facilitate elevator installation prior to start of project.
45. Provide 220 VAC single-phase temp. power and 115 VAC single-phase temp. power, of permanent characteristics at each elevator landing for lighting and installation method tools. Locate connection points at elevator hoistway. Consult your KONE representative for confirmation of location and type of temporary power.
46. When generator is used to provide 3-phase 480/ 208 VAC (USA) or 575/208 VAC (Canada) power for installation,

purchaser to accept change notice for additional costs, estimated locally by installing office, to cover inefficiencies and any damages resulting from installing without permanent power present.

NOTE: Our elevator controllers require Wye configuration transformers. It is also the responsibility of the purchaser to provide consistent three-phase voltages balanced within +/-10% when measured phase-to-phase and +/-10% when measured phase-to-ground.

47. Provide a dedicated 115VAC, 20 amp circuit in the fire command room piped and wired to the lobby panel where applicable.
48. Provide a dedicated 15 amp 120V AC fused service with ground (supplied through automatic emergency lighting supply if available in building) connected to each elevator signal control cabinet for car lighting. Must include the means to disconnect this service and lock-off in the "open" position (NFPA 70 article 620.22 and 620.53 or CEC article 38.22 and 38.53).
49. Provide separate 115 VAC 15 amp branch circuit for KGC (KONE Group Control), when specified, powered by building emergency power system, when applicable.

**Control Space/ Machine Room**

50. Provide a legal control space/ machine room with access as indicated on the KONE final layout drawings. To include a temporary or permanent door that can be locked from outside. Permanent door must be self-closing, self-locking, and require a key to open from outside. Must have adequate temporary or permanent lighting for installation purposes. For proper equipment operation, the temperature in the control space must maintain between 41° F [5° C] and 104° F [40° C]. Maximum allowed humidity is 95% non-condensing.
51. Provide safe and convenient access to machine room (ASME A17.1/CSA B44 sec 2.8.1, ASME A17.1/CSA B44 sec 2.7.3)
52. If control space is adjacent to the hoistway, provide all applicable sleeves, or penetrations, located per control space plan view on the KONE final layout drawings.
53. Provide a clean and dry elevator machine room.
54. If applicable, provide a governor access door of size and location shown on the KONE final layout drawings. The access door shall be secured against unauthorized access. It shall be self-closing, self-locking and operable from the inside without a key.
55. Provide suitable lighting for control space with light switch located within 18" [457 mm] of strike jamb side of control space door where practical. When permitted by state and local code the light switch should also control the machine space lighting if control space is adjacent to the hoistway at the top landing.
56. Provide dedicated GFCI-protected 120VAC 20-amp duplex (15 amp in Canada) outlet next to each signal control cabinet.

Bid Attachment "B"  
Site Safety Requirements/ Work by Others

57. Provide a single means of disconnecting all ungrounded main power conductors for each elevator by an enclosed, externally operable, fused motor circuit switch or circuit breaker. Must be lockable in the open position. This disconnecting means shall disconnect the normal power service as well as emergency power service, when provided.  
Note 1: If a circuit breaker is to be provided in lieu of fuses, an adjustable time-delay style is recommended.  
Note 2: If a battery-powered rescue device is required, the above-mentioned disconnect must have an auxiliary contact monitored by elevator controller that is positively opened mechanically and is normally closed (NC) when the main power is in the ON position, and is normally open (NO) when power is in the OFF position.  
Note 3: If a battery-powered rescue device is required and a separate shunt trip breaker which is subject to either the hoistway or control space sprinkler system is provided, the shunt trip breaker must have an auxiliary contact that is positively opened mechanically and is NC when the main power is in the ON position.
58. Provide a Direct-in-dial (DID) analog phone line, activated at least one week prior to inspection, terminated at the appropriate phone jacks in the elevator machine room. GC/ Owner may elect to have a separate analog line installed (one per elevator), or GC/ Owner may elect to provide DID lines from an Analog Station Card in the building's PBX system. If GC/Owner provides a Direct-in-Dial analog phone line or lines off an existing PBX phone system, a backup power source must also be provided. All phone and associated equipment provided by GC/ Owner shall be in compliance with the requirements of ASME A17.1/ CSA B44, local codes and applicable law, as amended.
59. Provide all fire alarm initiating signals as required by all national, state and local codes for termination at the primary elevator signal control cabinet in each group.
60. Provide emergency power transfer switch and power change pending signals as required- 2 Normally open dry contacts from transfer switch to controller (2 pairs plus ground wire). 1 Contact closes to signal emergency power is present, 1 contact closes to give 30 second pre-signal prior to transfer switch change. Termination of these wires is at the primary elevator signal control cabinet in each group (2 pairs plus ground wire.)
61. Furnish and install smoke detectors and fire operation per ASME A17.1/CSA B44 sec 2.27.3.2, NFPA 72; one for lobby detector, machine room detector, hoistway detector, and one for all grouped non-lobby detectors are required. Provide normally-closed dry contacts, with wiring, to controller for each group listed above.
62. Provide and install smoke detector in hoistway as required per local codes, and in all elevator lobbies, machine room and controller space.
63. Provide heat detectors and "shunt-trip operation" when sprinklers are to be provided in machine room or hoistway, (ASME A17.1 sec 2.8.2.1.2, NFPA 13 sec 4-13.5, ASME A17.1 sec 2.8.2.3.1, ASME A17.1 sec 2.8.2.3.2, NFPA 72).
64. Non-elevator related piping and equipment is prohibited in machine room or hoistway (ASME A17.1/CSA B44 sec 2.8.1, ASME A17.1/CSA B44 sec 2.8.2).
65. Provide and mount at minimum a 10-pound, ABC-type fire extinguisher in control space (ASME A17.1 sec 8.6.1.6.5). (Not required in Canada)
- Integrated Control Solution (ICS)**
66. Provide a completely open front wall at top landing with access as indicated on the KONE final layout drawings. Must have adequate temporary or permanent lighting for installation purposes.
67. Provide environment for proper equipment operation during installation and after acceptance, the temperature at the top floor elevator lobby must maintain between 41°F [5°C] and 104°F [40°C]. Maximum allowed humidity is 95% non-condensing.
68. Provide safe and convenient rollable access to top floor elevator lobby area. (ASME A17.1/CSA B44 sec 2.8.1, ASME A17.1/CSA B44 sec 2.7.3)
69. Provide all applicable sleeves, or penetrations, located per ICS panel plan view on the KONE final approved layout drawings.
70. Provide a clean and dry elevator lobby at top landing.
71. If applicable, provide an access door of size and location shown on the KONE final layout drawings. The access door shall be secured against unauthorized access. It shall be self-closing, self-locking and operable from the inside without a key (if seismic conditions exist)
72. Provide suitable lighting for ICS panel area with light switch located within 18" [457 mm] of elevator entrance door where practical. When permitted by state and local code the light switch should also control the machine space lighting.
73. Provide dedicated GFCI-protected 120VAC 20-amp duplex (15 amp in Canada) outlet next to each ICS panel control cabinet located as shown on layouts.
74. Provide 480/208 VAC (USA) or 575/208 VAC (Canada) three-phase permanent power, including piping, wiring and fused disconnect, to non-fused disconnect located in hoistway at top landing to facilitate elevator installation prior to start of project.
75. Provide, In hoistway at top landing, 480/208 VAC (USA) or 575/208 VAC (Canada) three-phase permanent power, including piping, wiring and non-fused disconnect with 1½" knock-outs (Eaton DH362UGK or similar). Coordinate installation with KONE Supervisor. Note: If a battery-powered rescue device is required, the above mentioned disconnect must have an auxiliary contact monitored by elevator controller that is positively opened mechanically and is normally closed (NC) when the main power is in the ON position, and is normally open (NO) when power is in the OFF position.

Bid Attachment "B"  
Site Safety Requirements/ Work by Others

76. Provide a single means of disconnecting all ungrounded main power conductors for each elevator by an enclosed, externally operable, fused motor circuit switch or circuit breaker. Must be lockable in the open position. This disconnecting means shall disconnect the normal power service as well as emergency power service, when provided. Note 1: If a circuit breaker is to be provided in lieu of fuses, an adjustable time-delay style is recommended. Note 2: If a battery-powered rescue device is required, the above-mentioned disconnect must have an auxiliary contact monitored by elevator controller that is positively opened mechanically and is normally closed (NC) when the main power is in the ON position, and is normally open (NO) when power is in the OFF position. Note 3: If a battery-powered rescue device is required and a separate shunt trip breaker which is subject to either the hoistway or control space sprinkler system is provided, the shunt trip breaker must have an auxiliary contact that is positively opened mechanically and is NC when the main power is in the ON position.
77. Provide a Direct-in-dial (DID) analog phone line, activated at least one week prior to inspection, terminated at the top landing ICS location. GC/ Owner may elect to have a separate analog line installed (one per elevator), or GC/ Owner may elect to provide DID lines from an Analog Station Card in the building's PBX system. If GC/Owner provides a Direct Dial analog phone line or lines off an existing PBX phone system, a backup power source must also be provided. All phone and associated equipment provided by GC/ Owner shall be in compliance with the requirements of ASME A17.1/ CSA B44, local codes and applicable law, as amended.
78. Provide all fire alarm initiating signals as required by all national, state and local codes for termination at the primary elevator ICS Panel in each group.
79. Provide emergency power transfer switch and power change pending signals as required- 2 Normally open dry contacts from transfer switch to primary elevator ICS panel (2 pairs plus ground wire). 1 Contact closes to signal emergency power is present, 1 contact closes to give 30 second pre-signal prior to transfer switch change.
80. Furnish and install smoke detectors and fire operation per ASME A17.1/CSA B44 sec 2.27.3.2, NFPA 72; one for lobby detector, machine room detector, hoistway detector, and one for all grouped non-lobby detectors are required. Provide normally-closed dry contacts, with wiring, to primary elevator ICS Panel for each group listed above.
81. Provide and install smoke detector in hoistway as required per local codes, and in all elevator lobbies.
82. Provide heat detectors and "shunt-trip operation" when sprinklers are to be provided in top floor elevator lobby or hoistway, (ASME A17.1 sec 2.8.2.1.2, NFPA 13 sec 4-13.5, ASME A17.1 sec 2.8.2.3.1, ASME A17.1 sec 2.8.2.3.2, NFPA 72).
83. Non-elevator related piping and equipment is prohibited in hoistway (ASME A17.1/CSA B44 sec 2.8.1, ASME A17.1/CSA B44 sec 2.8.2).

**Access Integration/Security**

84. Our proposal includes KONE logic and provisions for the specified Touchscreen(s), Keypad Destination Operating Panel(s), Monitoring System(s) and Multi-Media Equipment.
85. Card Readers and/or any additional required hardware & software for proper functionality of access control/security system(s) shall be furnished and installed by others.
86. Any required interface software to ensure proper communication between KONE control system(s) and building system(s) shall be the responsibility of others.
87. A designated 115V 15A circuit is required at each of the remote monitoring stations.
88. KONE recommends a minimum 100 Mbit/s Ethernet for each of the following application(s): Integrated Touchscreen/Keypad Destination Operating Panels, Monitoring System, Multi-Media Equipment, and Card Readers.



## Tender Approval

We have read in full and approved the content of this tender and its appendices for project Dover Police Station, Tender No. T-0000730215.

**Customer**

Place, date

Place, date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

Clarification

Clarification

**Contractor KONE Inc.**

Boston Office

Place, date

Place, date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 26, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**Maine Masonry Co., Inc.**  
**MASONRY**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **MASONRY** contract for subject project to **Maine Masonry Co., Inc.** for the total amount of **Six Hundred Fifty Seven Thousand Two Dollars and 0.00/100 (\$657,002.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger. The final contract amount subject to reconciliation of final VE accepted by City.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

**Capt. William Breault**

1/26/15  
Date

Bidding Information		Bid Date: 12/18/2014	
Job: DOVER PSP/PARKING GARAGE		Bid Date: 12/18/2014	
Trade	Division	Max. Estimate	Min. Estimate
Spec. Sections	Division	Max. Estimate	Min. Estimate
Scope Check List	Division	Max. Estimate	Min. Estimate
State Bid	Division	Max. Estimate	Min. Estimate
MASSUREY Division 04 04 20 00, 04 20 00, 04 20 00, 04 20 00	04 20 00, 04 20 00, 04 20 00, 04 20 00	317,433,000	317,433,000
POULICE STATION PARKING GARAGE	04 20 00, 04 20 00, 04 20 00, 04 20 00	577,000	577,000
Documents	04 20 00, 04 20 00, 04 20 00, 04 20 00	80,000	80,000
RFIs	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
Addendums	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
SCHEDULE	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
Scope	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
Exclusions	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
TOTAL	04 20 00, 04 20 00, 04 20 00, 04 20 00	657,000	657,000
TOTAL W/ (yellow items)	04 20 00, 04 20 00, 04 20 00, 04 20 00	657,000	657,000

Trade	Division	Max. Estimate	Min. Estimate
Spec. Sections	Division	Max. Estimate	Min. Estimate
Scope Check List	Division	Max. Estimate	Min. Estimate
State Bid	Division	Max. Estimate	Min. Estimate
MASSUREY Division 04 04 20 00, 04 20 00, 04 20 00, 04 20 00	04 20 00, 04 20 00, 04 20 00, 04 20 00	317,433,000	317,433,000
POULICE STATION PARKING GARAGE	04 20 00, 04 20 00, 04 20 00, 04 20 00	577,000	577,000
Documents	04 20 00, 04 20 00, 04 20 00, 04 20 00	80,000	80,000
RFIs	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
Addendums	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
SCHEDULE	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
Scope	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
Exclusions	04 20 00, 04 20 00, 04 20 00, 04 20 00	0	0
TOTAL	04 20 00, 04 20 00, 04 20 00, 04 20 00	657,000	657,000
TOTAL W/ (yellow items)	04 20 00, 04 20 00, 04 20 00, 04 20 00	657,000	657,000



**Maine  
Masonry  
co inc**

75 MANSON LIBBY ROAD, SCARBOROUGH, ME 04074  
207/883-6503 FAX 207/885-0972

**BID PROPOSAL**

**DATE: 12/19/14**

**FROM: Steve Gammon**

**PROJECT: Dover Police Facility and Public Parking Garage**

**SPECIFICATION SECTION (S) #:04 20 00, 042000.1, 04 72 00**

**PLAN PAGE(S) AND DATE(S): Plans dated 11/17/14**

**BID PRICE: \$634,015.00**

**BREAKDOWN (note this breakdown is for accounting purposes only. Actual prices for individual scopes of work would vary from these prices)**

**POLICE FACILITY:\$573,539.00**

**PARKING GARAGE:\$60,476.00**

**To substitute Morin Brick approved as an alternate for this project (for both field brick and accent brick)**

**DEDUCT:\$8,641.00**

**To substitute Precast Cast Stone (Wet Cast) for specified Cast Stone (Dry Cast)**

**DEDUCT:\$23,900.00**

**To substitute Custom Cast Stone for specified Cast Stone (both are Dry Cast Products)**

**DEDUCT:\$17,495.00**

**To substitute Hunter XCI (Equal to Dow Thermax) Insulation for specified products**

**DEDUCT:\$42,578.00**

**To provide Two-Piece Cap Flashing by Key-Stone at Precast Coping (Thru wall piece to be supplied and installed, the counter flashing insert is supplied only to be installed by roofing contractor) ADD:\$7,483.00**

**To supply and install CMU with Insulation Inserts at Elevator Control Room 603 and at Exterior (South and East) walls of Sally Port 019:**

**For Icon Inserts (Approximately R-5 to R-6) ADD:\$1,900.00**

**For Omni Block from Genest Concrete (Approximately R-20 to R-30) ADD:\$4,400.00**

**To grout 12 CMU Fire Wall between Police Facility and Parking Garage Solid at all cells with or without reinforcement (This is not necessary to achieve the specified fire rating and does not seem to be indicated in the plans) ADD:\$16,800.00**

To furnish and install sealant at interior and exterior masonry walls. Includes caulking of all head joints and bed joints of precast sills, bands and copings. Includes caulking of exterior expansion joints in brick walls. Includes caulking of control joints at interior CMU walls. Includes Fire Rated Caulking Assemblies at CMU partitions which have a fire rating. Includes caulking 1 side only at 12" CMU Firewall. Includes caulking both sides of all other CMU control joints. Excludes caulking or sealants for windows, doors, curtainwalls, storefronts or any other penetrations through masonry

ADD:\$13,854.00

To supply 2hr rated CMU infills in place of precast infills as shown on 1/G-A-202 and 2/G-A-201. Includes 12" CMU at Detail 2/G-A-202 and 8" CMU at Detail 1/G-A-202. Includes (1) #4 vertical rebar (supplied by others) and grout at 48" on center. Includes horizontal bondbeam with (2) #5 rebar (supplied by others) at last full course of infill. Includes drilling and epoxy setting rebar dowels (assuming it will be acceptable to drill into precast spandrel, excludes any engineering or alternate means of anchoring dowels if drilling is not allowed) Includes partition top anchors at top of each infill (also assuming it will be acceptable to fasten anchors directly to spandrel above using tapcon screws, does not include engineering or alternate means of attachment if this is not allowed). All CMU to be installed parallel to the spandrel below. Includes fire caulking at top joint of infill. Fire caulking to differ from detail 12/G-A-501. 1" Joint to be filled with mineral wool insulation and caulked with 3M cp25wb Firestop Sealant on (1) side only (Garage side). ADD:\$39,500.00

To supply and install Hilti CP 606 firestop sealant and CF-AS CJP insulating foam in place of 3M product listed above (Hilti is available in Red, White or Grey. 3M is available in Red only

ADD:\$825.00

**To provide Hohmann & Barnard Thermal 2-Seal Wing Nut Veneer Anchor in lieu of Pos-I-Tie Veneer Anchor ADD:\$5,350.00**

**INCLUDES:** Includes labor, material and equipment required to complete the masonry portion indicated in the plans and specifications. Includes new brick veneer with recessed accent bands as shown. Base price includes MCAVOY and BELDEN modular brick as specified. Includes Pos-I-Tie veneer anchors with continuous seismic wire at 16" on center horizontally and vertically. Includes 2 layers of 2" insulation in the masonry cavity. Includes stainless steel through wall flashing at base of veneer and over masonry openings. Includes 4x12x24 Ground Face CMU. Includes Cast Stone sills, bands and copings. **Includes supplying crane for setting precast coping.** Includes interior CMU walls in the Police Facility and Parking Garage as shown. Includes supplying and installing all rebar (except for foundation dowels) and grout as specified. **Includes supplying and installing rigid insulation in the cavity between the 12" CMU Firewall and the Parking Garage. Includes supplying and installing fire safing and acoustical sealants at tops of CMU walls in the Police Facility.** Includes Colored mortar (Solomon Grind H Series) for masonry veneer. Includes water repellent in mortar for Ground Face CMU only. Includes supplying weld on anchors to be installed by others. Includes veneer mock up as specified.

**EXCLUDES:**

1. Winter heat and cover
2. All caulking of masonry control joints, masonry openings or joints in cast stone
3. Any sealants applied to masonry
4. Testing and special inspections
5. Supply of temporary water and power

6. **Foundation rebar dowels**
7. **Debris removal from site**
8. **Air vapor barrier or damp proofing**
9. **Angles or clips for permanent attachment at top of CMU walls**
10. **Two piece cap flashing for tie in to roof flashing at precast copings (04 20 00-2.05C)**
11. **Insulation inserts at Parking Garage CMU**
12. **Insulation or any finish applied to CMU at Parking Garage (Similar to Detail 5/G-SS-522)**
13. **Supplying or installing all thin brick**
14. **Water Repellent Additive in any mortar or masonry unit except ground face CMU**
15. **Traffic Control or Flaggers**
16. **Fire Safing of penetrations through CMU walls**
17. **All welding**

**INSTALL ONLY FURNISHED BY OTHERS:** Loose Steel Lintels, Hollow metal door frames in CMU walls

**FURNISH ONLY INSTALLED BY OTHERS:** Weld on anchors for columns and beams

**ACKNOWLEDGED ADDENDUM(S):** #1 dated 12/9/14, #2 dated 12/16/14, RFI's #1-#10

**NOTE:** This proposal may be withdrawn by us if it is not accepted in writing within 30 days.



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 26, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**American Steel Fabricators**  
**MISCELLANEOUS METALS**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **MISCELLANEOUS METALS** contract for subject project to **American Steel Fabricators** for the total amount of **Two Hundred Sixty Five Thousand Six Hundred Dollars and 0.00/100 (\$265,600)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

**Capt. William Breault**

1-26-15

Date







P.O. Box 312 · 328 Sawmill Road · Greenfield, NH 03047  
Tel (603) 547-2585 · Fax (603) 547-2578  
[www.americansteelfab.com](http://www.americansteelfab.com)

**Project: Dover Police**

**Location: Dover, NH**

**Drawings: S0.0-0.4, 1.1-1.6, 2.1-2.3, 3.1-3.3, 4.1-4.2 (11/17/2014); A0.00, 0.1-0.5, 1.0-1.7, 2.1-2.3, 3.1-3.6, 3.8, 3.10-3.13, 4.0, 4.1, 4.10, 4.20, 4.21, 5.1, 5.2, 6.1-6.3, 7.1-7.3 (11/17/2014)**

**Addenda: #1, #2**

**Pre-Bid Request for Information Answers: #1, 5, 6, 7, 8, 9, 10, 11, 12**

**RFI Answers: #24**

**Spec: 055000, 055100**

**Cleaning / Prep.: SP3 (unless noted otherwise)**

**Primer: One Coat of TNEMEC #88HS (unless noted otherwise)**

**Erection: Open Shop/Non-prevailing wage**

**Revised Bid date: 1/26/2015**

**Tax: No**

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## Misc. Metals - Building

### Furnished and Installed (Primed U.N.O.)

1. Stair 50 (12 ga. Steel pan, MC12x10.6 Stringers, Picket Rail made of welded 1 ½" std. pipe rails and posts with ½" round Pickets and 1-line 1 ¼" std. Pipe handrail and 1-line 1 ¼" std. Pipe handrail at walls) **(Includes picket rail at open area gap at exterior wall)**
2. Stair 51 (12 ga. Steel pan, MC12x10.6 Stringers, Picket Rail made of welded 1 ½" std. pipe rails and posts with ½" round Pickets and 1-line 1 ¼" std. Pipe handrail and 1-line 1 ¼" std. Pipe handrail at walls) **(Includes picket rail at open area gap at exterior wall)**
3. Rails at exterior steps (Picket Rail made of welded 1 ½" std. pipe rails and posts with ½" round Pickets and 1-line 1 ¼" std. Pipe handrail and 1-line 1 ¼" std. Pipe handrail at walls) (Primergalvanized)
4. Rails at exterior Egress Ramp and CIP Steps (Picket Rail made of welded 1 ½" std. pipe rails and posts with ½" round Pickets and 1-line 1 ¼" std. Pipe handrail and 1-line 1 ¼" std. Pipe handrail at walls) (Primergalvanized)
5. (170) Seismic CMU clips
6. HSS Steel supports at Ballistic Glazing per A7.1 at rooms #110 and #116 only, using HSS 6 x 3 x 3/16 materials
7. (1) Elevator Pit Ladder
8. (3) Elevator sill angles



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**Furnish Only**

1. Loose Lintels at exterior brick veneer (galv.) per S0.4
2. Loose Lintels at interior cmu wall openings per S0.4
3. Abrasive Nosings at 2 exterior CIP Stairs
4. (1) Elevator sump pump pit cover and frame
5. Detailed Shop drawings and Erection plans
6. Engineered calculations for Rails and Stairs only

**Installed Only (materials supplied by others):**

1. (1) Elevator Hoist Beam

**Misc. Metals - Garage**

**Furnished and Installed (Primed U.N.O.)**

1. Steel Supports and roof decking at Garage Stair #2 Roof per G-SS-420 (Galvanized at steel and galv. at decking)
2. Rails at Precast Stair #1 (Picket Rail made of welded 1 ½" std. pipe rails and posts with ½" round Pickets and 1-line 1 ¼" std. Pipe handrail and 1-line 1 ¼" std. Pipe handrail at walls, 1-line posted rails made of 1 ¼" std. pipe) (Primergalvanized)
3. Rails at Precast Stair #2 (Picket Rail made of welded 1 ½" std. pipe rails and posts with ½" round Pickets and 1-line 1 ¼" std. Pipe handrail and 1-line 1 ¼" std. Pipe handrail at walls, 1-line posted rails made of 1 ¼" std. pipe) (Primergalvanized)
4. (6) Bollards with baseplate and backerplate (6" sch. 40 pipe, unfilled, no cap, Primergalvanized)
5. Seismic CMU Clips (galv.)
6. Parking Garage Metal Infill Panels at exterior façade. Panels shall be "Ametco Manufacturing Corporation steel security grilles or acceptable substitution approved by the architect, "Blockade Design" - 2-7/16" x 5-3/16" mesh, 1-3/16" x 5/32" main bar and 1/4" round cross bars and installation hardware, Hot dip galvanized finish with polyester powder coat finish; Color selection shall be from one of the manufacturers 15 colors. Installation shall include all mounting brackets, anchors and hardware required for a complete installation and finished matching the infill panel. 1 area per 1/G-A-201 all level: 1 at 11'-6" high x 56'-6". 3 areas per 2/G-A-202 with sloping continuous heights: 1 at 12'-6" high point

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x 34'-0"; 1 at 10'-6" high point x 34'-0"; 1 at 7'-6" high point x 34'-0". Includes Flat Bar posts.

7. (1) Elevator Pit Ladder (galv.)
8. (5) Elevator sill angles (galv.)
9. (20) Galvanized Steel Clips at (4) PVC Headache Bars per 5/G-A-603

### Furnish Only

1. (3) Bollards (6" sch. 40 pipe, unfilled, no cap, Primergalvanized)
2. (1) Elevator sump pump pit cover and frame (galv.)
3. Grating and Galvanized Embedded Frame at Areaway (1 ¼ x 3/16", 19W4 bar grating, galv.)
4. Detailed Shop drawings and Erection plans
5. Engineered calculations for Rails and Stairs only

### Installed Only (materials supplied by others):

2. (1) Elevator Hoist Beam

American Steel Fabricators is Proud to be AISC CERTIFIED for the following:

“Standard for Steel Building Structures (STD)”

“Simple Steel Bridges (SBR)”

“Standard for Bridge and Highway Metal Component (CPT)”

\*Misc. Metals Base Price - Combined: **\$265,600**

Breakout pricing: Bldg.= \$123,340 and Garage= \$142,260

All steel delivery & pricing subject to material and shop time availability at time of award. Because of the volatility of steel prices this quote will be subject to any future steel price increases.

Add **\$2,000** for bond at Misc. Metals

### Alternate:

1. Add to furnish only the embedded plates for CMU Clips at Garage only (by precast sub.?) **Add \$3,625**
2. Add to furnish and install 2" Tube steel posts at Garage Ametco Infill Panels in lieu of Flat Bar posts **ADD \$7,150**

The Fabricator Specifically Excludes:

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1. Pickets as 1" square bar per 6/GA-A-561. We will be using ½" square bar per 4/GA-A-561 instead
2. AESS (per "Pre-Bid Request for Information #8")
3. Tnemec #10-1009 primer. We are using Tnemec #88HS (per "Pre-Bid Request for Information #8")
4. Explosion Panel System, esp. per J1/A2.2 (Still awaiting info. from EOR)
5. Steel Pipe Guards at Garage, esp. per 9/G-A-561
6. Chain Link Fence
7. Items per spec. 055000-2.03C, D, F, G, H, I, K
8. (3) Roof Tie-off Safety anchors (galv.)
9. "Epic" brand decking at Garage Stair #2 Roof per G-SS-420. We will be using decking as called out per RFI #24.
10. Priming or painting of Metal Decking
11. Loose Lintels at Garage (These are CMU Bond beams per details 3, 4/G-SS-580 which will be supplied by others)

**The Fabricator Always Excludes:**

1. **Engineering calculations unless noted above**
2. Costs of independent inspection and testing
3. Charpy V-notch testing/inspection
4. Permits, police details, barricades, uniformed firewatch, flaggers
5. Demolition unless specifically noted above
6. Prep. of existing steel to receive new steel
7. Lead abatement
8. Finish paint unless noted above
9. Field paint and/or touch-up of structural steel
10. Removal of water, snow and ice from decks
11. Maintenance and removal of safety cables and safety posts in scope completed areas
12. Roof perimeter safety cable
13. Cutting and protection of openings in roof deck
14. Hoisting of materials for other trades (can be done T&M)
15. Six Foot Tie-off for erection
16. Reinforced beam openings
17. Floor frames (unless specifically shown on S-drawings)
18. Roof frames (unless specifically shown on S-drawings)
19. Burglar Bars at Floor Frames or Roof Frames
20. Web doubler plates
21. Deck support at columns
22. Rubber closures, hanging tabs, insulation at decking
23. Shoring of steel or deck other than temporary normal guying for erection



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24. Temporary rails at stairs.
25. Blocking for wall rails.
26. Temporary wood blocking in empty stair pan treads and landings
27. Sanitary Coves at metal pans of stairs
28. Backer Riser plates at Grating Tread Stairs
29. Abrasive Nosings at Interior Stairs
30. Concrete of any kind
31. Metal Lath for concrete at treads or landings
32. Blast cleaning (see notes above)
33. Costs of P&P bond (unless noted otherwise)
34. Protection of materials after installation
35. Fasteners for other trades
36. Masonry anchors
37. Liquidated damages
38. Unistrut
39. Sump pans
40. **Core Drilling of rail posts** (unless noted above) We will supply E-Z sleeves. If core drilling is needed the costs are: \$40 each at Poured Concrete and \$90 each at Granite
41. Anchor Bolt Survey by licensed surveyor (We will use our forces and give marked up plans to GC)
42. Fire-trol columns
43. Mastic coating
44. SSPC-QP 3 painting certification
45. AISC certification for Erection
46. DBA's, Rebar or coupler's
47. Priming of bolts or fasteners
48. **All items not specifically listed in the above scope**

### **Qualifications:**

1. All work performed during regular working hours
2. Brace plates taken as plate ½" x 12" x 18" max. and with a 5/16 fillet weld max. Any increase in size due to engineering calculations will result in a change order.
3. Any fasteners designated as Hilti Brand will be substituted with an equivalent (unless listed specifically above)
4. Steel Grades: W-shapes = A992 Grade 50; plates, channels, angles = A36; HSS = A500 Grade B; Bolts = A325; Anchor bolts = Grade A307
5. Stair design based on 100 lb. of uniform load and 300 lb. of concentrated load.
6. Rail design based on 50 lb. of uniform load and 200 lb. of concentrated load.



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7. Typical stair design based on MC 12 x 10.6 stringers, 12 ga. steel pans, bent ¼" plate carriers for pans, posts or hangers concealed within walls, as needed, and we exclude supplemental framing. All items are shipped "Broken Down" in pieces and field assembled. Any increase in sizing or added items not currently stated will result in a change order. Typical unless noted otherwise.
8. All floor frames and roof frames to be erected with structural steel before decking is installed (drop-in type)

#### G.C. to furnish to ASF

1. Proper access inside and around the building for all trucks, cranes and man lifts.  
Level Grade for equipment travel is required.
2. Control lines and grades for plumbing and aligning
3. Free and clear access to all points of work.
4. Proper shake out area for all materials

PRICE VALID FOR 10 DAYS FROM BID DATE/SUBJECT TO TERMS AND CONDITIONS

Whereas, General Contractor/Construction Manager, has requested a proposal from miscellaneous Fabricator, (Hereinafter "Fabricator"), American Steel Fabricators, Fabricator does hereby submit this written proposal (the "Proposal") for the performance of work as indicated below. This Proposal shall be valid for ten (10) days from the date indicated above, after such time it shall become voidable at the sole option of Fabricator. This Proposal shall be deemed accepted and binding upon its signature by General Contractor and /or the issuance of a Purchase Order or Subcontract by General Contractor to Fabricator, such Purchase Order or Subcontract shall not be construed as a counteroffer, but shall be incorporated into this Proposal by reference. To the extent that there is any conflict between such Purchase Order or Subcontract and this Proposal, this Proposal shall govern.

Fabricator agrees to perform the following work, subject to the Terms and Conditions set forth below:

Such work shall be done in accordance with, and pursuant to, the "Contract Documents" which shall consist of this Proposal; the documents indicated above, which were in the possession of Fabricator as of the date of this Proposal and upon which this Proposal was based and the Code of Standard Practice for the Architectural Metal Industry (the "Code") as promulgated by the National Association of Architectural Metal Manufacturers (NAAMM). Should there be any inconsistency or ambiguity between this Proposal and the Contract Documents or Contract Specifications as to the Scope of the Work to be performed by the Fabricator, this Proposal shall govern. Should there be any conflict between the above referenced Code and the Contract Drawings or Specifications, the provisions of the aforementioned Code shall govern.

#### Terms and Conditions

1. **Payment.** Fabricator shall invoice Buyer for monthly progress payments, which shall include costs associated with engineering, detailing, material procurement, fabrication and delivery. Such invoices shall be paid net within 30 days of receipt and such payment shall not be conditioned upon receipt of funds from any other source. Interest on late payments shall accrue at the rate of

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- 1.5% per month. To the extent that any amounts due or to become due under this Proposal are sent by the Fabricator for collection for non-payment as set forth herein, Fabricator shall be entitled to all costs associated with such collection including, but not limited to, attorneys fees.
2. **Delivery.** Delivery and erection of the materials covered by this Subcontract shall be performed during normal working hours. General Contractor agrees to take delivery and/or allow Fabricator to unload Misc. Metals prior to the erection of said steel for the purposes of creating float which can be used to maintain any applicable erection schedule and eliminate downtime.
  3. **Claims.** No claim, back charge, or deduction, including those related to time, shall be valid unless it is made, in writing, to the party being charged within ten (10) days of the event giving rise to such claim. In the event of a claim, dispute, or any other matter in question arising out from or related to the work covered hereunder the parties hereby agree that the Fabricator shall have the right to refuse to perform the work until/unless the General Contractor provides a written change order for the work, or the General Contractor may elect to have the work performed by another party upon the Fabricator's Refusal.
  4. **Delay.** It is expressly understood that this proposal is based upon the work being performed in a timely and orderly fashion. To the extent that Fabricator is delayed in the performance of the work called for under this Proposal, for any reason which is not the fault of Fabricator, Fabricator shall be entitled to recover any additional expense incurred as a result of such delay including, but not limited to, material escalation and/or labor escalation in Fabricator's shop or on behalf of Fabricator's Erector, increased overhead costs, and any other delay damage, provided that Fabricator gives timely written notice to the General Contractor of such a delay claim. Should the project be delayed for a period exceeding ninety (90) days, Fabricator shall be entitled to terminate its performance hereunder with no remedy to General Contractor and shall be entitled to all amounts then due hereunder.
  5. **Retainage.** To the extent that any retainage is to be withheld from the payments contemplated hereunder, it is expressly understood that all such retainage shall become due and payable to Fabricator upon substantial completion of the Misc. Metals or upon the expiration of 60 days from the date Fabricator, or any subcontractor to Fabricator, last performed work on the project, whichever occurs first.
  6. **Warranties.** The only warranties that shall apply to the performance of the work called for under this Proposal are those set forth in the Contract Documents referred to above. Fabricator expressly disclaims all other warranties, express or implied, and the warranties of merchantability and/or fitness for a particular purpose.
  7. **Damages.** Fabricator is not responsible for special, incidental, or consequential damages. Fabricator is not responsible for damage to its work by other parties, and any repair work necessitated by such damage shall be extra work for which Fabricator shall be entitled to additional compensation.
  8. **Waivers of Lien.** Waivers of lien or bond rights shall exclude retainage, unfilled changes, claims which have been asserted in writing or which have not yet become known to Fabricator, and shall only apply through the date of work for which Fabricator has been paid in full or shall be conditional upon receipt of funds to Fabricator's account.
  9. **Indemnification.** To the fullest extent permitted by law, the Fabricator shall indemnify and hold harmless the Owner, General Contractor, and Architect/Engineer from and against all claims, damages, losses and expenses arising out of or resulting from performance of the Fabricator's work under this Proposal, provided that any such claim, damage, loss, or expense is attributable to bodily injury or the injury to or destruction of tangible property (other than the work itself), but only to the extent caused by the negligent acts or omissions of Fabricator, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder.



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\_\_\_\_\_  
Fabricator

By:

\_\_\_\_\_  
General Contractor

By:



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 12, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**William E. Dailey Precast, LLC**  
**PRECAST STRUCTURAL CONCRETE**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **PRECAST STRUCTURAL CONCRETE** contract for subject project to **William E. Dailey Precast, LLC**, for the total amount of **Three Million Seven Hundred Sixteen Thousand Seven Hundred Dollars and 0.00/100 (\$3,716,700.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger. The final contract amount subject to reconciliation of final VE accepted by City.

The following VE alternates are pending further investigation from Construction and Design Teams:

- Fire caulking V/E Option
- Proposal to reduce piece count
- DEDUCT - CMU Block fin Lieu of Precast for 2370sf of spandrel infill

If you have any question or concerns, please advise.

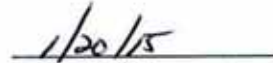
Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the  
aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated  
above.

  
Capt. William Breault

  
Date





December 19, 2014

Mr. Joe Pollock  
Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110

Phone: 603-624-4600  
Fax: 603-668-0389

**Re:** Dover Police Station Parking Garage  
Pricing and Scope for Precast/Prestressed Concrete Parking Garage

Thank you for considering Dailey Precast, LLC for the Precast/Prestressed Concrete for the Dover Police Station Parking Garage. Pricing was based on the Construction Documents dated November 17, 2014. I have outlined the design parameters we incorporated below in order to better clarify the layout and pricing of the structure.

**Design Parameters**

- Two bay wide by five bay long garage (~121' x ~212' footprint), four elevated levels, approximately 94,000 SF of elevated deck.
- Separate on-grade parking for police. General garage access at first elevated level with ramping along both sides of garage.
- Garage abuts new police facility on the west elevation and northwest corner. Precast wall panels and spandrels with infill panels utilized in these locations for fire separation. Typical column and spandrel framing elsewhere around perimeter of garage.
- Exterior design elements of garage include thin brick infill of spandrel panels in a "picture frame" layout. Narrow, 9" depth of spandrels (including 3" brick recess) to be addressed during scope review/design phase of garage. Typical spandrel thickness is 12" with a minimal 3/4" to 1 1/2" brick setback from the face of the panel.
- Included (1) precast stair/elevator tower in the northeast corner of the garage along with a second drop-in stair at the southwest corner of the garage.
- CIP retaining walls at 3-line between A-B lines and from 3 to 6-line along B-line.
- Due to the architectural thin brick façade panels, white cement/color concrete for external precast elements was excluded from the pricing.
- Pricing based on 12,000 SF of MetroBrick #310 Main Street and #350 Main Street Flashed, Norman size (2 1/4" x 11 5/8" x 5/8") thin brick.
- Included 3 gal/yd of corrosion inhibitor in horizontal precast components.
- Pricing based on 4" flange thickness and standard 34" deep DT's with 30" stem depth.
- Included 40% silane sealer and caulking on elevated deck.
- Pricing includes Emseal WFR3 fire rated foam along vertical joints of precast wall panels abutting the police department building on the north and west elevations.
- Pricing based on using SS plates with plain reinforcing steel for the chord diaphragm steel in the precast DT's.
- Add Alternate pricing provided to accommodate oversized vehicle parking on the south side of B-line between 5-6 line.

Design to be reviewed during eng/design phase

WPC design intension was to have 9" structural section in 36" bays. WPC would be amenable to increasing thickness in 48" bays if required by design.

Design intension was to match precast elements used in PD facade construction, which come in limited colors. WPC recommends that garage precaster submit standard color sample for review before costs for face mix are excluded.

No face mix. Cost for color concrete in spandrels/columns/wall panels is \$151,400 add.

Horizontal joints to be grouted

Why only vertical joints? All joints in these areas will need to be 2-hr rated.





Pricing for the parking structure is listed below. We have also included our Dailey Precast General Project Scope Check List dated December 19, 2014 for consideration. This document is intended to compliment the project bid documents and provide a basis for discussion with regards to inclusions and exclusions. A thorough review meeting is required to discuss the project requirements along with a review of the owner and contractor expectations. Pricing may vary accordingly based on final construction requirements and documentation.

**Pricing:**

Precast/Prestressed Garage:	\$	3,684,700.00
Tax –	\$	N/A
<u>Bond – Performance, Labor and Material Payment</u>	\$	<u>Add Alt #1</u>
<b>Total</b>	<b>\$</b>	<b>3,684,700.00</b>
 Add Alternate #1 – Performance, Labor and Materials Payment Bond Costs	\$	32,000.00
 Add Alternate #2 – Accommodate Oversized Vehicle Parking on The South Side of B-line Between 5-6 Lines	\$	22,800.00

We would welcome the opportunity to participate further in this project. Please feel free to contact me at (802) 442-4418 (ext. 210) any time to discuss and/or set up a meeting to review the pricing and layout of the structure.

Sincerely,  
Tim Breen  
Sales Manager

GC, please have precaster provide itemized list of cost increases from the DD budget for review and discussion.

Increases in cost due to foam fire caulk, including precast wash/chord steel in design, additional pieces in current takeoff and increase in current labor and materials costs.

# Dover Police Facility Parking Garage – Dover NH

## Dailey Precast General Project Scope Check List (December 19, 2014)

Line #	Item	Included	Excluded	Comments
1.00	<b>Precast Components</b>			
1.01	Double Tees	X		4" flange thickness, 3/4" deep (30" stem)
1.02	Columns	X		
1.03	Beams	X		
1.04	Shear Walls	X		
1.05	Light Walls	X		
1.06	Spandrels	X		
1.07	Stairs	X		
1.08	Flat Slabs	X		
1.09	Wall Panels	X		
1.10	Precast Bollards		X	
1.11	Site Precast		X	
1.12	Underground Structures		X	
1.13	Copings, Sills, Lintels, Etc		X	
1.14	Wheel Stops, and Parking Curbs		X	
2.00	<b>Engineering and Design</b>			
2.01	Precast Component Design Calculations	X		
2.02	Precast Erection Drawings	X		
2.03	Fabrication Drawings for record	X		Includes Field Modification Booklet.
2.04	Precast Coordination Drawings	X		
2.05	E&O Insurance	X		\$2 Million policy included
2.06	Architectural Design		X	
2.07	Structural Engineer of Record		X	
2.08	Superstructure and Foundation Engineering		X	
2.09	Geotechnical Engineering		X	
2.10	Civil/Landscaping Engineering		X	
2.11	MEP's, Security, Fire, Etc. Scoping Documents		X	
2.12	Building Code Review		X	
2.13	Signage and Graphics Scoping Documents		X	
2.14	Specifications for thermal and moisture protection		X	
2.15	Construction Admin services		X	
2.16	Environmental Engineering		X	
2.17	Traffic Engineering		X	
2.18	Building or Construction Permits		X	
2.19	Final Field Inspection		X	
2.20	Provisions for Future Expansions		X	
3.00	<b>Precast Fabrication</b>			
3.01	Natural Aggregates	X		Aggregates shall be from Wm. E. Dailey, Inc. local resources
3.02	Grey Cement	X		Cement shall be Gray Type I or III by Lehigh Glens Falls Cement Co. as req'd by design
3.03	Exterior Colored Concrete		X	Blend of Type III Lehigh White and Gray Cement and pigment to match Architect Sample.
3.04	5000 psi Minimum Design Strength	X		
3.05	Corrosion Inhibitor	X		3 Gal. per Cubic Yd in horizontal precast components - DT's, beams, slabs, stair risers
3.06	Plain Reinforcing Steel	X		
3.07	Precast Washes	X		At low side of DT
3.08	Recess at Stair Towers	X		Recessed areas to allow for CIP leveling topping at entrances/transitions

Refers to precast engr site visit not included

Please confirm that this comment means inspection is included as noted.

Design intension was to match precast elements used in PD facade construction, which come in limited colors. WPC recommends that garage precast submit standard color sample for review before costs for face mix are excluded.

See cover letter comments

OK, subject to compatibility with welded connections.

## Dover Police Facility Parking Garage – Dover NH

### Dailey Precast General Project Scope Check List (December 19, 2014)

Line #	Item	Included	Excluded	Comments
3.09	Recesses for CIP Toppings	X		Recessed areas to receive Rake finish for CIP Blending Topping as req'd
3.10	SS DT Flange to Flange Connections	X		Connection as manufactured by JMI called the Vector Connector (Excludes Chord Connection)
3.11	SS DT Chord Connections	X		Includes SS plates with plain steel rebar at ends of DT's.
3.12	CIP Chord Reinforcing	X	X	Chord reinforcing in CIP Toppings to be supplied and installed by others <b>Correct, refer to item 3.11</b>
3.13	HDG Connections (J.N.O.)	X		HDG Plates with Plain A706 Weldable Rebar
3.14	Pour Side Finish (Horiz.)	X		Horizontal Components to receive medium broom finish
3.15	Pour Side Finish (Vert.)	X		Vertical Components to receive mag float leveling finish
3.16	Form Side Finish (Interior)	X		Interior components shall be as cast from Industry Std Forms
3.17	Form Side Finish (Exterior)	X		Exterior components form side shall receive sandblast finish.
3.18	PCI Mrl 116 Tolerances	X		
3.19	PCI In House QC Plan	X		Quality control/testing shall be per PCI standards and WED's QSM Manual (In house Only)
3.20	Mockup Panel	X		Mockup panel to be approved by Architect/Owner at WED's Yard prior to fabrication during a plant visit
3.21	Specialty Aggregates	X	X	Excludes colored special order aggregates
3.22	Fire Rating	X	X	4" DT flange thickness
3.23	Coated Reinforcing	X	X	Epoxy coated deck mesh in DT flanges is excluded
3.24	Independent Inspections	X	X	All independent testing to be by OWNER/GC
3.25	Rubbing or Slurry Coat of panels	X	X	All finishes shall be As Cast. No additional patching, coating or Rubbing is included
3.26	Thin Brick	X		Approximately 12,000 SF of MetroBrick thin brick #310 Mainstreet/#350 Mainstreet Flashed, Norman sized.
3.27	Stair Nosing	X		
4.00	<b>Precast Delivery</b>			
4.01	Standard Hauling Permits	X		Permits included from nearest major route of the project site/staging area
4.02	Shuttle Truck	X		Includes (1) shuttle driver for deliveries to crane hook
4.03	Staging Area	X		Owner/GC shall assist on localizing an on/off site staging area for continuous delivery to project site during erecting for 25-30 Trailers if necessary
4.04	Site Access	X	X	OWNER/GC shall provide Safe, Stable, Firm, Level access into and around site.
4.05	Intercity/Local/Entrance Requirements	X	X	OWNER/GC shall provide all local requirements for access (Street Closing, Police Details, Etc).
4.06	Protection of other work/conditions	X	X	OWNER/GC shall provide protection of ALL existing conditions and other work both inside and out of structure footprint.
5.00	<b>Precast Installation</b>			
5.01	Crane/Crew Mobilization	X		Includes (1) one uninterrupted continuous erecting sequence
5.02	Pre-Install and Install Surveys	X		Erector shall layout out their work prior to mobilizing and during installation of markings provided by OWNER/GC
5.03	PE Stamped Erecting Plan	X		Erecting plan and crane loads shall be reviewed and approved by Engineer of Record
5.04	OSHA Fall Protection	X		Erecting shall be per OSHA Subpart M. 100% tieoff included except for unobstructed rigging of panels on trailers.
5.05	Grout Lifters in Horizontal Planes	X		Hertz Lift Pockets to be filled with grout to within 1/2" and remainder to be caulked
5.06	Cover Lifters in Vertical Planes	X		Vert. Lifter Pockets to be covered with Plastic Disc, Color Selection per Manufacturers Standards
5.07	Grout Connections in Horizontal Planes	X		Hertz Conn Pockets to be filled with grout to within 1/2" and remainder to be caulked
5.08	ZRC Connections (J.N.O.)	X		All other welded connection shall be exposed to view and coated with ZRC after welding
5.09	Structural Welding per PCI Standards	X		
5.10	Structural Grouting	X		Grout horizontal joints and column bases only
5.11	Union Labor	X		
5.12	Crane Permits	X	X	Excludes Local, Road Side and FAA Crane Permits if required
5.13	Crane Assembly Area	X		OWNER/GC shall provide suitable area (50ft x 300ft) for crane assembly
5.14	Crane Access/Mats	X		Transition Grading, Substructure Protection, Etc. is excluded.
5.15	Crane Location	X		Crane to be sited in South bay, erecting West to East
5.16	Access Ramp	X		OWNER/GC to provide access ramp - 6% max grade, 35ft wide, external of garage footprint to allow exit upon completion.
5.17	Overhead Obstruction	X		OWNER/GC shall provide access clear of overhead power lines, wires and other obstructions
5.18	Product Delivery to Crane	X		Access to be maintained by the OWNER/GC around and within footprint of the structure

Only typical reinforcing is required in limited topping areas. All chord steel is embedded in precast members and is supplied by precaster.

Correct, refer to item 3.11

Owner/GC note.

Review for foundation loading

Erecting plan is not by WPC. It is not required to be submitted or reviewed. Precaster shall employ their own Engineer of Record responsible for erection drawings. Crane loading on members and structural elements not part of the precasters design, (foundations, grade beams, walls, etc.) shall be submitted to WPC as Engineer of Record of the garage to review for compliance with element design.

Owner/GC note.

Owner/GC note.

## Dover Police Facility Parking Garage – Dover NH

### Dailey Precast General Project Scope Check List (December 19, 2014)

Line #	Item	Included	Excluded	Comments
5.19	Foundation		X	OWNER/GC shall ensure quality of foundation system in writing, anchor bolts and dowels prior to erector mobilization
5.20	Layout of Work		X	OWNER/GC shall provide Benchmarks, Axis Lines and Grades
5.21	Safety Stairs	X		Includes Temporary rails and kick boards for stair use during precast erecting
5.22	Safety Other		X	Excludes scaffolding, netting, ect. Erecting to be compliant with OSHA Subpart M.
5.23	Crane Dis-Assembly Area		X	OWNER/GC shall provide suitable area (50ft x 300ft) for crane assembly
5.24	Site Quality Control Inspections		X	
5.25	On-Site Cleaning		X	OWNER/GC shall perform any required final wash down or sweeping of structure both interior and exterior
5.26	Provisions for a Rail Road		X	Excludes provisions for any interference and/or delay for work near or adjacent to rail road or use of flagmen
5.27	Job Site Mock-Up		X	WED can provide panel for mockup if req'd. Any installation would be by OWNER/GC
5.28	Hot Work Permits	X		
5.29	Fire Watch		X	
5.30	Safety Monitor		X	Excludes full time safety representative.
5.31	Surveys	X		Includes Pre-erection survey of CIP embeds and a check of elevations at column and dowel locations.
5.32	Specialty Union Requirements		X	Excludes All Specialty Union Labor, Master Mechanics, Teamsters, Standby Trades, Union Shuttle, Carpenters, Etc.
5.33	Water for Grouting		X	
5.34	Electric for Small Tools	X		
5.35	Power for Welding	X		Operating engineer is excluded for generator/gas welding operations.
5.36	Overtime / Off-Hour work		X	
5.37	Hoisting of Materials for Others		X	
5.38	Crane Inspection		X	Excludes additional crane inspection above and beyond yearly inspection
5.39	Excess Crane Capacity		X	Provisions for 150% crane capacity
5.40	Additional Surveys	X		Excludes Final Field Survey or Full Time Field Engineers. Includes daily alignment report from erecting supervisor only.
5.41	Provisions for Winter Conditions		X	Heating and Tenting, Snow Removal, Delays, Etc by General Contractor.
5.42	Provisions for Night Time Work		X	
5.43	Shoring Bracing	X		Excludes shoring bracing of any subgrade walls or underground facilities for crane, truck or equipment loading
5.44	Temporary Stair Access	X		Excludes providing a temporary stair for garage access <b>Noted</b> <i>Dailey/precaster erecting</i>
5.45	Police Details		X	Excludes police detail
5.46	Flagman		X	for (1) flagger at entrance to job site
6.00	<b>Cast-In-Place Work</b>			
6.01	Column Anchor Bolts	X		
6.02	Connection Embed Plates	X		
6.03	Coordination Drawings	X		
6.04	Provide Rebar for Wall Splice Connections	X		
6.05	Embed Templates		X	For precast to CIP connections only
6.06	Toppings on Precast		X	Drawings shall show interface with precast and all connection locations/details
6.07	Foundations		X	Rebar installed by CIP contractor. Connections typical to Shearwalls, Light Walls, Stair Walls, on-grade panels. Embedment Design shall be by EOR. It is recommended that the CIP contractor provide templates for all anchor bolts and splice bars. Tolerance is +/- 1/4"
6.08	Retaining Walls		X	
6.09	Other CIP Work		X	
7.00	<b>Waterproofing</b>			
7.01	Expansion Joints	X		132 LF of TCR400 - horizontal, 212 LF of Emscol Colorseal - vertical
7.02	Caulking	X		with Denver backer rod
7.03	Fire Rated Foam	X		1,344 LF of Emscol WFR3
7.04	Penetrating Sealer	X		94,400 SF of Hydrozo 40% solids. Excludes surface preparation/shotblasting
7.05	Traffic Coating	X		1,840 SF of Neogard
7.06	Winter Heat		X	

**Noted**

Dailey has excluded CIP toppings that means that the CIP contractor will be responsible for them, and bumper walls at punch through stair. Walker will provide a sketch for the scope.

**Noted**

To eliminate confusion, Walker typically requires that all embedded items to connecting precast to CIP are to be supplied by the Precaster, co-ordinated by the GC and installed by the CIP contractor.

**Verify foundation adequacy**

Embedment design is not by EOR (WPC). Design of all connections of Precast elements to CIP elements is to be by the precaster as part of the performance design of the precast. EOR (WPC) shall verify that connections as designed by the precaster will be sufficiently developed in the CIP element as required by the connection design.

Precaster is responsible for supplying lay out drawings for all embedded items in cast-in-place concrete including but not limited to anchor bolts, dowel bars and embedded plates. Installation of all embedded items is completed by the CIP contractor using precasters layouts, and is to be coordinated by the GC in the field. GC note that the precaster is stating that the physical construction of templates for this purpose is not included in their bid but recommended for items with tighter than normal tolerances. WPC strongly recommends that templates be constructed based on the precaster's layouts for tight tolerance items as stated above.

**Noted**

**Dover Police Facility Parking Garage – Dover NH**  
**Dalley Precast General Project Scope Check List (December 19, 2014)**

Line #	Item	Included	Excluded	Comments
7.07	SOG Caulking and Sealing		X	
7.08	Cleaning of Deck		X	Final cleaning of deck prior to penetrating sealer application shall be by OWNER/GC
8.00	<b>MEP's</b>			
8.01	Blockouts Greater than 10"	X		Blockouts can be cast in only if information is provided on submittal drawings and is approved by Engineer
8.02	DT Stem Voids	X		Includes stem voids, size shall be approximately 3"x5" and located at 18ft off each end of DT
8.03	Floor Drains	X		Zurn Z562 drains. Frame can be cast into precast DT's and bodies installed by plumbing contractor in field.
8.04	Light Pole Anchor Bolts	X		Cast in only. Anchor bolts to be supplied by electrical sub contractor.
8.05	Conduit		X	All conduits to be surface mounted OWNER/GC
8.06	MEP's		X	Excludes all MEP requirements: lighting, ventilation, security, drainage, stand pipes, etc.
9.00	<b>Miscellaneous Construction</b>			
9.01	Light Wall Screens	X		
9.02	Install Misc Embeds	X		Dalley will install embeds for others ONLY if supplied in timely manner and are accepted for constructability
9.03	Provide Misc embeds		X	Excludes any and all misc. embed plates or materials for the attachment of other work including snow gate
9.04	Line striping and signage	X		
9.05	Misc Metals, railings and barriers	X		
9.06	Painting	X		Does not include any painting of precast/prestressed components.
9.07	Block Partition Walls	X		
9.08	Mechanical Rooms	X		
9.09	Elevators	X		
9.10	Curtain Walls, Glazing	X		
9.11	Other Misc Construction	X		
9.12	Barrier Cable	X		
9.13	Dovetail Inserts	X		
10.00	<b>General Financial</b>			
10.01	30 Day Payment Terms	X		Payment shall be Net 30 days from Invoice, including payment for Stored Materials
10.02	10% Retainage	X		Retainage shall be released 60 days from completion of installation
10.03	AIA Schedule of Values	X		WED shall provide Schedule of Values indicating % Complete by the 25th of each month
10.04	Taxes		X	6.25% Use Tax on precast materials only
10.05	Warranty	X		Includes 5 year warranty
10.06	Liquidated Damages		X	
10.07	Bond		X	Performance Bond and Labor and Material Bond cost provided as Add Alternate
10.08	Escalation		X	
10.09	Fuel Surcharges		X	
10.10	General Conditions	X		Pricing Subject to final engineering, review of scope, contract, credit application, access, etc
10.11	Construction Manager Trade Contract		X	
10.12	OCIP Participation		X	Cost for on-site liability and workman's compensation insurance
10.13	DBE/WBE Participation		X	

GC note, this is typical and requires early submission and approval of light poles so bolts can be installed as part of the casting process.

GC confirm that precaster has included supplying the drain bodies and grates and not just the cast-in frames.

GC note, Conduits for light poles at roof shall be embedded, refer to details 13 and 14 on G-SS-510. Conduits shall be provided by the electrical contractor to be installed by the precaster.

Noted

Confirmed

OK



Harvey Construction Corporation  
 10 Harvey Road  
 Bedford, NH 03110  
 Telephone (603) 624-4600  
 Facsimile (603) 668-0389  
 www.harveyconstruction.com

January 15, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
 TRIMAX  
 STRUCTURAL STEEL  
 Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **STRUCTURAL STEEL** contract for subject project to TRIMAX for the total amount of **Five hundred Forty Three Thousand Seven Hundred Fifty Dollars and 0.00/100 (\$543,750.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

The following VE alternates has been included in this recommendation:

- Deduct PLS Anchor Bolt Survey: \$(5,000.00)

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
 Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

**Capt. William Breault**

1/30/15  
 Date





## Structural Steel Fabricator

1440, 3 rd avenue  
East Industrial Park  
Ste-Marie Beauce (Québec) G6E 3T9  
Tel. : (418) 387-7798 Fax : (418) 387- 7799  
E-mail : [estimating@trimaxsteel.com](mailto:estimating@trimaxsteel.com)  
Website : [www.trimaxsteel.com](http://www.trimaxsteel.com)

Sainte-Marie de Beauce, January 7,2015

**Quotation # 14-161**

**HARVEY CONSTRUCTION CORPORATION**  
10 Harvey Road  
Bedford, NH 03110  
Phone: (603) 624-4600  
Fax: (603) 668-0389

**To: Andrew Martino**

**Project: Dover Police Facility – Dover, NH**

We propose to supply the materials required for the above structure which is described below in accordance with the plans and specifications & code of standard practice of the American Institute of Steel Construction, which are hereby incorporated by reference and made a part of this contract. The following terms and provisions, including those printed on the attached sheet are agreed and accepted by you upon acceptance of this proposal

**OUR BASE PRICE FOR POLICE FACILITY IS: \$ 543,750.00 US Funds, Sales taxes  
excluded**

Structural steel:

- **178 tons** of structural steel, embedment, anchor bolts and connection material as defined by the AISC Code of Standard Practice

Joists & Deck:

- **INCLUDED**

Erection:

- **INCLUDED**

Shop and erection drawings:

- **INCLUDED**

Document Description:

Structural Drawings:

- Dated November 17, 2014 – Construction Documents: S0.0 to S0.4, S1.1 to S1.6, S2.1 to S2.3, S3.1 to S3.4, S4.1 and S4.2.

Specification:

- Section 05 12 00 – Structural Steel Framing dated November 17, 2014-Construction Documents.

Addendum's:

- Addendum #1 dated December 09, 2014.
- Addendum #2 dated December 16, 2014.

OUR PROPOSAL IS BASED ON:

1. Trimax Steel standard payment terms: Net 30 days, No retainage will be applied.
2. Bid price valid for **10 days**.
3. Proposal based on bid date sources and current market price for raw material.
4. Fabrication of approved shop drawings only.
5. Responsibility for coordination between trades by GC/CM. Trimax Steel to assist as possible.
6. **Trimax Steel is AISC Certified for Complex Building.**
7. Change orders signed in advance by authorized signatory.
8. 48 hours turn-around on RFIs.
9. 48 hours notice to initiate corrections before back charge.
10. Adequate and unobstructed access into, through and around the project site must be provided and maintained at all times by the GC / CM.
11. Foundations must be 100% complete prior to the start of erection GC shall provide an as built plan illustrating anchor bolt locations and bearing elevations. All corrections required to anchor bolts or bearing elevations shall be by others.
12. All masonry bearing walls must be complete and the proper cure time achieved prior to the start of erection.
13. Erection shall be performed as one continuous operation (1 crane mobilization).
14. Only roof opening frames clearly illustrated on structural plan view drawings have been carried in price. If no frames are shown, no frames have been carried in price and are specifically excluded.
15. Only Deck clearly illustrated on structural drawings have been carried in price. Deck referred to or shown on architectural drawings is specifically excluded.
16. Anchor bolts, levelling plates and field bolts.
17. All structural steel per steel drawings as described.
18. TC bolts to be used for erection.

19. **Masonry wall anchors or fire wall anchors to steel columns or beams to be supplied by others and shop installed by Trimax Steel (See 21 & 22 on S4.2 for example).**
20. Delivery F.O.B. Job Site.
21. Steel erection as per OSHA standard subpart R.
22. Two lines safety cables along perimeter on floors only.
23. **Trimax Standard Gray Primer on all structural steel with preparation SSPC-SP3.**
24. **Galvanization at roof screen.**
25. **Only 5 roof framings have been considered for roof drain.**
26. **Proper access for 75T Crane inside parking garage footprint and manlifts inside and around the building as required. Free and clear access from multiple points of work.**

SPECIFIC EXCLUSIONS:

1. Any drawing not listed above. Steel not shown on structural drawings listed under document description.
2. Alternates and Addendum not listed.
3. Roof/floor frames/openings not shown on structural drawings.
4. Inspection and testing.
5. Mock-up.
6. Miscellaneous or Architectural Metals.
7. **Any CMU clips or seismic restraints (see M12 on S0.4).**
8. Permits, Police Details, fire permits, barricades, traffic control, fire watch, FAA permit.
9. Protection of existing structures, streets, sidewalks or utilities.
10. Layout of lines, grades and benchmarks.
11. Notches and beam penetrations.
12. Scrap or debris removal from project site.
13. Demolition.
14. Schedule allowances for inclement weather, design changes or delays beyond our control.
15. Overtime work of any type.
16. Cutting and patching of concrete, masonry or fireproofing materials.
17. Installation of door frames and elevator sill angles.
18. Shoring of steel or deck other than normal guying for erection.
19. Hoisting of materials for other trades.
20. Field cutting or reinforcing of beam penetrations in structural members.
21. Installation of floor or roof opening frames from below deck.
22. Reinforcing or shoring of metal deck or screed. Deck and components to be provided of sufficient gauge to eliminate reinforcing or shoring.
23. Deck hanger tabs.

24. Bitumastic protection coating for all structural steel below grade.
25. Grout/grouting.
26. Anchor Bolts Survey.
27. Rebar and/or Welded wire.
28. Any field paint or touch-up.
29. Any Light gage material.
30. **Loose lintels.**
31. **Misc. Metals** (ladders, stairs, railings, bollards, grating... Etc.)
32. Cutting of roof decking at openings.
33. Relocation of crane after initial placement.
34. Ferrules removal.
35. De-watering and/or Snow/Ice removal.
36. Maintenance and Removal of Safety cables.
37. Engineering for, or analysing of ground support for cranes,... etc. We expect all crane(s) travel and operating locations to be sufficient without any reinforcing, plating or matting (We will provide a standard wood mat under each outriggers for protection if required.).
38. **Any connection clips for Light Gage Material to Light Gage or Light Gage to Steel.**
39. **Deck installation attached to Light Gage Framing.**
40. **Any Special Primers/Paints with any special preparations on Structural Steel.**
41. **Any Color-Galv, Any AESS.**
42. **Specifications, Section 05 50 00 – Metal Fabrications.**
43. **Parking Garage Structure Drawings are excluded.**
44. **S0.3, Section S39 is excluded.**

We are hoping to have the opportunity to serve you in a near future and if you need more information do not hesitate to contact us.

Sincerely,

**Even Audet,**  
Sales Manager  
Phone: (418) 387-7798, Ext. 242  
**Trimax Steel**  
[even.audet@trimaxsteel.com](mailto:even.audet@trimaxsteel.com)





Harvey Construction Corporation  
 10 Harvey Road  
 Bedford, NH 03110  
 Telephone (603) 624-4600  
 Facsimile (603) 668-0389  
 www.harveyconstruction.com

January 15, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
 NEW ENGLAND WATERPROOFING, INC.  
**WATERPROOFING/DAMPROOFING/WEATHER BARRIERS/JOINT SEALANTS**  
 Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **WATERPROOFING/DAMPROOFING/WEATHER BARRIERS/JOINT SEALANTS** contract for subject project to Northern Plasterwork for the total amount of **Three Hundred Twenty Three Thousand Three Hundred Sixty Dollars and 0.00/100 (\$323,360.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger. . The final contract amount subject to reconciliation of final VE accepted by City.

The following VE alternates have been included in this recommendation:

- Deduct ABAA Requirements for Weather Barriers: \$(10,500)

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
 Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

Capt. William Breault

1/21/15

Date

Project Information		Bid Information		Bid Date		Bid Location		
Job: DOWR POLICEMAN GARAGE		Bid Date: 12/18/2014		Bid Location: 12/18/2014		Bid Location: 12/18/2014		
Task:	WATERPROOFING/COMPRESSING	Contract #:	12/18/2014	Contract #:	12/18/2014	Contract #:	12/18/2014	
Spec. Section:	PT1103.007130007100	Contractor:	12/18/2014	Contractor:	12/18/2014	Contractor:	12/18/2014	
Scope Check List:		Contractor Phone:	12/18/2014	Contractor Phone:	12/18/2014	Contractor Phone:	12/18/2014	
Sheet Bid:		Contractor Address:	12/18/2014	Contractor Address:	12/18/2014	Contractor Address:	12/18/2014	
Documents	<p>POLICE STATION            PARKING GARAGE            100% Payment &amp; Performance Bond</p> <p>Down Police Facility and Public Parking Garage (V# #1) dated November 17, 2014.            Down Police Facility and Public Parking Garage - Site Development Plans 9/2014.            Down Police Facility and Public Parking Garage - Site Development Plans 9/2014.            Down Police Facility and Public Parking Garage - Substation Plans June 2014.            Down Police Facility and Public Parking Garage - Site Landscaping Plans 6/2014            Specifications: Down Police Facility and Public Parking Garage, Down Near Houghshire, dated November 17, 2014.            Addendum: Down Police Facility and Public Parking Garage - General Specs</p> <p>7. No. 11            7. No. 11 - based 12/18/14 Final Bid Review</p> <p>7.8.7</p> <p>Per HCC Project Schedule dated 12/18/14            Review of Site Constraints            Laydown at BS Station less than 1 mile away.</p> <p>POLICE</p> <p>27 11 00 Detail Waterprooing            Underdrains &amp; Vials            Down Prepara 2008            Down Report &amp; Protection Mat            Downgrading PD            7/143.19</p> <p>27 25 00 Weather Barriers (SEE A.T. 800 1/4B)            PD Barrier at Column Vials</p> <p>27 80 00 Joint Sealers            Eternit - Cornulomath, Down, Memory to Metal, Memory C/A,            Primer - Down, Cornulomath, Down, Plumbid Vialers &amp; Security Sealants</p> <p>GARAGE</p> <p>27 11 12.01 Membrane Waterproofing GARAGE            Below Detail Foundation Vials            Down Report &amp; Protection Mat            Garage Deck Waterproofing Detail 11 / 043.19            No interior columns            Traffic Topping - By Others.</p> <p>27 82 25.01ST 82 26.21            Membrane            Sealant</p>	HCC Budget	Contractor Phone	Contractor Address	Contractor Phone	Contractor Address	Contractor Phone	Contractor Address
Exclusions								
<b>Total</b>		<b>\$ 242,645</b>	<b>\$ 323,360</b>	<b>\$ 392,848</b>	<b>\$ 360,250</b>	<b>\$ 342,840</b>		
Value Engineering								
1/4R BARRIER - DELETE ABAMA Requirement								
2/4R WATERPROOFING VIB CRACKS Malheur 6 Item of Proposal at PD								
3/4R BARRIER - FLUID VC SHEET APPLIED								

# PROPOSAL

## New England Waterproofing Inc

Tel 508 962 2901

email ekobisky@livedry.com

Main Office: 25 Washington Ave, Natick MA 01760

Waterproofing Damproofing & Caulking

Masonry Restoration & Epoxy Injection

Air/Vapor Barriers

Air Barrier Association of America - ABAA certified

To: Harvey Construction  
 Attn: Richard, Joe, Andrew  
 Project: Dover Police  
 Location: Dover NH  
 Addenda: all to date  
 Rev no.

Date 12/19/14

1

January 15, 2015

New England Waterproofing is pleased to quote on materials and labor for the above referenced project

Section	Title / Scope	Amount
071713	Sheet membrane waterproofing under slab at occupied space with WR Grace Preprufe	\$ 88,000
071300	Sheet membrane waterproofing of foundation walls with occupied space to one side with WR Grace preprufe, includes drainage mat & 2" rigid insulation.	\$ 78,000
071616	Crystalline waterproofing of interior walls and floor of elevator pit	\$ 1,200
072500	Sheet applied AVB at exterior walls with conditioned space to one side includes all membrane strips at openings, foundation and roof line.	\$ 68,560
079005	Exterior sealing of Curtain walls, doors, masonry to metal, masonry CJ	\$ 10,900
079005	Interior caulking of doors, curtain walls, stair stringers, plumbing fixtures, includes security sealant where required.	\$ 19,200
alternates		
071300	Sheet membrane waterproofing of foundation walls with occupied space to one side with WR Grace Bituthane, includes drainage mat & 2" rigid insulation.	\$ 38,800
72500	Added cost for ABAA if it remains in spec	\$ 10,500
71616	Crystalline waterproofing of footings. As shown on J1 / A3.10	\$ 14,800
072500	Fluid applied AVB at exterior walls with conditioned space to one side includes all membrane strips at openings, foundation and roof line.	\$ 51,695
Exclusions		
	Concrete preparation/ patching for waterproofing work	
	Prevailing wage unless noted above.	
	Winter conditions of any kind or delays caused by winter conditions	
	Fire stop or accoustical caulking unless noted above	
	Staging tenting or heating	
<b>TOTAL</b>		<b>\$ 381,655</b>

This Proposal is subject to change after 30 days

Sincerely,  
 Ed Kobisky / ekobisky@livedry.com





**Harvey Construction Corporation**  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 15, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
Premier Concrete Construction, LLC.  
**CONCRETE FLATWORK**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **CONCRETE FLATWORK** contract for subject project to Premier Concrete Construction, LLC. for the total amount of **One Hundred Fifty Five Thousand Two Hundred Four Dollars and 0.00/100 (\$155,204.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger. The final contract amount subject to reconciliation of final VE accepted by City.

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

\_\_\_\_\_  
Capt. William Breault

1/26/15  
\_\_\_\_\_  
Date

Harvey Construction		Bid Tabulation Sheet	
Job: DOVER PD/PARKING GARAGE		Bid Date: 12/19/2014	
Trade:	CAST IN PLACE CONCRETE - FLATWORK	HCC Budget	Co. Premier Contact: Dennis Muhonen Phone: 654-2471 12/18/2014
Spec. Sections:	03 30 00/03 30 00.01		Co. AP Concrete Floors Contact: 207-657-5101 12/19/2014
Scope Check List			
Base Bid			
Documents	Dover Police Facility and Public Parking Garage Vol #1, dated November 17, 2014		
	Dover Police Facility and Public Parking Garage Vol #2, dated November 17, 2014		
	Dover Police Facility and Public Parking Garage - Site Development Plans 6/30/14		
	Orchard Street Reconstruction - Subdivision Plans June 2014		
	Dover Police Facility and Public Parking Garage - Site Landscape Plan 6/25/14		
	Specifications: Dover Police Facility and Public Parking Garage, Dover New Hampshire, dated November 17, 2014		
	City of Dover Department of Public Works - Current Specs		
	State of New Hampshire DOT Specs		
RFI's	1 to 11		
	RFI #12 - Issued 12/18/14 Post Bid Review		
Addendum	1 & 2		
SCHEDULE	Per HCC Project Schedule dated 12/10/14		
SITE	Review of Site Constraints		
	Laydown at RR Station less than 1 mile away		
	Concrete Pumping		
	PD - \$9900	\$ -	PD 6EA - \$6900 \$ 6,900 \$ -
	GARAGE - \$2200	\$ -	SITE 2 EA - \$1900 \$ 1,900 \$ -
	SITE - \$4400	\$ -	GAR 3 EA - \$3400 \$ 3,400 \$ -
	Concrete Sealers		
	PD	\$ 2,238	MATERIAL BY OTH \$ - INC \$ -
	GARAGE	\$ 242	MATERIAL BY OTH \$ - INC \$ -
	Wet Curing		
	PD	\$ 3,823	\$ -
	GARAGE		\$ 4,120 ?
			\$ 2,100 ?
	FLATWORK		
	POLICE STATION (\$)		
	Slab on Grade	\$ 14,510	\$ 11,250 \$ 37,300
	Level # 1 - 12' Framed Slab		\$ 3,450 \$ 10,400
	Install 2" Rigid Insulation SOG	\$ -	BY OTHERS \$ - \$ -
	Install Vapor Barrier	\$ -	NO VB \$ - \$ -
	Slab on Decks	\$ 21,400	INC MESH \$ 23,100 \$ 22,400
	Stairs	\$ 5,500	\$ 5,500 \$ 6,000
	Locker Bases	\$ 1,960	N \$ - \$ 15,000
	Cell Bunks	\$ 475	N \$ - \$ -
	Housekeeping Pads	\$ 1,568	N \$ - \$ -
	SITEWORK		\$ 80,000
	Generator Pad	\$ 660	\$ 1,100
	Transformer Pad	\$ 1,300	SITE \$ -
	Sidewalks	\$ 19,655	INC MESH \$ 15,040
	Install WireMesh		ADD \$3500 FIBER ( \$ -
	Exterior Stairs & Ramps	\$ 22,250	\$ 11,000 \$ 18,000
	Dumpster Pads	\$ 1,500	INC MESH \$ 1,500
	Propane Tank Pad	\$ 700	Y \$ 700
	Aubuchon Site Stairs	\$ 3,000	Y \$ - \$ 5,000
	GARAGE		\$ 90,000
	Mech Room/Sallyport SOG	\$ -	\$ 2,600
	Topping Slabs	\$ 7,092	\$ 4,240
	Stair Toppings		\$ 12,754
	Entrance Curbs		\$ 1,350
	Shored Tee Details		\$ 3,200
	Hoisting for Prep & Finish		ADD \$12500 \$ 12,500
	REBAR INSTALL (#/TN) \$460/TN BUDGET		\$ 500
	26 POLICE STATION (TONNAGE)	\$ 13,000	30 \$ 15,000 Unit Price \$ -
	20 PARKING GARAGE (TONNAGE)	\$ 10,000	25 \$ 12,500 Unit Price \$ -
Exclusions	Materials Winter Conditions Expansion Joints		
Total		\$ 130,873	\$ 155,204 \$ 284,900
ALT #1	Alternates		
	(NOT USED)		\$ - \$ -
ALT #2	SUN SHADES		\$ - \$ -
ALT #3	(Garage Lower Level - PD Oversize Vehicle Parking Foundation Modification	?????	\$ 1,000 \$ -
ALT #4	(EOC Audio Video Enhancement)		\$ - \$ -
ALT #5	(Site Lighting - Adjacent City Parking Lot)		\$ - \$ -
ALT #6	(Lobby Wall Paneling)		\$ - \$ -
ALT #7	Safety Padding		\$ - \$ -
	Value Engineering		
	1 PENDING		\$ - \$ -
	2 PENDING		\$ - \$ -
	3 PENDING		\$ - \$ -

# PREMIER CONCRETE CONSTRUCTION, LLC

614 Gibbons Highway  
Wilton, NH 03086

# Estimate

DATE	ESTIMATE NO.
12/18/2014	4728

<b>NAME / ADDRESS</b>
Harvey Construction Corporation of NH 10 Harvey Road Bedford, NH 03110

		PROJECT
		Dover PD and Garage
DESCRIPTION	TOTAL	
<b>POLICE STATION FLATWORK:</b>		
Provide labor and equipment to place and finish 8,360sq.ft. of 10" thick Lower Framed Slab on Grade with double mat, includes 162' of 10" forming over foundation walls		11,250.00
Provide labor and equipment to place and finish 1,410sq.ft. of 12" 1st Floor Framed Slab on Grade with double mat, includes 157' of 12" thick forming over foundations		3,450.00
Provide labor and equipment to lay 2" Rigid at Slab on Grade		4,400.00
Provide labor and equipment to install wiremesh, place and finish 8,012sq.ft. of 6 1/2" 1st Floor Slab on Deck		8,800.00
Provide labor and equipment to place and finish 235sq.ft. of 6 1/2" Recessed Areas at First Floor with 6" of rigid insulation (by others) and 4" topping slab above, assumes direct placement for topping slab		1,900.00
Provide labor and equipment to install wiremesh, place and finish 9,184sq.ft. of 6 1/2" 2nd Floor Slab on Deck		10,500.00
Provide labor and equipment to place and finish 600sq.ft. of 6 1/2" Penthouse Slab on Deck, no forming and no curb		1,900.00
Provide labor and equipment to place and finish 5 - stories of Stairpans in two locations		5,500.00
Provide 6 concrete pumps		6,900.00
<b>ALTERNATE:</b>		
To supply labor for wetcuring, (materials, maintenance and removal by others; assumes water availability at slab edge), ADD --- \$4,120		
<b>POLICE STATION EXTERIOR FLATWORK:</b>		
Provide labor and equipment to install wiremesh, place and broom finish 4,990sq.ft. of 4" Sidewalk		15,040.00
Provide labor and equipment to place and broom finish 5 - sets of 5' wide x average of just over (7) risers each CIP Stairs, frostwalls by others		9,000.00
Provide labor and equipment to install wiremesh, place and broom finish 660sq.ft. of 4" thick x 5' wide Ramps and Landings		2,000.00
Provide labor and equipment to place and broom finish 400sq.ft. of 6" thick Dumpster Pads with 12" haunches and single mat		1,500.00
Net: 30 days, 5% retainage, 1.5% interest per month	<b>TOTAL</b>	

Phone #	(603) 654-2471	Fax #	(603) 654-2306
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# PREMIER CONCRETE CONSTRUCTION, LLC

614 Gibbons Highway  
Wilton, NH 03086

# Estimate

DATE	ESTIMATE NO.
12/18/2014	4728

<b>NAME / ADDRESS</b>
Harvey Construction Corporation of NH 10 Harvey Road Bedford, NH 03110

DESCRIPTION	PROJECT
	Dover PD and Garage
	TOTAL
Provide labor and equipment to place and broom finish 60sq.ft. of assumed 12" thick Generator Pads with double mat, includes chamfer	1,100.00
Provide labor and equipment to place and float finish 172sq.ft. of 18" thick Tank Hold Down Pad with no reinforcement	700.00
Provide labor and equipment to install wiremesh, place and broom finish 1,120sq.ft. of 4" Sidewalk Reconstruction	3,400.00
Provide 2 concrete pumps	1,900.00
ALTERNATE: To supply Hoisting for prep and finish operations, ADD --- \$12,500	
<b>PARKING GARAGE FLATWORK:</b>	
Provide labor and equipment to place and finish 1,915sq.ft. of 10" Mechanical Room/Sally Port Slab on Grade with double mat of #5	2,600.00
Provide labor and equipment to place and finish 3,644sq.ft. of 3" Topping at Stair Tower Entrances in (16) locations	12,754.00
Provide labor and equipment to place and broom finish 264sq.ft. of Entrance Curbs, curved, with 12" forming	1,350.00
Provide labor and equipment to place and float finish 293sq.ft. of 4" thick Shored Tee Details with single mat of #4, assumes shoring only necessary at one side of cmu wall, assumes all shoring can be attached to cmu and tee (no support to slab below; no engineered formwork included)	3,200.00
Provide labor and equipment to place and broom finish 1,513sq.ft. of 3" unreinforced Slab Topping at Shore Tee, Tier Two with scored joints and no re-shine on tool marks	4,240.00
Provide 3 concrete pumps	3,400.00
Provide labor to install rebar @ \$500/ton (**Price to be added to total once tonnage is known**)	
ALTERNATE: To supply labor to apply Wetcure at parking garage, (materials, maintenance and removal by others; assumes water availability at slab edge), ADD --- \$2,100	
Net: 30 days, 5% retainage, 1.5% interest per month	<b>TOTAL</b>

Phone #	(603) 654-2471	Fax #	(603) 654-2306
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# PREMIER CONCRETE CONSTRUCTION, LLC

614 Gibbons Highway  
Wilton, NH 03086

# Estimate

DATE	ESTIMATE NO.
12/18/2014	4728

NAME / ADDRESS
Harvey Construction Corporation of NH 10 Harvey Road Bedford, NH 03110

		PROJECT
		Dover PD and Garage
DESCRIPTION		TOTAL
<p>NOTES:</p> <ul style="list-style-type: none"> <li>- No materials included</li> <li>- No wage rate included</li> <li>- No winter conditions included</li> <li>- Assumes parking availability onsite for Premier trucks during flatwork construction; No offsite parking for company vehicles</li> <li>- Acknowledge Addenda #1 and #2</li> <li>- Expansion joints by others at garage</li> </ul>		
<p>Net: 30 days, 5% retainage, 1.5% interest per month</p>		<b>TOTAL</b> \$116,784.00
Phone #	(603) 654-2471	Fax # (603) 654-2306

## Breault, William

---

**From:** Andrew Martino <amartino@hccnh.com>  
**Sent:** Tuesday, January 20, 2015 8:58 AM  
**To:** Breault, William  
**Cc:** Joe Pollock; Jim Klemarczyk  
**Subject:** FW: DOVER PD/GARAGE - Letter of Recommendation: PREMIER CONCRETE  
**Attachments:** DOVER Premier Recommendation Letter 1-16-15.pdf

Bill, regarding your questions concerning the Premier Concrete award, see below:

Base contract proposal:	\$116,784.00
ADD Wet Curing:	\$6,220.00
ADD Hoisting:	\$12,500.00
Delete Labor for 2" Rigid (by Others):	\$(4,400.00)
Delete Sidewalk Wiremesh Install (Fibermix per City)	\$(3,400.00)
Police Rebar Install (30tn x \$500/tn)	\$15,000.00
Garage Rebar Install (25tn x \$500/tn)	\$12,500.00
<b>TOTAL RECOMMENDATION:</b>	<b>\$155,204.00</b>

I trust this is what you are looking for. Please feel free to contact me with questions or concerns.

Thanks

**Andrew P. Martino, P.E.**  
Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
(603) 624-4600 Office  
(603) 668-0389 FAX  
(603) 365-9155 Cell

---

**From:** Andrew Martino  
**Sent:** Friday, January 16, 2015 2:35 PM  
**To:** 'Bill Breault (w.breault@dover.nh.gov)'  
**Cc:** Jim Klemarczyk; Joe Pollock; 'Dale E. Doller (dale.doller@lbpa.com)'  
**Subject:** DOVER PD/GARAGE - Letter of Recommendation: PREMIER CONCRETE

Bill, based upon our scope reviews we are recommending award to PREMIER CONCRETE.

If acceptable to you please sign and return the attached to initiate contacts with the recommended subs.

Thanks

Andrew P. Martino, P.E., LEED® AP

Project Manager  
Harvey Construction Corporation  
10 Harvey Road

Bedford, NH 03110  
Telephone: (603) 624-4600  
Direct Dial: (603) 621-2299 Ext 170  
Cell: (603) 365-9155  
Facsimile: (603) 668-0389

Disclaimer:

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Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 12, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**WRIGHT COMMUNICATIONS**  
**COMMUNICATIONS TOWER**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **COMMUNICATIONS TOWER** contract for subject project to **WRIGHT COMMUNICATIONS** for the total amount of **Sixty Three Thousand Three Hundred Sixty Two Dollars and 0.50/100 (\$63,362.50)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

\_\_\_\_\_  
**Capt. William Breault**

1/13/15  
Date



**WRIGHT COMMUNICATIONS**  
**711 RIVERWOOD DRIVE**  
**PEMBROKE, NH 03275**

Tel: 603-228-8148 Fax: 603-225-7369 wright@wright2way.com

# Proposal

Date	Proposal #
12/22/2014	1678

<b>Name / Address</b>
Harvey Construction Corporation 10 Harvey Road Bedford, NH 03110 ATTN: Andrew Martino



<b>Terms</b>	Net 30
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Description	Total
PROPOSAL FOR FURNISHING & INSTALLING NEW RADIO ANTENNA MONOPOLE FOR NEW DOVER POLICE BUILDING	
Material for Monopole (Specifications attached). (Includes Monopole & Anchor Bolt Steel, (6) 6FT Sidearm Antenna Mounts, PE Tower Design, PE Foundation Design.	32,083.75
Monopole Freight	10,142.50
Anchor Bolt Freight	848.75
Mobilization	1,700.00
Crane for Monopole Installation	2,437.50
Labor for Installation of Monopole	6,812.50
Soil Resistivity Test & R56 Ground System Design for Monopole	8,287.50
Project Management	1,050.00
NOTES: 1. Any item not listed in the above proposal is considered to be outside of 'Wright Communications', its suppliers' and its subcontractors' scope of work. 2. Crane pricing is based on the ability to position the turret center of the crane to within 20FT of the proposed monopole center. 3. Prevailing wages are not included.	

<b>Total</b>	<b>\$63,362.50</b>
--------------	--------------------

Proposal valid for 30 days.

Authorized  
Signature \_\_\_\_\_

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications will become an extra charge over and above the original written estimate. All agreements contingent upon strikes, accidents, or delays are beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by workers compensation insurance.

**ACCEPTANCE OF PROPOSAL.** The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as specified under the TERMS column. Prepayment is required for all first time clients. A late charge of 18% per annum will be assessed on all overdue balances. Late fee will be waived where prohibited by law, such as with certain government organizations. Delinquent accounts may be served on a prepayment/C.O.D. basis.

This document contains trade secret and confidential business or financial information and is subject to legally binding non-disclosure obligations. It shall not be disclosed without written authorization from a duly authorized agent of Wright Communications. This non-disclosure clause is void where prohibited by law, such as with certain government organizations.

Date of Acceptance \_\_\_\_\_

Customer Authorization \_\_\_\_\_

## Proposed Pole Specifications and Notes from Manufacturer

### Classification of Structure:

- Class Three  
Structures used primarily for essential communications such as: civil or national defense, emergency, rescue or other disaster operations, military and navigation facilities.

### Exposure Category:

- Exposure C  
Open terrain with scattered obstructions having heights generally less than 30 feet. This category includes flat, open country, grasslands and shorelines in hurricane prone regions. *Exposure C is the standard default for exposure categories.*

### Topographic Category:

- Category 1  
No abrupt changes in general topography, e.g. flat or rolling, no wind speed-up consideration shall be required. *Category one is the standard default for the topographic categories.*

This quotation is based on ANSI/TIA-222-G and Customer provided specifications. Any information not provided by ANSI/TIA-222-G or the Customer has not been considered.

Foundation and anchor bolt designs are based strictly on ANSI/TIA-222-G. Any additional requirements may result in increased foundation size and price increases.

**Dimensional information is preliminary only; it may change based on final engineering.**

All Sabre mounts are designed in accordance with antenna specifications. If different pipe size is required at time of order, additional costs may be incurred.

Cable type safety climbing device provided does not include harness.

Sabre's standard access port size is 6" x 12". If access ports other than as specified in this proposal are required, additional costs may be incurred.

Three (3) access ports will be provided. Elevations and azimuths must be specified at the time of order.

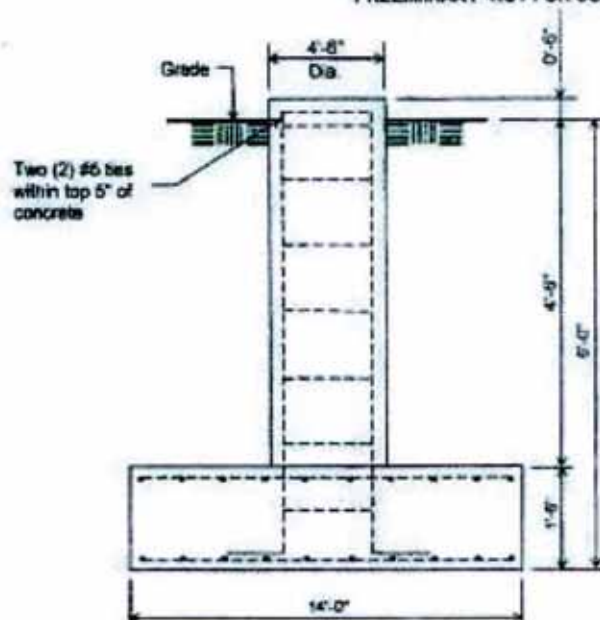
### Materials to be provided include:

Complete monopole steel and hardware  
Anchor bolts and templates, (4) bolts 84" long  
Step Bolts  
Seven (7) 6" x 12" access ports with J books (see notes)  
Three (3) 10.5" x 25.5" access ports (see notes)  
DBI 100' Safety Climb ~~with~~ harness  
One (1) 10' x 3/4" lightning rod copper clad and stiffener  
One (1) 2-7/8" x 15' lightning rod ext.  
P.E. certified profile drawings (see notes)  
P.E. certified foundation designs (see notes)  
Final erection drawings

**Customer: TLC ENGINEERING FOR ARCHITECTURE**  
**Site: City of Dover, NH**

50' Monopole at  
95 mph Wind with no ice and 40 mph Wind with 1 in. ice per ANS/TIA-222-G

**PRELIMINARY -NOT FOR CONSTRUCTION-**



**ELEVATION VIEW**  
(13.63 Cu. Yds. each)  
(1 REQUIRED; NOT TO SCALE)

**Notes:**

- 1). Concrete shall have a minimum 28-day compressive strength of 4000 PSI, in accordance with ACI 318-05
- 2). Rebar to conform to ASTM specification A615 Grade 60.
- 3). All rebar to have a minimum of 3" concrete cover.
- 4). All exposed concrete corners to be chamfered 3/4".
- 5). The foundation design is based on the geotechnical report by Ransom Consulting, Project No. 131 06059, dated March 10, 2014.
- 6). See the geotechnical report for compaction requirements, if specified.
- 7). The foundation is based on the following factored loads:  
Moment (kip-ft) = 584.75  
Axial (kips) = 9.28  
Shear (kips) = 9.69

Rebar Schedule per Pad and Pier	
Pier	(20) #7 vertical rebar whooks at bottom w/#5 ties, two within top 5" of top of pier then 12" C/C
Pad	(16) #8 horizontal rebar evenly spaced each way top and bottom (64 Total)

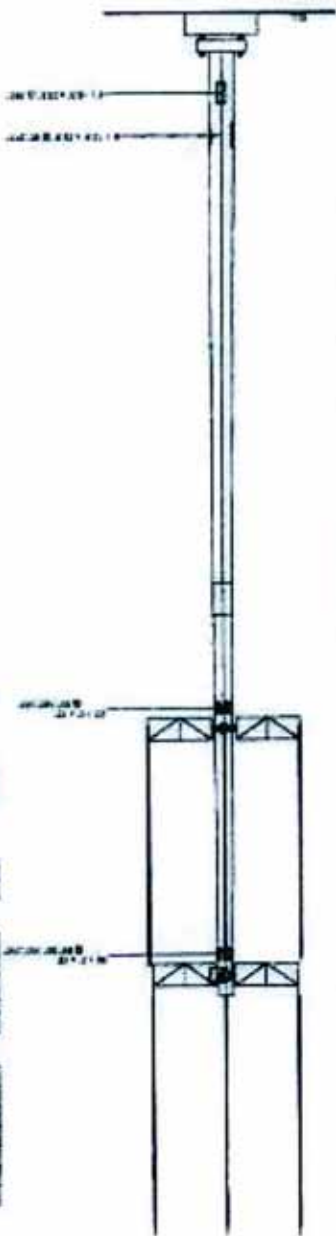
8). This is a design drawing only. Please see final construction drawings for all installation details.

**Sabre Industries**  
SABRE INDUSTRIES, INC.  
1700 W. 10th Street  
Midland, TX 79701  
Phone: (409) 691-1111

**Sabre Corporation**  
1100 W. 10th Street  
Midland, TX 79701  
Phone: (409) 691-1111

1100 W. 10th Street  
Midland, TX 79701  
Phone: (409) 691-1111

Item No.	1
Description	1" x 1" x 1/8" A307 SS
Quantity	1
Unit	EA
Material	A307 SS
Notes	1. AS PER DRAWING
Drawn	11/11/01
Checked	11/11/01
Approved	11/11/01



**Design Appearance Loading**

Item No.	1
Description	1" x 1" x 1/8" A307 SS
Quantity	1
Unit	EA
Material	A307 SS
Notes	1. AS PER DRAWING
Drawn	11/11/01
Checked	11/11/01
Approved	11/11/01

**Load Case Positions**

Case No.	1
Description	1" x 1" x 1/8" A307 SS
Quantity	1
Unit	EA
Material	A307 SS
Notes	1. AS PER DRAWING
Drawn	11/11/01
Checked	11/11/01
Approved	11/11/01

**Base Flange Dimensions**

Dimension	Value
Flange Outer Diameter	1.315
Flange Inner Diameter	1.000
Flange Thickness	0.156
Flange Hub Diameter	1.000
Flange Hub Length	0.156
Flange Hub Outer Diameter	1.000
Flange Hub Inner Diameter	0.875
Flange Hub Thickness	0.063
Flange Hub Outer Diameter	1.000
Flange Hub Inner Diameter	0.875
Flange Hub Thickness	0.063

**Notes**

1. AS PER DRAWING
2. AS PER DRAWING
3. AS PER DRAWING



**PROPOSAL**

<b>Prepared for:</b>	<b>TLC ENGINEERING FOR ARCHITECTURE</b>	<b>Proposal No.:</b>	<b>15-0991-CJP</b>	
	<b>255 South Orange Avenue, Suite 1600</b>	<b>Date:</b>	<b>6/2/2014</b>	<b>Page 3 of 4</b>
	<b>Orlando, FL 32801</b>	<b>Reference:</b>	<b>90' Monopole/City of Dover, NH</b>	
	<b>Attn: Marwan Rashid</b>	<b>Freight:</b>	<b>Origin</b>	<b>Payment Terms: TBD</b>

---

Freight charges quoted are for provided materials only. Additional freight charges may be incurred with the order of additional items.

All antennas, transmission lines, jumpers, ground kits, hangers, and hardware are to be provided and installed by others.

All monopole materials will be hot dip galvanized as outlined in ASTM A-123.

This proposal does not include any sales, use, excise, contractor or any other taxes not specifically detailed in this proposal.

**Optional items do not include installation prices.**

The permit package includes a profile drawing of the structure with member sizes; descriptive notes; structural calculations; a table of supported antennas, mounts and feedlines; and a foundation sketch and calculations (if applicable).

Storage charges of \$350.00 per month may apply starting sixty (60) days after original scheduled ship date.

Due to material price fluctuations, Sabre reserves the right to review all material pricing prior to accepting any order. Any structure order placed on hold is subject to a price review at the time of its release from hold status.

Due to freight price fluctuations, Sabre reserves the right to review all freight pricing prior to accepting any order.

Pricing is subject to review at the time of order. Additional costs may be applied at that time.

**Title, ownership, risk of loss, risk of material obsolescence and risk of material market value decline shall pass to the Customer upon invoicing or shipment to Customer, whichever occurs earlier in time.**



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 12, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**CULLEN CONCRETE FORM COMPANY, INC.**  
**CONCRETE FORMWORK**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **CONCRETE FORMWORK** contract for subject project to **CULLEN CONCRETE FORM COMPANY, INC.** for the total amount of **Four Hundred Fifty Four Thousand Three Hundred Twenty Dollars and 0.00/100 (\$454,320.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

\_\_\_\_\_  
Capt. William Breault

1/13/15  
\_\_\_\_\_  
Date



# Cullen Concrete Form Company, Inc.

22 Holmes Avenue  
Northfield, NH 03276

(603) 286-8057 Fax (603) 286-3667

cullen@metrocast.net www.cullenconcrete.com

# Proposal

Date	Proposal #
12/19/2014	9072
Project	
Dover PD & Garage	

Harvey Construction Corp of NH  
10 Harvey Road  
Bedford, NH 03110

Description	Total
<b>Labor Only - No materials supplied by Cullen Concrete.</b>	
Labor only footings and walls for the Dover Police Department Concrete pumping included in price. Rebar installed at \$500.00 per ton not included in price.	166,730.00
Labor only footings and walls for the Parking Garage Concrete pumping included in price. Rebar installed at \$500.00 per ton not included in price.	198,590.00
<p>Note: Parking spots at entry streets saved for Cullen trucks as when pumping concrete will splatter and get on cars. No curbs or islands. Transition pad by others. Alternate #3 add \$1,000.00 not included in above price. No exposed concrete finish. No curing, layout for embed items by GC, control layout by GC. No slabs no site concrete. Mid range water reducer required to 5" to 6" slump. Addendum #1 and 2 and RFI's seen.</p> <p><i>SIMONS STEEL JOY CONCRETE JANGAL W/NEW FACE SEAM QUICK 2" (SUBGRADE)</i></p>	
<p>Exclusions: No pumping unless specified above, no test and heat, no exposed concrete finish, no caulking joints, no rubbed joints, no site concrete, no curing, no covering, sonotubes by GC, no rubbed exposed concrete, no winter conditions, no grout clean finish, no scaling, no smooth form finish. Insurance - no additional insureds for ongoing and completed operation - if required there will be additional cost. Cullen is not responsible for subgrade material. Cullen is not responsible for shrinkage, random cracking or frost related action.</p>	
<p>All invoices are due and payable within 30 days. Failure to pay within 30 days will result in your account being overdue. Overdue accounts are subject to interest in the amount of 1 1/2% per month (18% annual percentage rate). All costs of collection, including reasonable attorney's fees, expert witness and consultant fees will be added to all overdue accounts. Additionally, Cullen Concrete Form Co., Inc. may file a mechanic's lien in accordance with RSA447 in addition to other methods of collection on overdue accounts.</p>	
<b>Total</b>	<b>\$365,320.00</b>

Payment of foundation to be paid within 30 days upon completion.  
Payment of floor is to be paid within 30 days upon completion.  
Paid when paid contracts are not acceptable.

Signature *Roland Cullen*

Note: This proposal may be with drawn by us if not accepted within 60 days.

Acceptance of proposal - The above prices specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.

Signature \_\_\_\_\_

All material is guaranteed to be as specified. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Worker's Compensation insurance.



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 15, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**REDIMIX COMPANIES, INC.**  
Concrete Redimix Materials  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,


Harvey Construction is seeking approval to award the **Concrete Redimix Materials** contracts for subject project to **REDIMIX COMPANIES, INC.** for the total amount of **Three Hundred Seven Thousand One Hundred Eighty Two Dollars and 0.00/100 (\$307,182.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavalée Brensinger.

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation



Andrew P. Marino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.



**Capt. William Breault**

1/15/15  
Date

Trade: Spec. Sections: Scope Check List	HCC Budget	RECON Wynne Tam 396-4320 12/17/2014		COLEMAN Steve Malman 447-5938 12/19/2014		AGGREGATE Dave Outgood 231-7483 12/19/2014				
		Volume (CY)	\$/CY	Price	Volume (CY)	\$/CY	Price	Volume (CY)	\$/CY	Price
<b>SCHEDULE</b>										
<b>FOURCE</b>										
877-3000sq Walls/Grade Beams/Sha Cap & Elbow Pile	\$ 83,072	853	102 \$	78,476	853	108 \$	853	102 \$	87,006	
Add Mid Range		853	3 \$	2,559	853	2 \$	853	0 \$	0	
Winter Service		853	5.5 \$	4,692	853	5.5 \$	853	7.7 \$	6,568	
156-3000sq SOO/DECK	\$ 76,295	710	107 \$	65,330	710	129 \$	710	102 \$	72,420	
Add Mid Range		710	3 \$	2,130	710	2 \$	710	9 \$	6,390	
365-1% Accelerator Slabs	\$ 4,015	710	5.5 \$	3,905	710	6 \$	710	7 \$	4,970	
32-Beams	\$ 2,644	32	82 \$	2,644	32	168 \$	32	102 \$	3,264	
4-Joist Bases	\$ 3,222	4	805 \$	3,222	4	805 \$	4	102 \$	408	
4-Nonseeping Pads	\$ 404	4	101 \$	404	4	101 \$	4	102 \$	408	
Add Mid Range		40	3 \$	120	40	2 \$	40	0 \$	0	
<b>GARAGE</b>										
915-3000sq Ret Walls/footings/Grade Beams	\$ 92,415	889	104 \$	86,022	889	129 \$	889	107 \$	95,823	
Add Mid Range		889	3 \$	2,367	889	2 \$	889	0 \$	0	
Winter Service		889	5.5 \$	4,890	889	6 \$	889	7.7 \$	6,851	
30-3000sq Piers	\$ 4,359	30	145 \$	3,650	30	125 \$	30	109 \$	3,324	
Add High Range		30	6 \$	1,716	30	6 \$	30	0 \$	0	
Winter Service		30	5.5 \$	1,664	30	0 \$	30	7.7 \$	2,377	
16-3000sq SOG Trappings	\$ 2,362	140	169 \$	13,720	140	129 \$	140	107 \$	14,980	
Add Mid Range		140	3 \$	420	140	2 \$	140	0 \$	0	
66-1% Accelerator	\$ 303	140	5.5 \$	770	140	6 \$	140	7 \$	980	
<b>SITE</b>										
18-Generator Pad	\$ 2,895	10	289 \$	1,664	10	129 \$	10	107 \$	1,070	
186-3000sq Sidewalks	\$ 16,810	180	93 \$	17,640	180	129 \$	180	107 \$	19,260	
8-Site Walls & Footings	\$ 835	8	104 \$	784	8	97 \$	8	107 \$	856	
16-3000sq Site Slabs	\$ 1,045	10	104 \$	960	10	129 \$	10	107 \$	1,070	
Add Filter Mesh		208	8 \$	1,664	208	6 \$	208	11.5 \$	2,392	
<b>Total</b>	<b>\$ 300,457</b>			<b>\$ 307,182</b>				<b>\$ 374,716</b>	<b>\$ 333,292</b>	

# REDIMIX

COMPANIES, INC.  
Concrete suppliers to the construction industry.  
www.redimixcompanies.com

1 Sundial Ave., Suite 310  
Manchester, NH 03103  
Phone (603) 296-6500  
Fax (603) 296-6520  
Toll Free 1-800-400-9474

Updated December 17, 2014  
Via e-mail to: jpollock@hccnh.com

**MANCHESTER**  
Redimix Concrete

**NASHUA**  
Redimix Concrete

**PERSONS**  
Concrete

**SEACOAST**  
Redimix Concrete

Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110

Attn: Mr. Joe Pollock

Project: Dover Police Facility and Parking Garage-Dover, NH

Subject: Concrete Supply Proposal

Please find below unit pricing for ready mix concrete delivered to the above referenced project.

Class Concrete	\$/per Cubic Yard
3000 PSI	92.00*
4000 PSI	98.00*
5000 PSI	100.00***

\*Note: These concrete mixes require a Mid Range Water Reducer to obtain a workable 4.5-6" slump.

\*\*Note: The 4000 PSI price is locked for project. Below escalation does not apply to 4000 PSI.

\*\*\*Note: This Mix requires a High Range Water Reducer to obtain workable slump.

Other Items:


CNI Corrosion Inhibitor	12.00/gallon
Fiber	8.00
Mid-Range Water Reducer	3.00
High Range Water Reducer	6.00
1% Non Chloride Accelerators	5.50
2% Non Chloride Accelerators	10.00
Winter Service (Nov 1 – April 15 )	5.50

Price Increase: January 1, 2016 6.00

Delivery hours are Monday-Friday 7:00 AM to 4:30 PM. Weekend or overtime deliveries beyond these times will be gladly scheduled however, additional labor charges will apply. The above pricing will be honored for 30 days.

Thank you for the opportunity to quote this project. Please do not hesitate to call me if there are any questions regarding this proposal at (603) 296-6502 or by e-mail at wtarr@redimixcompanies.com.

Sincerely,



Wayne A. Tarr



**Batch Plants in:**

- Columbia • Littleton
- Campton • Laconia
- Bow • Manchester
- Amherst • Nashua
- Dover • Berwick, ME



Harvey Construction Corporation  
 10 Harvey Road  
 Bedford, NH 03110  
 Telephone (603) 624-4600  
 Facsimile (603) 668-0389  
 www.harveyconstruction.com

January 9, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**Longchamps Electric, Inc.**  
 Electrical – BID PACKAGE 16A  
 Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **Electrical** contracts for subject project to **Longchamps Electric, Inc.** for the total amount of **One Million Six Hundred Ninety Thousand Three Hundred Seventy One Dollars and 0.00/100 (\$1,690,371.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger. The final contract amount subject to reconciliation of final VE accepted by City.

The following VE alternates have been included in this recommendation:

- Deduct City Permit fees: \$(23,000)
- Deduct PE Service for Systems Cx: \$(4,600)
- Deduct Professional Video of Training (LEI to record training with Camcorder): \$(4,000)

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
 Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

Capt. William Breault

1/13/15  
 Date

LONGCHAMPS - Electrical Value Engineering Options PENDING				1/9/15 SCOPE COMMENTS
---	--	--	--	-----------------------

Item	Work Description	V-E Description	Savings	
1	Distribution Equipment	Substitute copper bussing & windings with aluminum, and service & feeder conductors from copper to aluminum.	\$ 13,116	OK PER WSP. LEI TO CONFRIM SIZE
2	Standby Generator	Substitute specified ATS equipment with Kohler assemblies.	\$ 10,000	SEND CUT SHEET FOR REVIEW
3	Professional Video Recording of Training Sessions	Provide LEI Camcorder Video in lieu of Professional Service.	\$ 4,000	ACCEPTED
4	Distribution Equipment	Reduce SPD ratings for five units indicated.	\$ 1,240	SEND CUT SHEET FOR REVIEW
5	UPS	No V-E recommendations.		
6	Sound/Paging System	No V-E recommendations.		
7	CCTV System	Provide less expensive cameras; reduce the size of the network recorder storage size to 2 weeks of motion based recording in lieu of 24/7 recording including reduced frames per second recording.	\$ 21,000	LEI/ SIMPLEX TO REVIEW PD CAMERA REQ. AND RESUBMIT
8	Fire Alarm System	Due to a combined occupancy rating of 1,032 persons, we have no V-E recommendations.		
9	Security Access System	Reduce the number of computers by providing 1 file server, 1 badging station, 1 workstation, and no additional monitors.	\$ 4,678	SEND CUT SHEET FOR REVIEW. TLC TO REVIEW AND COMMENT
10	Misc. Wire insulations to THWN-2	Provide THWN-2 copper conductor insulation in lieu of other types specified.	\$ 4,374	REJECTED
11	Lighting & Controls	Substitute luminaires, integral accessories and lighting control assemblies.	\$ 47,311	SEND CUT SHEET FOR REVIEW WITH GARAGE LIGTHING STUDY RE: ALT
12	Parking Garage Lighting Branch Conduit	Substitute GRSC with S80 PVC conduit in parking garage	\$ 9,331	REJECTED
13	MI cabling to S1P, UPS, E221, ERU2, ERU3, ACCU2, and ACCU3	Substitute MI cabling with EMT conduit and THWN-2 copper wiring	\$ 28,834	WSP TO REVIEW AND COMMENT



**Harvey Construction**

**Bid For: Dover Police Facility and Public Parking Garage**

**Bid Due Date: 12/19/14  
2:00 P.M.**

Bidding Firm's Name: Longchamps Electric Inc.

Business Address: 700 Harvey Road

including City & State Manchester, NH 03103

A. Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all Electrical work herein described as **Bid Package No. 16A** as required for the construction and completion of the Dover Police Facility and Public Parking Garage in accordance with the Drawings and Specifications as prepared by Lavallee Brenninger Architects, Harvey's Instructions to Bidders & Scope of Work doc. and this Proposal Form.

Addenda: This Bid includes Addenda numbered: 1, 2

**Base Bid**

<u>1.) Police Facility</u>	<u>\$ 1,214,921</u>	<u>Inc. Bond</u>
<u>2.) Parking Garage</u>	<u>\$ 502,250</u>	<u>Inc. Bond</u>
<u>Total</u>	<u>\$ 1,717,171</u>	<u>Inc. Bond</u>
<u>Breakout Value of Performance &amp; Payment Bond</u>	<u>\$ 25,000</u>	

Does your firm offer Health Care Insurance to your employees? YES  NO

The undersigned agrees that this bid is good for 45 days, and represents that this Proposal is made in good faith, without fraud collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection or obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

Signed



By:

Raymond Hebert

Date: 12/22/14

Title:

Vice-President

**Harvey Construction**

**Bid For: Dover Police Facility and Public Parking Garage**

**Bid Due Date: 12/19/14**

Bidding Firm's Name: Longchamps Electric Inc. **2:00 P.M.**

Address 700 Harvey Road

Manchester, NH 03103

A. Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Electrical** work herein described as **Bid Package No. 16A** as required for the construction and completion of the Manchester Municipal Complex in accordance with the Drawings and Specifications as prepared by Lavallee Brensinger Architects, Harvey's Instructions to Bidders, this Bid Package and this Proposal Form.

**ALTERNATES**

Alternate No.1: (NOT USED) **ADD/DEDUCT \$** N/A

Alternate No.2: SUN SHADES **ADD/DEDUCT \$** N/A

Alternate No.3: (Garage Lower Level – PD Oversize Vehicle Parking Foundation Modification)  
**ADD/DEDUCT \$** N/A

Alternate No.4: (EOC Audio Video Enhancement):  
**ADD/DEDUCT \$** N/A

Alternate No.5: (Site Lighting – Adjacent City Parking Lot)  
**ADD/DEDUCT \$** ~~XXXX~~ 22,943

Alternate No.6: (Lobby Wall Paneling)  
**ADD/DEDUCT \$** N/A

Alternate No.7: Safety Padding  
**ADD/DEDUCT \$** N/A

Alternate No. E-1: Deduct the cost of permits and fees imposed by the City of Dover  
**DEDUCT \$** 23,000

Voluntary Cost Saving/ Value Engineering Deducts  
Please use a separate sheet if required  
Description: See V-E Option pricing on page 3  
**DEDUCT \$** \_\_\_\_\_

**Breakout Pricing** (the following pricing is included in the Base Bid)

Security Systems: \$ 56,487

Name of Subcontractor (if applicable): \_\_\_\_\_

Fire Alarm System: \$ 33,172

Name of Manufacturer: Tyco/SimplexGrinnell

**Harvey Construction**

**Bid For: Dover Police Facility and Public Parking Garage**

**Bid Due Date: 12/19/14  
2:00 P.M.**

Bidding Firm's Name: Longchamps Electric Inc.

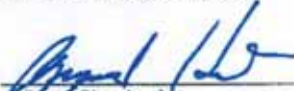
Unit Pricing (unit pricing to include small tools & expendables)

Foreman \$ 68.00 / HR

Journeyman \$ 65.00 / HR

Apprentice \$ 55.00 / HR

The undersigned agrees that this alternate bids are good for 90 days, and the unit prices are good for the duration of the project, and represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection or obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

  
(Legal Signature)

Date: 12/22/14

Raymond Hebert

Type or Print Name

Title: Vice President

Firm: Longchamps Electric Inc.

Business Phone No.: ( 603 625-5954 )

**Exclusions**

Concrete work including bases, encasement, manholes, vaults, or equipment pads.

Cutting, patching, and re-finishes.

Electrical work on energized equipment or circuits.

Excavation, trenching, and/or backfill.

Fire Extinguisher/EVM equipment or installation.

Hazardous material abatement, inspections, and/or reports.

Municipal call box equipment or wiring (Dover does not have a call box system).

Off-site refuse removal or charges.

Painting.

Roof penetrations & pitchpockets.

**Voluntary Value-Engineering Deducts**

Electrical V/E Pricing #1 – Provide distribution equipment with aluminum bussing/windings and aluminum service & feeder conductors. Deduct (\$13,116)

Electrical V/E Pricing #2– Provide substitute ATS equipment. Deduct (\$10,000)



Harvey Construction Corporation  
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Bedford, NH 03110  
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www.harveyconstruction.com

January 12, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**JOHN L. CARTER SPRINKLER COMPANY, INC.**  
**FIRE PROTECTION**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **FIRE PROTECTION** contract for subject project to **JOHN L. CARTER SPRINKLER COMPANY, INC.** for the total amount of **One Hundred Twenty Three Thousand Eight Hundred Fifteen Dollars and 0.00/100 (\$123,815.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation



Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.



**Capt. William Breault**

1/13/15  
Date

Trade:	Co.	John L. Carter John Carter 224-5438	12/18/2014	Co. Mike Joanis Covenant 855-517-7621	12/19/2014	Co. Bob Stone	12/19/2014
Spec. Sections:	HCC Budget	Contact: Phone:	Contact: Phone:	Contact: Phone:	Contact: Phone:	Contact: Phone:	Contact: Phone:
<b>FIRE PROTECTION</b>							
Division #21							
21 10 00							
<b>Scope Check List</b>							
<b>Base Bid</b>							
Police Facility	\$ 94,500	\$	80,475	\$	65,000	\$	93,945
Parking Garage	\$ 86,400	\$	41,840	\$	62,000	\$	55,080
100% Payment & Performance Bond							
Documents							
Dover Police Facility and Public Parking Garage Vol #1, dated November 17, 2014.							
Dover Police Facility and Public Parking Garage Vol #2, dated November 17, 2014.							
Dover Police Facility and Public Parking Garage - Site Development Plans 6/30/14							
Orchard Street Reconstruction - Subdivision Plans June 2014							
Dover Police Facility and Public Parking Garage - Site Landscape Plan 6/25/14							
Specifications: Dover Police Facility and Public Parking Garage, Dover New Hampshire, dated November 17, 2014.							
City of Dover Department of Public Works - Current Specs							
State of New Hampshire DOT Specs							
RFI's							
1 to 11							
RFI #12 - Issued 12/19/14 Post Bid Review							
1 & 2							
Addendum							
SCHEDULE							
Scope							
Divisions 21 and as described on the "FP" Fire Protection series drawings.							
3d Coordination drawings in CADREVI/PDF format							
Engineering and design by a licensed fire protection engineer.							
Permit Fees							
Demo, coring, sleeves, fire stopping and caulking as required for the fire protection scope							
<b>Post Indicator Values at each Building?</b>							
Solarium Hangers per NFPA							
GARAGE - Dry System							
POLICE - Wet System							
Pre-action system for 2nd Floor MIS Server Room 226. Including Mech & FA Components							
<b>Detectors &amp; Wiring??</b>							
Fire Extinguisher Cabinets							
Commissioning per 01 91 13777							
Exclusions							
Fire watch/shutdown fees							
Electrical devices, wiring of any nature (power, alarm, control and detector).							
Fire extinguishers.							
Prevailing wage rates & work outside normal work hours.							
Fire pump							
Underground water mains							
<b>Installation of fire alarm equipment associated with the pre-action sprinkler system.</b>							
<b>Total</b>	<b>\$ 179,900</b>	<b>\$</b>	<b>123,815</b>	<b>\$</b>	<b>127,000</b>	<b>\$</b>	<b>149,025</b>

# John L. Carter

SPRINKLER COMPANY INC.



Design • Service • Installation

December 18, 2014

Harvey Construction  
10 Harvey Rd.  
Bedford, NH 03110  
Attn: Joe Pollock

**Re: Dover Police Station and Garage**

Dear Joe:

We are pleased to quote the firm price of **\$122,315.00** to completely sprinkler the Police Station by providing wet sprinkler protection and provide dry sprinkler protection for the lower level of the parking garage and dry standpipes for all levels based on plans dated 11/17/14, Addendum No. 1 and 2 and RFI 1,2,3,4,5,6,7,8,9,10 and 11.

Price breakdown is as follows:

Police Station \$80475.00  
Garage \$41840.00  
Total \$122,315.00

**The price includes labor and material for:**

1. Work to start at 6" flange 1'-0" above finish floor.
2. Straight pipe riser with approved trim for Police Station.
3. Dry pipe valve with approved trim for garage.
4. Floor control valves for Police Station.
5. Indicator control valve with tamper switch for each area.
6. Backflow preventer.
7. Local electric bell alarms.
8. Exposed type 4" storz fire department connection.
9. Retarding water flow and low-pressure switch for alarms tied into fire department.
10. Alarms zoned per floor for Police Station.
11. Wet type sprinkler system protection based on N.F.P.A. 13 light hazard for Police Station and ordinary hazard for the garage group no. I requirements. Pipe to be run exposed with brass upright sprinklers in unfinished areas and concealed with white concealed pendant sidewall heads and escutcheons in the finished areas. All areas where wet pipe has been installed should be maintained at a minimum temperature of 40 °F to prevent freezing.
12. Dry and preaction system to have Schedule 40 Grove galvanized pipe 2" and above and schedule 40 galvanized pipe screwed with galvanized fittings 1 ½ down.
13. Two 4" manual dry standpipes with 2 ½" fire valves 2 ½"x 1 ½" reduce cap and chain, polished chrome exposed in stairwells for garage.
14. Core drilling.

15. Preaction protection for server room.
16. Permits fees.
17. PE stamped plans.
18. Plans for fire department approval.
19. Sprinkler protection along wall separating garage and police station on level P2 as specified.
20. Our insurance coverage "as is."
21. Broom clean only.
22. General contractor to provide one complete set of blueprints and CAD 2014 compatible disc of ceiling plans and typical building section for us to use to develop our plans.

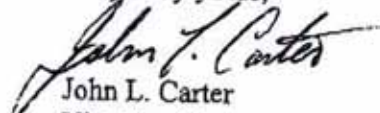
**The prices do not include:**

1. Underground entrance.
2. Electrical wiring of local electric bell, alarms, air compressor/electrical control wiring of compressor or preaction system.
3. Alarms tied to fire station. We supply switch only.
4. Painting of pipe or equipment.
5. Soffitting or boxing of pipe.
6. Server room clean agent protection.
7. Detection work and control wiring for preaction system.

Price includes our existing insurance and is good for thirty days without review. Terms: Net 30 days. A financial charge of 2% per month will be imposed against all overdue accounts with an Annual Percentage Rate of 24%. The purchase agrees to pay all collection costs including reasonable attorney fees. All work will be done in good workmanship like manner using only U/L listed materials. All work is under warranty for one year providing others have not altered the system.

Thank you for the opportunity to provide this proposal. We would certainly appreciate the chance to work with you on this project.

Very truly yours,

  
John L. Carter  
Vice-President

Approved by \_\_\_\_\_ date \_\_\_\_\_  
Please sign and return copy to us. Thank you.



Harvey Construction Corporation  
 10 Harvey Road  
 Bedford, NH 03110  
 Telephone (603) 624-4600  
 Facsimile (603) 668-0389  
 www.harveyconstruction.com

January 12, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**JOHNSON & JORDAN, INC.**  
 Mechanical – BID PACKAGE 16A  
 Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **Mechanical** contracts for subject project to **JOHNSON & JORDAN, INC.** for the total amount of **One Million Eight Hundred Forty Two Thousand Six Hundred Dollars and 0.00/100 (\$1,842,600.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavalée Brensinger. The final contract amount subject to reconciliation of final VE accepted by City.

The following VE alternates have been included in this recommendation:

- Deduct City Permit fees: \$(30,000)
- Deduct PE Service for Systems Cx: \$(27,400)

This award is based on the attached cost proposal and our bid tabulation spreadsheet.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
 Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

**Capt. William Breault**

1/13/15

Date





MECHANICAL CONTRACTORS

Date: 12/19/14

Attn: Andrew Martino  
Harvey Construction

Re: Dover Police and parking garage

J&J # 14479

Dear Andrew,

Johnson & Jordan is pleased to provide a plumbing and HVAC quote for the Dover Police Project. We are quoting Plans and Specifications dated 11/17/14. We acknowledge addendums 1 and 2, RFI 1-12.

<b>Police Department:</b>	<b>\$1,665,000</b>
<b>Parking Garage:</b>	<b>\$230,000</b>

Clarifications:

Parking Garage CO system by controls company and not by Carmon as asked for by drawing. Carmon did not price that system as it is not something they manufacture. Quotes carried per drawings and specifications. Cost savings are available. Please call to discuss.

We have carried testing and balancing, permit fees, trench drains, underslab piping supports, project schedule, bid package items 15A Rev #1, heat trace supplied by J&J

Bonds and Misc. allowance added. \$20K to PD and 10K to garage.

Added 4x the underground hangers per spec for garage and PD.

Coordination and 3D drawings were also added.

We have added \$27,400 to carry a commissioning agent.

Includes Permit fees of \$30,000.

Exclusions:

- Generator exhaust (not sized or indicated)
- Construction Walls
- Cutting and Patching
- Fire Protection
- Electrical
- Painting
- Site Work and Man Holes
- Concrete work (Housekeeping pads, etc.)
- Floor Cutting and Trench work
- Prevailing Wages
- Structural steel

- **Temporary Heating and Cooling**
- **Water Meter Fees and Impact Fees**
- **Davis Bacon Wages**

Potential VE Items:

1. Drinking fountain cost for (4) fountains and chiller as specified was \$21,000. Save \$15,000 with alternate approach.
2. Gas booster was \$37,000. Review for necessity. Gas is mostly feeding domestic water heaters, with some to ERU units.
3. Alternate to PVI water heaters, potential savings of \$10,000.
4. Zoning for VRF system could be drastically reduced. Major savings could had, further discussion required to give firm deduct.
5. Insulated stainless steel hangers on underslab piping are worth \$17,000 on the garage and 7,000 on the PD.
6. Plumbing fixtures scheduled were excessive in price. Less expensive alternatives can be explored.
7. Does garage elevator room need an A/C unit? Would ventilation be adequate?
8. Separate garage roof and garage drainage systems could be potentially combined.
9. Delete rain water "Stormceptor". Deduct \$6,500.
10. Delete garage exhaust duct. Deduct \$30,000.
11. Use Trane VRF system in lieu of Mitsubishi. Deduct \$50,000
12. Deduct permit fees: Deduct \$30,000
13. Alternate ERV units: Deduct \$30,000

If there are any questions, feel free to call.

Sincerely;

Joe Fadden  
[jfadden@johnsonandjordan.com](mailto:jfadden@johnsonandjordan.com)

Cc: Chris Jordan J&J

**Harvey Construction**

**Bid For: Dover Police Facility and Public Parking Garage**

**Bid Due Date: 12/19/14**

**2:00 P.M.**

Bidding Firm's Name: JOHNSON & JORDAN

Address 18 MUSSEY RD.

SCARBOROUGH, ME 04074

A. Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Mechanical** work herein described as **Bid Package No. 15A** as required for the construction and completion of the Manchester Municipal Complex in accordance with the Drawings and Specifications as prepared by Lavallee Brensinger Architects, Harvey's Instructions to Bidders, this Bid Package and this Proposal Form.

**ALTERNATES**

Alternate No.1: (NOT USED)                      **ADD/DEDUCT \$** NA

Alternate No.2: SUN SHADES                      **ADD/DEDUCT \$** NA

Alternate No.3: (Garage Lower Level – PD Oversize Vehicle Parking Foundation Modification)  
**ADD/DEDUCT \$** NA

Alternate No.4: (EOC Audio Video Enhancement):  
**ADD/DEDUCT \$** NA

Alternate No.5: (Site Lighting – Adjacent City Parking Lot)  
**ADD/DEDUCT \$** NA

Alternate No.6: (Lobby Wall Paneling)  
**ADD/DEDUCT \$** NA

Alternate No.7: Safety Padding  
**ADD/DEDUCT \$** NA

**Alternate No. M-1: Deduct the cost of permits and fees imposed by the City of Dover**  
**DEDUCT \$** 30,000

**Voluntary Cost Saving/ Value Engineering Deducts**

Please use a separate sheet if required

Description: POTENTIAL SAVINGS OF \$285,000 +

**DEDUCT \$** SEE ATTACHED SHEET

**Harvey Construction**

**Bid For: Dover Police Facility and Public Parking Garage**

**Bid Due Date: 12/19/14  
2:00 P.M.**

Bidding Firm's Name: Johnson and Jordan

Business Address: 18 Mussey Rd.

including City & State SCARBOROUGH, ME 04079

A. Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Plumbing and HVAC** work herein described as **Bid Package No. 15A** as required for the construction and completion of the Manchester Municipal Complex in accordance with the Drawings and Specifications as prepared by Lavallee Brensinger Architects, Harvey's Instructions to Bidders & Scope of Work doc. and this Proposal Form.

Addenda: This Bid includes Addenda numbered: \_\_\_\_\_

**Base Bid**

<u>1.) Police Facility</u>	<u>\$ 1,665,000</u>	<u>Inc. Bond</u>
<u>2.) Parking Garage</u>	<u>\$ 230,000</u>	<u>Inc. Bond</u>
<u>Total</u>	<u>\$ 1,895,000</u>	<u>Inc. Bond</u>
<u>Breakout Value of Performance &amp; Payment Bond</u>	<u>\$ 15,300</u>	

Does your firm offer Health Care Insurance to your employees? YES  NO

The undersigned agrees that this bid is good for 45 days, and represents that this Proposal is made in good faith, without fraud collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection or obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

Signed J.P.P.

By: JOSEPH FADDEN Date: 12/19/14

Title: ESTIMATOR



MECHANICAL CONTRACTORS

PER 1/9/15 Scope review

Andrew Martino  
Harvey Construction

Re: Dover PD – Potential VE Items

1. Substitute (4) Oasis Model OASM8WRSBF drinking fountain/ bottle filler in lieu of Filtrine model and remote cooler as specified. Deduct \$10,000 for single station or \$8,000 for Bi-level station.  
**DRINKING FOUNTAINS – Submit Bi-level station cut sheet for review**
2. Use Metcraft Penal Fixtures in lieu of Acorn. Deduct \$2,500  
**Metcraft Penal Fixtures look to be acceptable – Submit cut sheet for review**
3. In lieu of specified P-7A shower (Qty 5) with trench drain, use standard Aker acrylic shower with 6" dam and Symmons valve. Deduct \$12,000  
**Alt P-7A shower – Submit cut sheet for review**
4. In lieu of specified P-7B shower (Qty 2) with trench drain and "Visutemp" valve, use ADA Aquarius acrylic shower unit without trench drain and use Symmons ADA valve. Deduct \$4,000  
**Alt P-7B shower – Submit cut sheet for review**
5. In lieu of specified "Stormceptor" oil separator use manhole type oil separator by American Concrete products. Deduct \$4,000  
**HCC to forward Stormceptor cut sheet Alternate for review**
6. Combine top deck garage draining system and lower deck systems. Deduct \$22,000  
**Combine top deck garage drainage systems - REJECTED**
7. Delete duct distribution beyond EF-2 in the garage. Deduct \$14,000  
**Delete duct distribution beyond EF-2 in the garage. WSP to review and advise regarding scope.**
8. Substitute Trane VRF system for Mitsubishi. Deduct \$50,000.  
**Substitute Trane VRF system for Mitsubishi. – Submit cut sheet for review. JJ to set up meeting with Trane and/or Daikin and WSP to review in more detail.**
9. Delete requirement for 3<sup>rd</sup> party commissioning. Deduct \$27,400  
**Delete requirement for 3rd party commissioning – ACCEPTED. WSP to provide City with proposal for this work**
10. Deduct requirement for coordination drawings. Deduct \$15,000  
**Deduct requirement for coordination drawings – REJECTED**
11. Deduct permit fees. Deduct \$30,000  
**Deduct permit fees. ACCEPTED.**
12. In lieu of specified ERV units use Aeon units to match specification with 18" seismic curbs instead of 36" high curb. Deduct \$30,000  
**In lieu of specified ERV units use Aeon units to match specification with 18" seismic curbs instead of 36" high curb. – Submit cut sheet for review**
13. Use PVC for drainage in lieu of cast iron. Deduct \$15,000  
**Use PVC for drainage in lieu of cast iron - REJECTED**
14. Use CPVC or rigid PEX for domestic water. Deduct \$3,000  
**Use CPVC or rigid PEX for domestic water – REJECTED**
15. Alt PVI Heaters (PRICE PENDING FROM JJ)– Submit cut sheet for review
16. VRF Zoning Changes- REJECTED
17. Gas Booster Alternate (PRICE PENDING FROM JJ)– Submit cut sheet for review



Harvey Construction Corporation  
10 Harvey Road  
Bedford, NH 03110  
Telephone (603) 624-4600  
Facsimile (603) 668-0389  
www.harveyconstruction.com

January 13, 2015

**Capt. William Breault**  
**Dover Police Department**  
**Field Operations Division**  
**Dover, NH Police Department**

RE: Recommendation of Award  
**Rebars & Mesh, Inc.**  
**REINFORCING STEEL**  
Dover Police Facility and Public Parking Garage/Orchard Street Reconstruction

Dear Mr. Breault,

Harvey Construction is seeking approval to award the **REINFORCING STEEL** contract for subject project to **Rebars & Mesh, Inc.** for the total amount of **Two Hundred Fifty Three Thousand Nine Dollars and 0.00/100 (\$253,009.00)**. Scope of work in accordance with the Dover Police Facility and Public Parking Garage Plans dated 11/17/14, Site Development Plans dated 6/30/14 and Orchard Street Reconstruction – Subdivision Plans dated June 2014 prepared by CLD Engineers and Lavallee Brensinger.

If you have any question or concerns, please advise.

Very Truly Yours,

Harvey Construction Corporation

Andrew P. Martino, P.E., LEED AP  
Project Manager

I hereby authorize Harvey Construction to enter into a contract agreement with the aforementioned subcontractor/supplier on behalf of the City of Dover for the amount stated above.

**Capt. William Breault**

1/13/15  
Date



January 7, 2015



**WBE/DBE-Certified**  
Maine  
Massachusetts  
New Hampshire

TO: Andrew Martino  
Harvey Construction

FROM: April Driscoll

SUBJECT: Dover Police Facility, Dover, NH

**REVISED**

Reinforcing Steel, Grade 60 – A615, cut, bent, bundled, tagged and delivered with setting plans: \$107,647.00 (108.3 tons, approx.)

100 SF, 6 x 6 W2.1/W2.1, A1064, sheets @ SOG  
23,750 SF, 6 x 6 W2.9/W2.9, A1064, sheets @ Level 1 SOD  
400 SF, 6 x 6 W2.1/W2.1, A1064, sheets @ Level 1 SOD } \$5,502.00

3,150 LF, 1 1/2" SB w/Plate @ Lower Level Bottom Support  
3,150 LF, 4" CHCU @ Lower Level Top Bar Support  
525 LF, 1 1/2" SB w/Plate @ SOG  
45 LF, 2" SB w/Plate @ SOG  
285 LF, 3" SB w/Plate @ SOG  
505 LF, 7" CHCU @ SOG Top Bar  
105 LF, 2 1/2" SBU @ Level 1  
5,565 LF, 3" SBU @ Level 1 } \$9,007.00

**OPTION:** 287 EA, 9" IHC w/Plate @ Pile Cap Bottom Bars  
420 EA, 9" IHC w/Plate @ Wall Footing Bottom Bars } ADD: \$1,322.00

Qualifications: WWF – Lap 2 SQ; 10" SOG – Bottom Mat Supported on Slab Bolsters w/ Plates (S0.2/CS16) Spaced at 36", Top Mat Supported on Chairs Spaced at 36"; Ramp Slab Assumed with #4 @ 12" EW, Middle of 6" Slab, Supported on SB w/Plates at 36"; 12" SOG – Bottom Mat Supported on Slab Bolsters w/ Plates (S0.2/CS16) Spaced at 36", Top Mat Supported on Chairs Spaced at 36"; Topping Slab – Assumed with 6 x 6 W2.1/W2.1;

INCLUDES: Pile Caps, Grade Beams, Foundations Walls, Elevator Pit, SOG, Level 1, CMU

EXCLUDES: Taxes, Added Bars Not Shown, CJD, Smooth Bars, Accessories UNO, Site Work, Pile Dowels at Uplift Piles, Any Items Not Listed Above

Drawings: Bid Set, dated 11/17/14; Addenda 1 – 2

Prices are valid for 30 days and based on 8 deliveries prior to 2/28/15; please add \$50.00/ton each 6 months thereafter. Additional deliveries at \$400.00 each.

Sincerely,

A handwritten signature in black ink, appearing to read 'April Driscoll'. The signature is written in a cursive, flowing style.

**rebars & mesh, inc.**

December 19, 2014



**WBE/DBE-Certified**  
Maine  
Massachusetts  
New Hampshire

TO: Joe Pollock  
Harvey Construction  
FROM: April Driscoll  
SUBJECT: Dover Police Parking Garage, Dover, NH

Reinforcing Steel, Grade 60 – A615 & A775, cut, bent, bundled, tagged and delivered with setting plans: \$122,630.00 (123 tons, approx.)

32 Sets, #6 Uncoated BarSplice DBS }  
111 EA, #4 Epoxy Coated BarSplice DBI } \$994.00

650 SF, 4 x 4 W4.5/W4.5 (or equivalent), A884, sheets @ Top of Wall }  
3,300 SF, 4 x 4 W4.5/W4.5 (or equivalent), A884, sheets @ Levels 2-6 } \$3,907.00

255 LF, 3" Plastic SBU @ Infill Mesh Support }  
30 LF, 3 1/2" SBU @ Elevator Top Mat Support }  
1,380 LF, 3" Plastic SBU @ SOG } \$904.00  
1,420 LF, 1" Plastic SBU @ Levels 2 – 6 }

**OPTION:** 277 EA, 9" IHC w/Plate @ Pile Cap Bottom Bars }  
309 EA, 9" IHC w/Plate @ Wall Footings Bottom Bars } ADD: \$1,096.00

**Qualifications:** Pile Caps PC3 Assumed with 3 #8 EW, Bottom; Pile Dowels CP4 Assumed with 12 #9 Vertical; Pile Dowel CP6 Assumed Similar to CP3; Pour Strip at 1/SF502 Reinforced w/ 4 x 4 W4.5/W4.5 Epoxy Coated WWF Supported on Plastic Chairs; Elevator Pit Slab 7/SF502 with DBS at Grade Beams; SOG at 1-1.5/A-B.5 w/ Double Mat of Rebar, Top Mat is Epoxy Coated – Both Mats Supported on Plastic Chairs; Stair Supporting Pad Assumed with #5 @ 121" Epoxy; Concrete Island 19/SS-002 Assumed w/ Uncoated Rebar; Topping Slab – Estimated Based on Detail 2/G-SS-521 with 4 x 4 W4.5/W4.5 Epoxy Coated WWF, Supported on All Plastic Chairs, Spaced @ 24"; Slab Infill 2/G-SS-521 Reinforced with Epoxy Rebar & Epoxy DBI (Assumed 3'0" Long); Assumed Additional 5 Tons of Rebar as Uncoated

**INCLUDES:** Pile Caps, Pile Dowels, Grade Beams, Piers, Foundation Walls, SOG, Level 2, CMU, Additional 5 Tons Rebar (per Engineer Directions 033000.01/2.2/A)

**EXCLUDES:** Added Bars Not Shown, CJD, Smooth Bars, Accessories UNO, Site Work, Any Items Not Listed Above

**Drawings:** Bid Set, dated 11/17/14; Addenda 1 – 2

Prices are valid for 30 days and based on 9 deliveries prior to 2/28/15; please add \$50.00/ton each 6 months thereafter. Additional deliveries at \$400.00 each.

Sincerely,

**rebars & mesh, inc.**