



456-2007 ADDENDUM 1

CONSTRUCTION OF OFFICE/GARAGE RENOVATIONS AND STORAGE BUILDING AT 1539 WAVERLEY STREET

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE BID OPPORTUNITY

ISSUED: November 15, 2007
BY: Don Hester
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THIS ADDENDUM SHALL BE INCORPORATED INTO THE BID OPPORTUNITY AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS

Template Version: A20070419

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART A – BID SUBMISSION

Replace: 456-2007 Bid Submission with 456-2007 Addendum 1 - Bid Submission. The following is a summary of changes incorporated in the replacement Bid Submission:

Form B(R1): Add Items No. 13 and 14.

PART B – BIDDING PROCEDURES

Add: B3.3 Further to B3.1, an additional Site visit has been arranged and the Contract Administrator or an authorized representative will be available at the Site from 9:30 a.m. to 11:00 a.m. on November 19, 2007 to provide Bidders access to the Site. Bidders are to meet at the East Doors – Main Entrance.

PART E – SPECIFICATIONS

Revise: E1.2 to read: The following are applicable to the Work:

<u>Specification No.</u>	<u>Specification Title</u>
01021	Allowances
01293	Payment Procedures: Laboratory Testing Services
01330	Submittal Procedures
01450	Quality Control
01560	Temporary Barriers and Enclosures
01561	Environmental Protection
01610	Basic Product Requirements
01705	Health and Safety
01780	Closeout Submittals
02051	Parking Fence & Parking Posts
02221	Demolition of Structures
02225	Sitework Demolition and Removal
02311	Site Grading
02315	Excavation, Trenching and Backfilling
02451	Pile Foundations, General
02622	Foundation and Underslab Drainage
02701	Aggregates: General
02702	Corrected Maximum Dry Density

<u>Specification No.</u>	<u>Specification Title</u>
02721	Granular Base
02722	Pavement Surface Cleaning and Removal of Pavement Markings
02723	Granular Sub-base
02743	Asphalt Concrete Paving – Short Form
02761	Painted Traffic Lines and Markings
02821	Chain Link Fencing and Gates
03100	Concrete Forms and Accessories
03200	Concrete Reinforcement
03300	Cast-in-place Concrete
03481	Pre-cast Concrete Parking Curbs
04051	Masonry Procedures
04060	Mortar and Masonry Grout
04080	Masonry Reinforcement and Connectors
04090	Masonry Accessories
04220	Concrete Masonry Units
05121	Structural Steel for Buildings
05210	Steel Joists
05310	Steel Deck
05411	Wind-Load Bearing Steel Stud Systems
05500	Metal Fabrications
05510	Metal Stairs and Ladders
05810	Expansion Joint Cover Assemblies
06070	Wood Treatment
06101	Rough Carpentry Short Form
06200	Finish Carpentry
06666	Plastic Laminates
07210	Building Insulation
07271	Air Barriers (Descriptive Proprietary)
07411	Preformed Metal Siding
07610	Sheet Metal Roofing
07620	Sheet Metal Flashing and Trim
07631	Gutters & Downspouts
07840	Fire Stopping
07900	Joint Sealers
08110	Steel Doors and Frames
08120	Aluminum Doors and Frames
08360	Overhead Sectional Doors
08700	Door Hardware
08800	Glazing
09110	Metal Stud System
09250	Gypsum Board
09510	Acoustical Ceilings
09650	Resilient Flooring
09900	Finish Painting
10500	Metal Lockers
10675	Metal Storage Shelving
15010	Mechanical General Requirements
15051	Pipe Welding
15060	Testing
15061	Pipe Supports, Anchors and Seals
15072	Vibration Isolation
15075	Mechanical Identification
15095	Cleaning and Start-up of Mechanical Piping Systems
15101	Installation of Pipework
15111	Valves and Strainers
15180	Mechanical Insulation
15192	Piping, Valves and Fittings Natural Gas
15212	General Serviced Compressed Air Systems

Specification No.

Specification Title

15300	Wet Pipe Fire Suppression Sprinklers
15305	Portable Fire Extinguishers
15400	Plumbing
15430	Plumbing Specialties and Accessories
15722	HVAC Units
15762	Terminal Heat Transfer Devices
15800	Ductwork and Accessories
15831	Commercial Fans
15870	Air Outlets
15900	Controls
15950	Testing, Adjusting and Balancing (TAB) of Mechanical Systems
16010	Electrical General Requirements
16062	Grounding Secondary
16071	Fastenings and Supports
16122	Wires and Cables 0-1000V
16124	Communication Cables Inside Buildings
16132	Outlet Boxes, Conduit Boxes and Fittings
16133	Conduits, Conduit Fastening and Conduit Fittings
16141	Wiring Devices
16151	Wire and Box Connectors 0-1000V
16161	Electrical Cabinets and Enclosures
16223	Motor Starters to 600 V
16412	Moulded Case Circuit Breakers
16414	Disconnect Switches Fused and Non-fused
16441	Panelboards Breaker Type

Drawing No.

Drawing Name/Title

Cover Sheet

ARCHITECTURAL

Office

OFF-A2.1	Main Floor Plan - Demo & Reflected Ceiling Plan - Millwork & Schedules
OFF-A2.2	Office - Main Floor Plan

Garage

GAR-A2.1	Demolition – Main Floor Plan – Main Floor Plan & Mezzanine Sections & Schedules
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New Storage Building

STO-A2.1	New Post-Frame Storage Building Main Floor Plan, Elevations, Door & Finish Schedule
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Site Development

SITE-C1.1	General Site Works
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STRUCTURAL

Garage

GAR-S1.1	Garage – Main Floor Slab - Plan & Details
GAR-S2.1	Garage – Mechanical & Storage Level - Plans & Details

New Storage Building and Bins

STO-S1.1	New Fuel Shed Base – Plan & Detail
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MECHANICAL

General and Legends

GEN-M1.1	Mechanical General Notes, Legend & Schedules
GEN-M2.1	Mechanical Site Plan

Office

OFF-M1.1	Mechanical Demolition – HVAC - Main Floor Office
OFF-M2.1	Mechanical New Construction – HVAC Main Floor Office

Garage

GAR-M1.1	Mechanical New Construction – Plumbing – Main Floor Garage
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<u>Drawing No.</u>	<u>Drawing Name/Title</u>
GAR-M1.2	Mechanical New Construction – HVAC – Main Floor Garage
<u>ELECTRICAL</u>	
Office	
OFF-E1.1	Office Main Floor Demolition
OFF-E2.1	Office Main Floor New Construction
Garage	
GAR-E1.1	Office Main Floor Demolition Garage Main Floor - Lighting & Power
GAR-E2.1	Garage Mezzanine – Lighting & Power
New Storage Building	
STO-E1.1	Storage Building Partial Plan and Details
Site Development	
SITE-E1.1	Site Plan – Storage Building Parking Lot Receptacles
SITE-E1.2	Site Plan – North Parking Lot Details and Schedules

Add: **E2. Exhaust Extraction System**

Supply, install and commission a dedicated vehicle exhaust extraction system. The exhaust extraction system shall include the following components, and all others required to provide a fully functional system:

Exhaust Fan:

1. Capacity: 378 LPS (800 cfm) air flow, at approximately 1.3 kPa (5" water column) static pressure.
2. Suitable for 149°C (300° F) diesel exhaust.
3. Belt guards.
4. Heat shield and shaft cooler.
5. 208 v/ 3 ph/ 60 hz. TEFC motor.
6. On/off wall mounted magnetic motor starter, in NEMA 4 enclosure.
7. Gravity backdraft damper.
8. Wall mounting brackets.
9. Acceptable Product: Monoxivent 120 CPS or equal in accordance with B6.

Vehicle Exhaust Adapter and Handling Pole

1. Suitable for use on truck diesel exhaust, either stack or under frame exhaust, up to 5" diameter, with curved discharge tips.
2. Sleeve for lifting/handling pole.
3. Spring Clamp.
4. 3m (10foot) handling pole.
5. Main connection to suit exhaust hose.
6. Acceptable Product: Monoxivent TCA-8-LS-SP, or equal in accordance with B6.

Exhaust Hose

1. Manufacturer approved for use on overhead hose reels.
2. Rated 315°C (600° F) continuous duty.
3. 9m (30 foot) length.
4. 200mm (8") diameter.
5. Acceptable Product: Monoxivent Series 4000, or equal in accordance with B6.

Exhaust Hose Reel

1. Motor /chain drive (120V).
2. Raise/lower control switch, to be installed on wall.
3. Capacity: 7.3m (24 feet) of 200mm (8") hose on reel.
4. Mounting bracket for overhead mounting.
5. Acceptable Product: Monoxivent Series 9000-W-MTRCH, or equal in accordance with B6.

Ducting and Accessories:

1. Minimum 200mm (8") diameter, welded seam ducting or tubing.
2. All welded seam fittings.
3. All ducting and supports from reel to fan, and fan to outside.

4. Seal all positive side ducting with product approved for that purpose by its manufacturer.
5. Wall penetration, complete with ULC listed wall thimble.

Add: NMS Section 15212 General Serviced Compressed Air Systems

Supply, install, and commission a compressed air system in the Forestry Garage area, as outlined in attached NMS Section 15212 and on Drawing GAR-M1.1-RE. This will include but not be limited to the following components:

- air compressor
- main coalescing filter
- air dryer
- storage reservoir
- pipelines
- hose reels and hoses
- all related fittings

Revise: NMS Section 15722 – HVAC Units

Delete Item 2.1 - Packaged Direct Gas Fired Make-Up Air Unit (MUA-1) in its entirety.

DRAWINGS

Replace: 456-2007 _Drawing_GAR-A2.1-R02 with 456-2007 _Addendum_1 _Drawing_GAR-A2.1-R03.

456-2007 _Drawing_OFF-A2.1-R02 with 456-2007 _Addendum_1 _Drawing_OFF-A2.1-R03.

456-2007 _Drawing_STO-A2.1-R02 with 456-2007 _Addendum_1 _Drawing_STO-A2.1-R03.

456-2007 _Drawing_GAR-S1.1-RB with 456-2007 _Addendum_1 _Drawing_GAR-S1.1-RC.

456-2007 _Drawing_GEN-M1.1-RD with 456-2007 _Addendum_1 _Drawing_GEN-M1.1-RE.

456-2007 _Drawing_GEN-M2.1-RD with 456-2007 _Addendum_1 _Drawing_GEN-M2.1-RE.

456-2007 _Drawing_GAR-M1.1-RD with 456-2007 _Addendum_1 _Drawing_GAR-M1.1-RE.

456-2007 _Drawing_STO-E1.1-RD with 456-2007 _Addendum_1 _Drawing_STO-E1.1-RE.

456-2007 _Drawing_GAR-E1.1-RD with 456-2007 _Addendum_1 _Drawing_GAR-E1.1-RE.

456-2007 _Drawing_GAR-E2.1-RD with 456-2007 _Addendum_1 _Drawing_GAR-E2.1-RE.

456-2007 _Drawing_OFF-E1.1-RD with 456-2007 _Addendum_1 _Drawing_OFF-E1.1-RE.

456-2007 _Drawing_OFF-E2.1-RD with 456-2007 _Addendum_1 _Drawing_OFF-E2.1-RE.

456-2007 _Drawing_SITE-E1.1-RD with 456-2007 _Addendum_1 _Drawing_SITE-E1.1-RE.

456-2007 _Drawing_SITE-E1.2-RD with 456-2007 _Addendum_1 _Drawing_SITE-E1.2-RE.

456-2007 _Drawing_GAR-E1.1-RD with 456-2007 _Addendum_1 _Drawing_GAR-E1.1-RE.

456-2007 _Drawing_GAR-E2.1-RD with 456-2007 _Addendum_1 _Drawing_GAR-E2.1-RE.

Add: 456-2007 _Drawing_GAR-M1.2-RE

456-2007_Drawing_OFF-A2.2-R01

The following drawings are being reissued to provide better plotting quality (no revisions have been made).

456-2007_Drawing_OFF-M1.1-RD
456-2007_Drawing_OFF-M2.1-RD