



CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

Michael W. Chucran, Director

ADDENDUM NO. 1

DATE: December 1, 2016

Contract 16-C-00032; David L. Tippin WTF Filter Building Structural Rehabilitation

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace Proposal page P-2 with the attached page P-2R.

Item 2: Replace Section 011000 Task Items with the attached Section 01000 Task Items.

Item 3: Attached for reference is the pre-bid meeting sign-in sheet.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to Contract Administration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
1.1	Project Mobilization / General Conditions / Permits	L.S.	1		\$	\$
2.3	Partial Depth Concrete Floor Repair	S.F.	10		\$	\$
3.1	Overhead Partial Depth Concrete Repair	S.F.	25		\$	\$
3.5	Concrete Floor Beam Repair	S.F.	15		\$	\$
3.6	Exterior Concrete Beam Repair	L.S.	1		\$	\$
4.1	Concrete Wall Repair	S.F.	70		\$	\$
7.5	Cove Sealant	L.S.	1		\$	\$
7.6	Epoxy Injection	L.F.	50		\$	\$
7.8	Exterior Beam Coating	L.S.	1		\$	\$
7.9	Wall/ Ceiling Coating Replacement	L.S.	1			
8.6	Plaster Replacement	S.F.	1,000		\$	\$
10.1	Cast Stone Restoration	L.S.	1		\$	\$
	CONTINGENCY	L.S.	1	Twenty Three Thousand Six Hundred Dollars and No Cents	\$ 23,600.00	\$ 23,600.00

SECTION 011000

TASK ITEMS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General Conditions and Division-1 Specification sections, apply to work of this section.

1.2 TASK ITEM (T.I.) DESCRIPTION

T.I. 1.1 PROJECT MOBILIZATION

A. Scope of Work

1. Work consists of coordinating, scheduling, obtaining and assembling at construction site all equipment, materials, permits, supplies, manpower and other essentials and incidentals necessary to perform Work defined in this Contract.

T.I. 1.3 LEAD ABATEMENT

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, and incidentals necessary to perform lead abatement when removing existing lead-containing coatings.
2. Refer to Terracon report "Report of Asbestos and Lead Containing Paint and Materials Testing", dated April 20, 2016 **for information purposes only.**
3. All lead abatement work shall be performed in accordance with all OSHA, EPA, and FDEP standards and regulations.
4. 100% lead abatement will be required when performing work for Task Items 3.1, 3.5, 4.1, and 7.8.
5. Lead abatement work per Task Item 1.3 is incidental to Task Items listed above.

T.I. 2.3 PARTIAL DEPTH CONCRETE FLOOR REPAIR

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, staging, formwork, supervision, and incidentals necessary to locate existing spalls, locate and remove full delaminated and unsound concrete from concrete slab, prepare cavities, and install repair materials to restore concrete floor slab to original condition and appearance. Refer to Detail 1/S3.4 for specific requirements. Refer to Plan Sheets for location of work.

B. Materials

2. Material for repair areas shall be as specified in Section 030105 "Concrete Repair Materials."

C. Execution

1. Contractor shall locate and mark all work areas as specified in Section 030101 "Surface Preparation for Patching." Marking will be done with methods approved by Engineer and Owner. Contractor shall identify all critical repair work areas before starting the work.
2. Procedure for delaminated, spalled, and unsound concrete removal shall be as specified in Section 030101 "Surface Preparation for Patching."
3. All steel exposed within cavities shall be cleaned to bare metal by abrasive methods or other approved methods as specified in Section 030101 "Surface Preparation for Patching."
4. Exposed steel shall be epoxy coated with an approved epoxy product as specified in Section 030101 "Surface Preparation for Patching."
5. Contractor shall prepare cavities for repair placement as specified in Section 030101 "Surface Preparation for Patching."
6. Patch installation procedures shall be in accordance with referenced specifications for selected material.

T.I. 3.1 OVERHEAD SLAB REPAIR

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, scaffolding, shoring, and incidentals necessary to locate existing spalls, locate and remove delaminated and unsound concrete, prepare cavities, and install patching materials to restore slab to original condition and appearance. Refer to Detail 1/S3.1. Refer to Plan Sheets for location of work.
2. Refer to Task Item 1.3 for lead abatement requirements. Lead abatement work required for Task Item 3.1 shall be incidental to this Task Item.

B. Materials

1. Material for repairs shall be as specified in Section 030105 "Concrete Repair Materials."

C. Execution

1. Contractor shall locate and mark all work areas as specified in Section 030101 "Surface Preparation for Patching." Contractor shall identify all critical repair work areas before starting the work.
2. Procedure for delaminated, spalled, and unsound concrete removal shall be as specified in Section 030101 "Surface Preparation for Patching."
3. All steel exposed within cavities shall be cleaned to bare metal by abrasive methods as specified in Section 030101 "Surface Preparation for Patching."
4. Exposed steel shall be epoxy coated with an approved epoxy product as specified in Section 030101 "Surface Preparation for Patching."
5. Contractor shall form concrete with approved materials and prepare cavities for repair placement as specified in Section 030101 "Surface Preparation for Patching."
6. Patch installation procedures shall be in accordance with referenced specifications for selected material.

T.I. 3.5 CONCRETE FLOOR BEAM REPAIR

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, scaffolding, shoring, and incidentals necessary to locate and remove delaminated/spalled concrete, prepare cavities, and install patching materials to restore concrete beams to original condition and appearance. Refer to Detail 2/S3.1. Refer to Plan Sheets for location of work.
2. Refer to Task Item 1.3 for lead abatement requirements. Lead abatement work required for Task Item 3.5 shall be incidental to this Task Item.

B. Materials

1. Material for repairs shall be as specified in Section 030105 "Concrete Repair Materials."

C. Execution

1. Contractor shall locate and mark all work areas as specified in Section 030101 "Surface Preparation for Patching." Contractor shall identify all critical repair work areas before starting the work.
2. Procedure for delaminated, spalled, and unsound concrete removal shall be as specified in Section 030101 "Surface Preparation for Patching."
3. All steel exposed within cavities shall be cleaned to bare metal by abrasive methods as specified in Section 030101 "Surface Preparation for Patching."

4. Exposed steel shall be epoxy coated with an approved epoxy product as specified in Section 030101 "Surface Preparation for Patching."
5. Contractor shall prepare cavities for repair placement as specified in Section 030101 "Surface Preparation for Patching."
6. Patch installation procedures shall be in accordance with referenced specifications for selected material.

T.I. 3.6 EXTERIOR CONCRETE BEAM REPAIR

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, scaffolding, shoring, and incidentals necessary to locate and remove delaminated/spalled concrete, overlay on face of beam, prepare surface, and install patching materials to restore concrete beams to original condition and appearance. Refer to Detail 1/S3.2. Refer to Plan Sheets for location of work.

B. Materials

1. Material for repairs shall be as specified in Section 030101 "Concrete Repair Materials."

C. Execution

1. Contractor shall locate and mark all work areas as specified in Section 030101 "Surface Preparation for Patching." Contractor shall identify all critical repair work areas before starting the work.
2. **Shoring shall be installed to remove loads from beams under repair. Shoring plans shall be prepared by an engineer registered in Florida and submitted for review and approval. Shoring shall be in place prior to any concrete removal.**
3. Existing overlay on face of beam shall be removed in its entirety.
4. Procedure for delaminated, spalled, and unsound concrete removal shall be as specified in Section 030101 "Surface Preparation for Patching."
5. All steel exposed within cavities shall be cleaned to bare metal by abrasive methods as specified in Section 030101 "Surface Preparation for Patching."
6. Exposed steel shall be epoxy coated with an approved epoxy product as specified in Section 030101 "Surface Preparation for Patching."
7. Contractor shall prepare cavities for repair placement as specified in Section 030101 "Surface Preparation for Patching."
8. Install additional reinforcing steel as shown in Detail 1/S3.2.

9. Depth of beam shall be increased by 2 inches as shown in Detail 1/S3.2.
10. Patch installation procedures shall be in accordance with referenced specifications for selected material.
11. For bidding purposes, assume 250 SF of concrete beam repairs.

T.I. 4.1 CONCRETE WALL REPAIR

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, staging, shoring, bracing, and incidentals necessary to locate and remove unsound concrete from walls, prepare cavities, and install patching materials to restore walls to original condition and appearance. Refer to Detail 1/S3.3. Refer to Plan Sheets for location of work.
2. Refer to Task Item 1.3 for lead abatement requirements. Lead abatement work required for Task Item 4.1 shall be incidental to this Task Item.

B. Materials

1. Material for repairs shall be as specified in Section 030105 "Concrete Repair Materials."

C. Execution

1. Contractor shall locate and mark all work areas as specified in Section 030101 "Surface Preparation for Patching." Contractor shall identify all critical repair work areas before starting the work.
2. Procedure for delaminated, spalled, and unsound concrete removal shall be as specified in Section 030101 "Surface Preparation for Patching."
3. All steel exposed within cavities shall be cleaned to bare metal by abrasive methods as specified in Section 030101 "Surface Preparation for Patching."
4. Exposed steel shall be epoxy coated with an approved epoxy product as specified in Section 030101 "Surface Preparation for Patching."
5. Contractor shall prepare cavities for repair placement as specified in Section 030101 "Surface Preparation for Patching."
6. Patch installation procedures shall be in accordance with referenced specifications for selected material.

T.I. 7.5 COVE SEALANT INSTALLATION

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, and incidentals necessary to prepare surfaces and install cove sealant between floor and vertical surfaces as shown on Drawings. Refer to Detail 2/S3.3 for specific requirements. Refer to Plan Sheets for location of work.

B. Materials

1. Approved materials to be used in this Work are specified in Section 079200 "Joint Sealants."
2. Joint sealant material shall be compatible with coating materials specified in Task Item 7.8.

C. Execution

1. Wall-floor intersection to be sealed shall be thoroughly cleaned by abrasive blasting to remove all contaminants, existing sealant, and foreign material.
2. Entire work area shall then be cleaned with compressed air to assure that all loose particles have been removed and that intersection is dry.
3. Properly prepared intersection shall be coated evenly and completely with joint primer material on each of intersecting faces in accordance with sealant manufacturer's recommendations.
4. After primer has cured, apply cove sealant to intersection such that sealant extends $\frac{3}{4}$ " onto each of intersecting faces.
5. Work cove sealant into joint so that all air is removed and tool to concave shape such that minimum throat dimension of no less than $\frac{1}{2}$ " is maintained.
6. Remove excess sealant and allow to cure.
7. Apply coating on horizontal and vertical surfaces where shown on drawings in even layers in strict accordance with manufacturer's recommendations.

T.I. 7.6 EPOXY INJECTION

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, staging, supervision, and incidentals necessary to locate cracks, prepare and inject approved cracks with epoxy resin.

B. Materials

1. Material for crack repairs shall be as specified in Section 036500 "Epoxy Related Work."

C. Execution

1. Contractor shall locate all cracks to receive injection and report them to Engineer for verification.
2. Install repair materials in strict accordance with manufacturer's recommendations and referenced specifications for selected material.
3. At completion of the injection work, contractor shall remove injection ports, and repair the concrete profile to match existing conditions.

T.I. 7.8 EXTERIOR BEAM COATING

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, staging, scaffolding, and incidentals necessary apply coating to exterior concrete beam. Refer to Plan Sheets for location of work. Refer to Detail 1/S3.2 for coating extents.
2. Refer to Task Item 1.3 for lead abatement requirements. Lead abatement work required for Task Item 7.9 shall be incidental to this Task Item.

B. Materials

1. Approved materials to be used in this Work are specified in Section 099653 "Coatings."

C. Execution

1. In areas where no concrete repairs are performed, existing coating shall be removed in its entirety.
2. Surface preparation shall be performed by coating system applicator or under its direct supervision.
3. Install crack fillers and primer according to manufacturer's instructions.
4. Surface to receive coating shall be prepared to a surface profile of CSP-3.
5. Coating shall be installed by licensed applicators in strict accordance with manufacturer's recommendations.
6. Coating systems shall be thoroughly cured prior to work areas being returned to service.

T.I. 7.9 WALL COATING REPLACEMENT

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, supervision, staging, scaffolding, and incidentals necessary to

remove existing coating on walls and ceiling and install new coating. Refer to Plan Sheets for location of work.

2. Refer to Task Item 1.3 for lead abatement requirements. Lead abatement work required for Task Item 7.9 shall be incidental to this Task Item.

B. Materials

1. Approved materials to be used in this Work are specified in Section 099653 "Coatings."

C. Execution

1. Remove existing coating on interior surface of walls and ceiling in area delineated on plans. Follow lead abatement requirements per Task Item 1.3.
2. Surface preparation shall be performed by coating system applicator or under its direct supervision.
3. Perform plaster repairs per Task Item 8.6. Where plaster is replaced, new plaster shall be properly cured before installation of new coating.
4. Install crack fillers and primer according to manufacturer's instructions.
5. Surface to receive coating shall be prepared to a surface profile of CSP-3.
6. Coating shall be installed by licensed applicators in strict accordance with manufacturer's recommendations.
7. Coating systems shall be thoroughly cured prior to work areas being returned to service.

T.I. 8.6 PLASTER REPAIR

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, staging, formwork, supervision, and incidentals necessary to locate and remove damaged and unsound plaster from wall surface, prepare cavities and install repair materials to restore plaster finish surface to original condition and appearance.

B. Materials

1. Material for repair areas shall be as specified in Section 092200 "Portland Cement Plaster."

C. Execution

1. Contractor shall locate and mark all work areas. Marking will be done with methods approved by Engineer and Client. Contractor shall identify all critical repair work areas before starting the work.
2. Remove existing plaster with an appropriate tool. Removal of sound but delaminated plaster may require cutting with a saw or diamond grinder.
3. Cut each overlay layer back further than the preceding one to allow patching in layers. The base coat will be the smallest area and the finish coat will be the largest area to be patched.
4. Refer to Section 092200 "Portland Cement Plaster" for additional requirements including curing and protection.

T.I. 10.1 CAST STONE RESTORATION

A. Scope of Work

1. Work consists of furnishing all labor, materials, equipment, staging, supervision, and incidentals necessary for restoration and repairs specified for the decorative cast stone entryway.

B. Materials

1. Materials as specified in Section 047210 "Cast Stone Restoration and Cleaning" and Section 047200 "Architectural Cast Stone".

C. Execution

1. Contractor shall field verify all dimensions and conditions prior to starting cast stone restoration work.
2. Cast stone units appear to be bearing masonry. Shore all cast stone prior to removing jamb units for replacement.
3. Pin cast stone units in place as directed by project drawings.
4. Patch spalls and surface losses.
5. Remove damaged cast stone jamb units and prepare backup masonry to receive new units.
6. Install new cast stone units as directed.
7. Repoint all joints between cast stone units. Where sealant exists, remove and replace sealant joints.
8. Allow patching compounds, mortar, and grout to cure.
9. Apply coating to new cast stone units and repairs.

END OF SECTION 011000

16-C-32 DLT WTF FILTER BLDG STRUCTURAL REPAIR.

PRE-BID CONF. 7pm 11-22-16

Sign-In Sheet ▶▶▶ Please Print Clearly

City of Tampa, Contract Administration Department

	Name	Organization	E-Mail OR Phone
1	Jim Greiner, PE	Tampa Contract Administration Dept.	Jim.Greiner@tampagov.net
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3	Bob Rutland	Structural	brutland@structural.net
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5	Jonathan Croft	RestoCon	jcroft@restocon.com
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