



## ADDENDUM TO THE CONTRACT

for the

### Retaining Wall Cleaning and Sealing 2017 Contract No. BE17-254

**ADDENDUM NO.:** THREE

**CURRENT DEADLINE FOR BIDS:**  
October 6, 2017

**PREVIOUS ADDENDA:** TWO

**ISSUED BY:** City and Borough of Juneau  
ENGINEERING DEPARTMENT  
155 South Seward Street  
Juneau, Alaska 99801

**PREVIOUS DEADLINE FOR BIDS:**  
October 3, 2017

**DATE ADDENDUM ISSUED:** **September 28, 2017**

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at: <http://www.juneau.org/engineering ftp/contracts/Contracts.php>

#### **PROJECT MANUAL:**

Item No. 1 SECTION 00030 - NOTICE INVITING BIDS. DEADLINE FOR BIDS.

**Change** the date of the Deadline for Bids **from** October 3, 2017 **to** October 6, 2017. The time and location remains the same.

#### **SPECIAL PROVISIONS:**

Item No. 1 SPECIAL PROVISIONS, **Delete** and **replace** in its entirety (15 pages), with the attached SPECIAL PROVISIONS, labeled Addendum No. 3, dated September 28, 2017.

By:   
Greg Smith,  
Contract Administrator

Total number of pages contained within this Addendum: 15

## SPECIAL PROVISIONS

The Standard Specifications for Civil Engineering Projects and Subdivision Improvements December 2003 Edition, with Current Errata Sheets, as published by the City and Borough of Juneau, is part of these Contract Documents and shall pertain to all phases of the contract. The Standard Specifications for Civil Engineering Projects and Subdivision Improvements December 2003 Edition is available for a fee from the City and Borough of Juneau Engineering Contracts Office, (907) 586-0873, or you may view them online at: [www.juneau.org/engineering](http://www.juneau.org/engineering).

### Special Provisions - Table of Contents

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01010	Summary of Work
01025	Measurement and Payment
01570	Erosion Control
01700	Project Close Out
01704	Final Clean-Up and Site Restoration
07190	Water Repellents
07191	Graffiti Removal

*Add the following Section:*

### SECTION 01010 - SUMMARY OF WORK

#### 1. PART 1 - GENERAL

##### 1.1 GENERAL

- A. The WORK to be performed under this contract shall consist of furnishing all plant, tools, equipment, materials, supplies, manufactured articles and furnishing all labor, transportation and services, including all fuel, power, water and essential communications and performing all WORK, or other operations required for the fulfillment of the contract in strict accordance with the Contract Documents. The WORK shall be complete, and all WORK, materials, and services, not expressly indicated or called for in the Contract Documents which may be necessary for the complete and proper construction of the WORK in good faith shall be provided by the CONTRACTOR as though originally so indicated, at no increase in cost to the OWNER.

##### 1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. The CONTRACTOR shall clean and apply a water repellent penetrating chemical treatment to all exterior exposed surfaces of the concrete block retaining walls at the following locations:

Juneau:

- Alder Avenue
- Behrends Avenue
- East Street
- Evergreen Avenue
- Gastineau Avenue
- Hemlock Street
- Highland Drive
- Judy Lane

## SPECIAL PROVISIONS

- Parks Street
- B. SITE OF WORK. The site of the WORK is located in Juneau Alaska.

### 1.3 WORK BY OTHERS

- A. The CONTRACTOR's attention is directed to the fact that WORK may be conducted at the site by other contractors during the performance of the WORK under this contract. The CONTRACTOR shall conduct its operations so as to cause a minimum of interference with the WORK of such other contractors, and shall cooperate fully with such contractors to provide continued safe access to their respective portions of the site, as required to perform WORK under their respective contracts.
- C. Interference with Work On Utilities. The CONTRACTOR shall cooperate fully with all utility forces of the OWNER or private agencies engaged in the relocation, altering, or otherwise rearranging of any facilities which interfere with the progress of the WORK, and shall schedule the WORK so as to minimize interference with said relocation, altering, or other rearranging of facilities.

### 1.4 CONTRACTOR USE OF PROJECT SITE

- A. The CONTRACTOR's use of the Project site shall include construction operations and storage of materials, fabrication facilities, and field offices only in those areas identified on the Drawings.

### 1.5 OWNER USE OF THE PROJECT SITE

- A. The OWNER may utilize all or part of the existing site during the entire period of construction for the conduct of the OWNER's normal operations. The CONTRACTOR shall cooperate and coordinate with the ENGINEER to facilitate the OWNER's operations and to minimize interference with the CONTRACTOR's operation at the same time. In any event, the OWNER shall be allowed access to the Project site during the period of construction.

### 1.6 PROJECT MEETINGS

- A. Pre-Construction Conference
1. Prior to the commencement of WORK at the site, a Pre-Construction Conference will be held at a mutually agreed time and place which shall be attended by the CONTRACTOR's Project Manager, its superintendent, and its Subcontractors as the CONTRACTOR deems appropriate. Other attendants will be:
    - a. ENGINEER and Inspector.
    - b. Representatives of OWNER.
    - c. Governmental representatives as appropriate.
    - d. Others as requested by CONTRACTOR, OWNER, or ENGINEER.
  2. Unless previously submitted to the ENGINEER, the CONTRACTOR shall bring to the Pre-Construction Conference one copy each of the following:
    - a. Plan of Operation.

## **SPECIAL PROVISIONS**

- b. Schedule of major equipment and materials and items requiring long lead time.
  - d. Shop Drawing/Sample/Substitute or “Or Equal” submittal schedule.
  - e. Name and telephone number of CONTRACTOR’s Project Supervisor.
  - f. Erosion Control Plan.
3. The purpose of the Pre-Construction Conference is to designate responsible personnel and establish a working relationship. Matters requiring coordination will be discussed and procedure for handling such matters established. The complete agenda will be furnished to the CONTRACTOR prior to the meeting date. The CONTRACTOR should be prepared to discuss all of the items listed below:
- a. Status of CONTRACTOR’s insurance and bonds.
  - b. CONTRACTOR’s tentative schedules.
  - c. Transmittal, review, and distribution of CONTRACTOR’s submittals.
  - d. Processing applications for payment.
  - e. Maintaining record documents.
  - f. Critical WORK sequencing.
  - g. Field decisions and Change Orders.
  - h. Use of Project site, office and storage areas, security, housekeeping, and OWNER’s needs.
  - i. Major equipment deliveries and priorities.
  - j. CONTRACTOR’s assignments for safety and first aid.
4. The OWNER will preside at the Pre-Construction Conference and will arrange for keeping and distributing the minutes to all persons in attendance.
5. The CONTRACTOR and its Subcontractors should plan on the conference taking no longer than three hours. Items listed in paragraph 3 will be covered as well as a review of the Drawings and Specifications with the ENGINEER and OWNER.

### **B. Progress Meetings**

1. The CONTRACTOR shall schedule and hold regular on-site progress meetings at least weekly and at other times as requested by the ENGINEER, or as required by the progress of the WORK. The CONTRACTOR, ENGINEER, and all Subcontractors active on the site must attend each meeting. CONTRACTOR may at its discretion request attendance by representatives of its Suppliers, manufacturers, and other Subcontractors.
2. The ENGINEER shall conduct the meeting and will arrange for recording and distributing the minutes. The purpose of the meetings will be to review the progress of the WORK, maintain coordination of efforts, discuss changes in scheduling, and resolve other problems that may develop. During each meeting, the CONTRACTOR is required to present any issues that may impact the WORK, with a view toward resolving these issues expeditiously.

## **1.7 DEFINITIONS APPLICABLE TO TECHNICAL SPECIFICATIONS**

- A. The following words have the meaning defined in the Technical Portions of the WORK:

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1. Furnish - means to supply and deliver to the site, to unload and unpack ready for assembly, installation, testing, and start-up.
2. Indicated - is a word used to direct the CONTRACTOR to information contained on the Drawings or in the Specifications. Terms such as “shown”, “noted”, “scheduled”, and “specified” also may be used to assist in locating information but no limitation of location is implied or intended.
3. Install - defines operations at the site including assembly, erection, placing, anchoring, applying, shaping to dimension, finishing, curing, protecting, and cleaning, ready for the OWNER’s use.
4. Installer - a person or firm engaged by the CONTRACTOR or its subcontract, or any Subcontractor, for the performance of installation, erection, or application WORK at the site. Installers must be expert in the operations they are engaged to perform.
5. Provide- is defined as furnish and install, ready for the intended use.

**PART 2 - PRODUCTS** (Not Used)

**PART 3 - EXECUTION** (Not Used)

### **END OF SECTION**

*Add the following Section:*

## **SECTION 01025 – MEASUREMENT AND PAYMENT**

### **II. PART 1 - GENERAL**

#### **1.1 SCOPE**

- A. Payment for the various items of the Bid Schedule, as further specified herein, shall include all compensation to be received by the CONTRACTOR for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items for WORK being described, as necessary to complete the various items of the WORK all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA) and Occupational Safety and Health Standards of the Alaska Department of Labor, Division of Labor Standards and Safety.
- B. No separate payment will be made for any Pay Item that is not specifically set forth in the Bid Schedule, and all costs therefore shall be included in the prices named in the Bid Schedule for the various appurtenant items of WORK.
- C. In addition to the other incidental items of WORK listed elsewhere in the contract, the following items shall also be considered as incidental to other items of WORK under this contract:
  1. Maintenance of all services through the Project area including power, water, storm and sanitary sewers, garbage pickup, bus service and emergency vehicles.

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2. Traffic control, including flaggers, and installation and maintenance of traffic control devices in accordance with the Manual of Uniform Traffic Control Devices – Millenium Edition (MUTCD) and the current AKDOT&PF supplements.
3. Repair or replacement of existing adjacent facilities including piping, landscaping, steel, timber, concrete and asphalt items.
4. Final clean-up and site restoration.
5. All WORK necessary for coordination of work to be accomplished by the private utility companies and property owners within the Project limits.
6. All erosion and pollution control WORK required.
7. The CONTRACTOR shall protect all structures adjacent to the WORK. The CONTRACTOR shall be responsible for all damage to adjacent property, including structures and appurtenances. Repairs to structures damaged by the CONTRACTOR, including providing suitable temporary access, will be completed by the CONTRACTOR, at no cost to the OWNER, and as directed by the ENGINEER.

### 1.2 PRICE BASED ON LUMP SUM UNIT

- A. Measurement for payment for the Lump Sum Pay Unit will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- B. Payment will be made at the amount shown on the Bid Schedule, which payment will constitute full compensation for all WORK.

### GRAFFITI REMOVAL - PRICE BASED ON LUMP SUM

- A. Measurement for payment for Graffiti Removal will be based upon the completion of the entire WORK as a Lump Sum Pay Unit, complete, all in accordance with the requirements of the Contract Documents.
- B. This Pay Item will include all WORK, including site preparation, pretreatment with a suitable product, and equipment used for removal.
- C. Payment will be made at the amount shown on the Bid Schedule, which payment will constitute full compensation for all WORK.

**PART 2 - PRODUCTS** (Not Used)

**PART 3 - EXECUTION** (Not Used)

**END OF SECTION**

## **SPECIAL PROVISIONS**

*Add the following Section:*

### **SECTION 01570 – EROSION CONTROL**

#### **PART 1 - GENERAL**

##### **1.1 THE REQUIREMENT**

- A. The CONTRACTOR shall provide for erosion control during construction. All sedimentation from on-site drainage shall be caught on-site.
- B. The WORK under this Section includes providing all labor, materials, tools and equipment necessary to construct and maintain temporary erosion control works; including but not limited to, silt fences, settling ponds, hay or straw bale, check dams, ditches, etc.

#### **PART 2 - PRODUCTS**

##### **2.1 MATERIALS**

- A. Materials shall be suitable for the intended use and perform effectively to control silt and surface erosion. All materials shall remain the property of the CONTRACTOR.

#### **PART 3 - EXECUTION**

##### **3.1 GENERAL**

- A. The CONTRACTOR shall install temporary erosion control structures as necessary and/or as directed by the ENGINEER. They shall be maintained in effective operating condition at all times. Settling ponds and silt fences shall be cleaned whenever they have become half-filled with silt or debris, and other items shall be cleaned, repaired, or replaced as necessary.
- B. Temporary erosion control structures shall remain in place until replaced by permanent erosion control WORK, or until the ENGINEER approves their removal.
- C. All temporary erosion control WORK shall be incidental to the other items in the contract. The CONTRACTOR shall be responsible for meeting the requirements of all permits (including permits naming the OWNER, or other parties) required near streams and water bodies and, therefore, shall be responsible for the quality of the run-off water from the Project site and for any fine and penalties resulting from the construction operation
- D. The CONTRACTOR shall submit a temporary erosion control plan to the ENGINEER, prior to beginning any WORK at the Project site. WORK at the Project site will not be permitted until approval of this plan has been obtained from the governing agency or agencies.

**END OF SECTION**

## **SPECIAL PROVISIONS**

**SECTION 01700** – PROJECT CLOSE-OUT, PART 1 - GENERAL, Article 1.3, FINAL SUBMITTALS, Paragraph A. *Delete* Items 6, 7 and 8 and *replace with the following sub-paragraph*:

6. Compliance Certificate and Release, signed by the CONTRACTOR, shall be submitted to the Engineering Contract Administrator.

**SECTION 01700** – PROJECT CLOSE-OUT, PART 1 – GENERAL, Article 1.3, FINAL SUBMITTALS. *Add the following paragraph*:

- C. Before final payment, the CONTRACTOR shall provide the OWNER with clearance from the Alaska Department of Labor and Workforce Development for the CONTRACTOR and all Subcontractors that have worked on the Project. This clearance shall indicate that all Employment Security Taxes have been paid. A sample form for this purpose is at the end of Section 00800 – Supplementary General Conditions.

**SECTION 01700** – PROJECT CLOSE-OUT, PART 1 – GENERAL. *Replace the COMPLIANCE CERTIFICATE AND RELEASE FORM with the following form*:

**SPECIAL PROVISIONS**

**COMPLIANCE CERTIFICATE AND RELEASE FORM**

**PROJECT: Retaining Wall Cleaning and Sealing 2017**  
**CONTRACT NO: E17-254**

The CONTRACTOR must complete and submit this to the Engineering Contract Administrator, Greg Smith with respect to the entire contract.

Completed forms may be submitted upon completion of the Project. All requirements and submittals must be met before final payment will be made to the CONTRACTOR.

*I certify that the following and any referenced attachments are true:*

- All WORK has been performed, materials supplied, and requirements met in accordance with the applicable Drawings, Specifications, and Contract Documents.
- All Suppliers and Subcontractors have been paid in full with no claims for labor, materials or other services outstanding. If all Subcontractors and suppliers are not paid in full, please explain on a separate sheet.
- All employees have been paid not less than the current prevailing wage rates set by the State of Alaska (or U.S. Department of Labor, as applicable).
- All equal employment opportunity, certified payroll and other reports have been filed in accordance with the prime contract.
- The attached list of Subcontractors is complete (required from CONTRACTOR). The Contract Administrator was advised and approved of all Subcontractors before WORK was performed and has approved any substitutions of Subcontractors.
- All DBE firms listed as a precondition of the prime contract award must have performed a commercially useful function in order for the WORK to count to a DBE goal. All DBE firms performed the WORK stated and have received at least the amount claimed for credit in the Contract Documents.
- All DBE Subcontractors must attach a signed statement of the payment amount received, the nature of WORK performed, whether any balance is outstanding, and indicate that no rebates are involved.
- If the amount paid is less than the amount originally claimed for DBE credit, the CONTRACTOR has attached approval from the Contracts Administrator for underutilization.

*I understand it is unlawful to misrepresent information in order to receive a payment which would otherwise be withheld if these conditions were not met. I am an authorized agent of this firm and sign this freely and voluntarily. The foregoing statements are true and apply to the following project contractor.*

\_\_\_\_\_ Capacity: CONTRACTOR  
 Firm Name

\_\_\_\_\_  
 Signed

\_\_\_\_\_  
 Printed Name and Title

\_\_\_\_\_  
 Date

Return completed form to: Engineering Contract Administrator, Greg Smith, City and Borough of Juneau, 155 South Seward Street, Juneau, AK 99801, Email: [Greg.Smith@juneau.org](mailto:Greg.Smith@juneau.org). Call (907) 586-0873 if we can be of further assistance or if you have any questions.

**END OF SECTION**

## SPECIAL PROVISIONS

*Add the following Section:*

### SECTION 01704 – FINAL CLEAN-UP AND SITE RESTORATION

#### PART 1 - GENERAL

##### 1.1 DESCRIPTION

- A. The WORK under this Section includes providing all supervision, labor, materials, tools and equipment necessary for final clean-up and restoration of all areas disturbed by construction activities, to a condition equal to, or better than, before construction started. This does not include clean-up or restoration incidental to, or directly provided for by, other construction items.

#### PART 2 - PRODUCTS

##### 2.1 MATERIALS

- A. Any materials required shall conform to the appropriate Section of these Specifications.

#### PART 3 - EXECUTION

##### 3.1 CONSTRUCTION

- A. The CONTRACTOR shall clean up all sites disturbed during construction of the Project. This includes removal of all construction equipment, disposal of all excess materials, disposal of all rubbish and debris, removal of all temporary structures, and grading of the sites so that no standing water is evident.
- B. If the CONTRACTOR has obtained material from the CBJ/State pit, the excavated area shall be cleaned up and any stipulations required by the Individual Mining Plan shall be completed. The gravel pit overhead charge shall be paid to the OWNER within 60 days after removal of material from the pit.

### END OF SECTION

*Add the following Section:*

### SECTION 07190 WATER REPELLENTS

#### PART 1 - GENERAL

##### 1.1 THE REQUIREMENT

- A. The CONTRACTOR shall clean, and apply a water repellent penetrating chemical treatment to all exterior exposed surfaces of the concrete and CMU block retaining walls at the following locations:

Juneau:

- Alder Avenue 1260.0 ±SF
- Behrends Avenue 1135.0 ±SF

## SPECIAL PROVISIONS

• East Street	250.0 ±SF
• Evergreen Avenue	503.0 ±SF
• Gastineau Avenue	5200.0 ±SF
• Hemlock Street	814.0 ±SF
• Highland Drive	833.0 ±SF
• Judy Lane	335.0 ±SF
• Parks Street	690.0 ±SF
TOTAL	11020.0 ±SF

- B. The CONTRACTOR shall assume full responsibility for protecting adjacent structures, landscaping and any other items that could be inadvertently contacted by cleaning spray and the chemical spray.
  
- C. The CONTRACTOR shall follow all Federal, State, Local and OSHA regulations for application of the penetrating chemical treatment.

### 1.2 CONTRACTOR SUBMITTALS

- A. The CONTRACTOR shall provide submittals as required in Section 01300 - CONTRACTOR Submittals of the current edition of the CBJ Standard Specifications

### 1.3 QUALITY ASSURANCE

- A. Certification that the CONTRACTOR has experience in application of the product and operates and maintains the proper equipment in accordance with the water repellent manufacturers recommendations; include a list of similar projects, locations and names of clients and method of applications.
  
- B. Mock-up: Apply specified products to the wall on Parks Street following the manufacturers specifications to determine the acceptability of appearance and optimum coverage rate required for application.
  - 1. Install in accordance with manufacturer's instructions.
  - 2. After materials have cured in accordance with manufacturer's recommendations, water test surface to determine that sufficient water repellent has been applied to repel water.
  - 3. Do not begin application of water repellents to the WORK until the mock-up has been approved by the ENGINEER.

## SPECIAL PROVISIONS

### PART 2 - PRODUCTS

#### 2.1 WATER REPELLANT PENETRATING CHEMICAL TREATMENT

Water Repellents - General: Siloxane- or silane- or siloxane-silane blend, without fillers, sterates, or paraffins.

1. Products Containing Only Siloxane or Modified Siloxane: From 5 to 7 percent solids.
2. Products Containing Silane: Minimum 40 percent solids.
3. Silane-Siloxane Blend Products: Minimum 10 percent solids.
4. Provide products that comply with federal, state, and local volatile organic compounds (VOC) regulations.
5. Provide water repellents with the following properties based on testing manufacturer's standard products, according to test methods indicated, applied to substrates simulating Project conditions using same materials and application methods to be used for Project.
6. Properties of Water Repellent for Vertical Surfaces:
  - a. Water-Vapor Transmission: At least 8 percent reduction in rate of vapor transmission by comparison of treated and untreated specimens, when tested in accordance with ASTM E 96.
  - b. Water Penetration and Leakage Through Masonry: At least 90 percent reduction in leakage rate by comparison of treated and untreated specimens, when tested in accordance with ASTM E 514.
  - c. Durability: Maximum 5 percent loss of water repellency after 2500 hours of weathering by comparison to specimens before weathering, when tested in accordance with ASTM G 53.

Two weeks prior to application, the CONTRACTOR shall supply the ENGINEER with certified test reports showing that each batch of material to be used conforms to the above tests and material requirements. The CONTRACTOR shall also supply the ENGINEER with the manufacturers recommended wall preparation, installation and cleanup procedures that will be used on this Project.

The CONTRACTOR is advised that there are commercial sources and manufacturers of Siloxane- or silane- or siloxane-silane blend water repellants similar to those required in the specifications. The following manufacturers are listed as an aid to the CONTRACTOR. There may be additional products available that satisfy the requirements stated in the contract documents. It shall be the responsibility of the CONTRACTOR to conform to the specifications of the contract documents.

7. PROSOCO Inc. 3741 Greenway Circle Lawrence, KS 66046; (800) 255-4255; [www.prosoco.com](http://www.prosoco.com)
8. FABRIKEM Manufacturing LTD. 20361 Duncan Way, Langley, B.C. V3A 7N3; (800) 441-7456; [www.fabrikem.com](http://www.fabrikem.com)
9. Chemprobe Coating Systems, LP; 2805 Industrial Lane, Garland, TX 75041; Tel: (800) 760-6776; [www.chemprobe.com](http://www.chemprobe.com).

## **SPECIAL PROVISIONS**

### **PART 3 - EXECUTION**

#### **1.2 PREPARATION**

Protection:

1. Protect shrubs, metal, wood trim, glass, asphalt, and hardware during application of water repellents.
2. Do not permit spray mist or liquid to drift onto adjacent properties.

Surface Preparation: Prepare surface according to manufacturer's recommendations.

Graffiti shall be removed in such a way so as not to damage any of the existing surface.

#### **1.3 APPLICATION**

Apply water repellents in accordance with manufacturer's printed instructions.

1. Do not apply water repellents to surfaces below 40 degrees F or above 95 degrees F unless recommended by the manufacturer.
2. Do not apply to wet substrate or substrate containing frozen water.
3. Do not apply water repellents when rain is predicted within 48 hours or less than 5 days after surface has been wet.
4. Do not apply water repellents in high or gusty winds.

Apply water repellents using low pressure spray equipment designed for water repellent application.

Apply water repellents at coverage rate and number of coats as directed by manufacturer.

#### **1.4 FIELD QUALITY CONTROL**

After water repellent has dried as required by manufacturer, test all surfaces with a water spray. Recoat areas that indicate water absorption.

#### **1.5 CLEANING**

Remove excess material and waste resulting from the WORK from the Project site.

Dispose of water repellent containers in accordance with state and local regulations.

**END OF SECTION**

## SPECIAL PROVISIONS

### SECTION 07191 GRAFFITI REMOVAL

#### PART 1 - GENERAL

##### 1.1 THE REQUIREMENT

- A. The CONTRACTOR shall clean all graffiti from all exterior exposed surfaces of the concrete retaining walls at the following locations:

Juneau:

- Located at 192 Gastineau Avenue                      290.0 ±SF  
Behind the Senate Building located  
at 175 s Franklin Street

TOTAL    290.0 ±SF

- B. The CONTRACTOR shall assume full responsibility for protecting adjacent structures, landscaping and any other items that could be inadvertently contacted by graffiti removal method.
- C. The CONTRACTOR shall follow all Federal, State, Local and OSHA regulations for graffiti removal method.

##### 1.2 CONTRACTOR SUBMITTALS

- B. The CONTRACTOR shall provide submittals as required in Section 01300 - CONTRACTOR Submittals of the current edition of the CBJ Standard Specifications

##### 1.2 QUALITY ASSURANCE

- A. Mock-up: Apply products to a discreet small area of the wall on Gastineau Avenue following the manufacturer's specifications to determine the time frame for removal required for application, and to ensure product will not damage the wall.
1. Install in accordance with manufacturer's instructions.
  2. After materials have applied in accordance with manufacturer's recommendations, use a pressure washer or scrub brush to determine that product has applied well enough to remove all graffiti.
  3. Do not begin application of graffiti remover product to the WORK until the mock-up has been approved by the ENGINEER.

#### PART 2 - PRODUCTS

##### 2.1 GRAFFITI REMOVER TREATMENT

Two weeks prior to application, the CONTRACTOR shall supply the ENGINEER with certified test reports showing that each batch of material to be used conforms to the above tests and material requirements. The CONTRACTOR shall also supply the ENGINEER with the manufacturers recommended wall preparation, application and cleanup procedures that will be used on this Project.

## **SPECIAL PROVISIONS**

### **PART 3 - EXECUTION**

#### **1.6 PREPARATION**

Protection:

1. Protect shrubs, metal, wood trim, glass, asphalt, and hardware during application of the product.
2. Do not permit spray or broadcast of product to drift onto adjacent properties.

Surface Preparation: Prepare surface according to manufacturer's recommendations.

Graffiti shall be removed in such a way so as not to damage any of the existing surfaces.

#### **1.7 APPLICATION**

Apply product in accordance with manufacturer's printed instructions.

1. Do not apply graffiti remover to surfaces below 40 degrees F or above 95 degrees F unless recommended by the manufacturer.

Apply graffiti remover using manufacturer's equipment specified for graffiti remover application.

Apply graffiti remover at coverage rate as directed by manufacturer.

#### **1.8 FIELD QUALITY CONTROL**

After graffiti remover has been applied as required by manufacturer, test all surfaces with a water spray. Reapply to areas where graffiti remains on the surface.

#### **1.9 CLEANING**

Remove excess material and waste resulting from the WORK from the Project site.

Dispose of graffiti removal product containers in accordance with state and local regulations.

**END OF SECTION**