



ADDENDUM TO THE CONTRACT

for the

DZANTIK'I HEENI MIDDLE SCHOOL ROOF REPAIR Contract No. BE17-082

ADDENDUM NO.: THREE

CURRENT DEADLINE FOR BIDS:
November 17, 2016

PREVIOUS ADDENDA: TWO

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

DATE ADDENDUM ISSUED: October 28, 2016

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: **Add** the attached SECTION 072270 – FALL PROTECTION DEVICES, labeled Addendum No. 3.

DRAWINGS:

Item No. 2: SHEET A001 – COVER PAGE, SHEET INDEX, VICINITY MAP, ABBREVIATIONS AND SYMBOLS. **Delete** and **replace** with the attached SHEET A001 – COVER PAGE AND SHEET INDEX, labeled Addendum No. 3.

Item No. 3: **Add** SHEET A201A – FALL PROTECTION ANCHOR ROOF PLAN, labeled Addendum No. 3.

Item No. 4: **Add** SHEET A801 – EXTERIOR DETAILS, labeled Addendum No. 3.

By: 

Greg Smith,
Contract Administrator

SECTION 07227 - FALL PROTECTION DEVICES

PART 1 – GENERAL

1.1 SUMMARY

- A. Section Includes: Roof tie-down system of fall restraint and fall arrest for worker safety.
- B. Related Sections:
 - 1. Section 073110 –Shingles

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM)
- B. American National Standard Institute (ANSI)
 - 1. ANSI Z359.1-2007 – Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components
 - 2. ANSI Z359.6-2009 – Specifications and Design Requirements for Active Fall Protection Systems
- C. Occupational Health And Safety Administration (OSHA)
 - 1. OSHA 1926.502 – Fall Prevention Systems Criteria and Practices

1.3 SYSTEM DESCRIPTION

- A. General: Provide structural fall restraint and fall arrest system capable of withstanding loads and stresses within limits and under conditions specified in OSHA and other applicable safety codes. Provide fall protection anchors permanently attached to roof structure.
- B. Design Requirements: Anchors and accessories comprising system of following types:
 - 1. Guardian HitchClip Anchors, spaced as indicated by manufacturer, for safety snap connection by individual workers capable of withstanding a 5,000 pound load or safety factor of 2 meeting the requirements of OSHA 1926.502(d)(8).
- C. Performance Requirements: System and components tested for the resistance of the following loads:
 - 1. Fall Restraint: 1 User
 - 2. Fall Arrest: 1 User
 - 3. Design fall protection anchors to resist a 5,000 pound load applied in any direction at maximum anchor height or provide engineered system designed meeting the requirements of OSHA 1926.502(d)(8).

1.4 SUBMITTALS

- A. Product Data: For each type of device specified, including manufacturer's standard fabrication details and installation instructions.

- B. Shop Drawings: Show layout, profiles, and anchorage details.
- C. Maintenance Data: Written instructions for maintenance of fall prevention safety devices to be included in the operation and maintenance manual.
- D. In-house Test Reports: Indicate anchor fabrication compliance with performance requirements.
- E. Signage: Provide laminated sign showing system layout and usage notes, to be installed at roof access locations.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm having at least 10 years continuous experience in manufacturing fall safety equipment similar to systems specified and exhibiting records of successful in-service acceptability and performance. Firm must employ personnel dedicated to provide regularly scheduled Authorized and Competent Person Training courses as mandated by OSHA 1926 and 1910 for owner's authorized safety personnel.
- B. OSHA Standards: Comply with Occupational Safety and Health Administration Standards for the Construction Industry 29 CFR § 1926.500 Subpart M (Fall Protection), and with applicable State Administrative Code safety standards for Fall Restraint and Fall Arrest.
- C. Source Limitations: Obtain all roof anchors through one source from a single manufacturer.

1.6 COORDINATION

- A. Contractor to coordinate installation of structural deck reinforcements and anchorages to receive fall protection anchors.
- B. Contractor to coordinate placement of roofing system, insulation and flashing to ensure water-tight integrity to roof.

1.7 WARRANTY

- A. Provide manufacturer's standard warranty to guarantee products will be free from defects for a period of 12 months. Warranty period shall become effective on date of substantial completion.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Provide fall protection system manufactured by Guardian Fall Protection Inc., 6305 South 231st Street Kent, WA, phone 800-466-6385, fax 800-670-7892, or equal.

2.2 MATERIALS

- A. HitchClip Anchors: 6061-T6 Extruded Aluminum.
- B. Ridge-It Anchor (single D-Ring 9 3/4")

2.3 FABRICATION

- A. Powder Coating HitchClip: Brown.
- B. Ridge-It Anchor: Standard finish.
- C. Fabricate work true to dimension, square, plumb, level, and free from distortions or defects detrimental to appearance and performance.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine framing and substrate and verify conditions comply with structural requirements for proper system performance.
- B. Proceed with installation of roof anchors only after verifying conditions are satisfactory.

3.2 INSTALLATION

- A. General: Installation of anchors to be performed by contractor according to manufacturer's instructions and recommendations.

3.3 ADJUSTMENT AND INSPECTION

- A. Ensure all manufactured anchors have been installed in accordance with fall protection manufacturer's documentation and specifications.
- B. Provide plan drawings with any deviations in anchor locations as installed.

END OF SECTION