



AMENDMENT #5

REQUEST FOR QUOTATIONS

Effective: September 8, 2016

Project: Rabbitt Road Culvert Repairs

Issued By: Becky Uebele, Civil Engineer
800 Rabbitt Road
Gaithersburg, Maryland 20878

Please be advised that the following in the Solicitation – Exhibit A – General Requirements, References and Specifications (page 69 of 75) has been revised to reflect the correct grout product. The revised page 69 of 75 has been included with this Amendment. Offerors are to use this document in lieu of the original document.

All other dates, times, locations, provisions, and terms and conditions of the Solicitation remain unchanged and in effect.

CATEGORY 1300 – REPAIRS AND MAINTENANCE (NON MSHA-BASED)

GENERAL NOTE: The specification sections in this Category are not based on the MSHA.

SECTION 1304– REPAIR OF EXISTING CONCRETE STRUCTURES

Line Item 1304-01: Epoxy Injection of Cracks (LF)

DESCRIPTION:

This section includes the requirements to repair existing concrete structures including grouting cracks and joints, epoxy injection, and parging. Note: Repairs involving masonry or concrete reconstruction will be covered separately under the appropriate Line Items.

MATERIALS:

Quality Assurance and Applicable Standards:

1. Grout and Concrete Repairs must comply with:
 - a. AASHTO: T277, M235.
 - b. ASTM: C273, C293, C666, C679, C884, C920, D412, D624, D1622, D1623, D2126, D2127, D2240, D2842, D4121, E96, G3.
 - c. Federal Specification: TT-S-00227E
 - d. MSHA 902.11(c)
2. Submittals: Submit manufacturer’s specifications and recommendations for City’s approval.
3. Delivery, Storage, and Handling of the product must be in accordance with manufacturer’s recommendations.
4. City-Approved Equal or Approved Equivalent must be submitted and approved in accordance with the General Conditions of Construction Contract before use by contractor.

General Material Information:

1. Bonding Agent and Reinforcement Protection: Three-component, epoxy modified, cementitious bonding agent and anti-corrosion coating used for bonding plastic concrete to existing concrete and protecting existing reinforcement must be “Sika Armatec 110 EpoCem” as manufactured by the Sika Corporation, or equivalent as approved by the City.
2. Concrete Protective Seal: Two component, polymer-modified cement-based protective and waterproofing slurry coating used for sealing cracks in existing concrete where noted, must be “SikaTop Seal 107” as manufactured by the Sika Corporation, or equivalent as approved by the City.
3. Polyurethane Grout: Expanding, polyurethane, liquid chemical grout used for preventing water infiltration and sealing cracks in existing concrete where noted, must be “SikaFix HH” or “SikaFix HH+” as manufactured by the Sika Corporation, or equivalent as approved by the City and applicable for the project site conditions.
4. Portland Cement Mortar: Two component, polymer-modified, cementitious, non-sag mortar used for repairing spalls in existing concrete must be “Sika Top 123 Plus” as manufactured by the Sika Corporation, or equivalent as approved by the City.