



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
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December 16, 2014

ADDENDUM NUMBER ONE

RFQ # 7549204

TITLE: Office Renovations at the RI Attorney General's Office

Closing Date and Time: 1/13/15 at 2:00 PM

Per the issuance of this ADDENDUM #1 (10) pages, including this cover sheet)

Specification Change /Addition / Clarifications

Below are answers to the first two (2) questions we have received, to date, regarding this Bid.

QUESTION #1: Regarding the Division 09 (Finishes) specifications:

093033 – Stone Tiling – the specifications are missing.

ANSWER: Attached are the specifications for the Stone Tiling (8 pages).

QUESTION #2: in reviewing the documents, the specifications for this project did not include Division 00 as listed in the table of contents.



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ANSWER: Sorry for the confusion: when you log on to our website at www.purchasing.ri.gov and enter the Bid # 7549204 you will see two (2) Solicitation Documents. The first 7549204.pdf is the Solicitation document. This has the Division 00 Bid Forms three (3) sections (Invitation to bid, Bid Form and Instruction to Bidders).

The second 7549204.zip has the Project Manual and the Drawings for this project.

1 SECTION 093033 - STONE TILING

2 PART 1 - GENERAL

3 1.1 RELATED DOCUMENTS

- 4 A. Drawings and general provisions of the Contract, including General and
5 Supplementary Conditions and Division 01 Specification Sections, apply to this
6 Section.

7 1.2 SUMMARY

8 A. Section Includes:

- 9 1. Dimension stone tile and related setting materials applied to floors.

10 B. Related Sections:

- 11 1. Division 09 Section "Stone Flooring" for stone paving and flooring other than
12 dimension stone tile.

13 1.3 DEFINITIONS

- 14 A. Existing tile to be removed and reinstalled at new location.

15 1.4 MAINTENANCE MATERIAL SUBMITTALS

- 16 A. Furnish extra materials that match existing packaged with protective covering for
17 storage and identified with labels describing contents.

- 18 1. Dimension Stone Tile: Furnish any additional tile required to fulfill the new
19 location quantity of full-size units equal to 3 percent of amount installed, for each
20 type, composition, color, pattern, and size indicated.

- 21 a. Slate to match existing

- 22 2. Grout: Furnish quantity of grout equal to 3 percent of amount installed for each
23 type, composition, and color indicated. Color to match existing.

24 1.5 QUALITY ASSURANCE

- 25 A. Supplier Qualifications: A firm experienced in supplying products similar to those
26 indicated for the Project and with a record of successful in-service performance.

- 27 B. Source Limitations for Stone Tile: Obtain each stone product type through single
28 source from single producer.

STONE TILING

01 September 2014

- 1 1. For each stone product type, provide one stone variety.
 - 2 2. Where two or more stone product types are identical except for size or finish,
 - 3 provide same variety for each type.
 - 4 3. Obtain each variety of stone from same location in a single quarry with resources
 - 5 to provide materials of consistent quality in appearance and physical properties.
- 6 C. Source Limitations for Setting and Grouting Materials: Obtain ingredients of a uniform
- 7 quality for each mortar, adhesive, and grout component from single manufacturer and
- 8 each aggregate from single source or producer.
- 9 D. Source Limitations for Other Products: Obtain each of the following products specified
- 10 in this Section from a single manufacturer for each product:
- 11 E. Preinstallation Conference: Conduct conference at Project site.

12 1.6 DELIVERY, STORAGE, AND HANDLING

- 13 A. Deliver and store packaged materials in original containers with seals unbroken and
- 14 labels intact until time of use.
- 15 B. Store stone tile and cementitious materials on elevated platforms, under cover, and in
- 16 a dry location.
- 17 C. Store liquid materials in unopened containers and protected from freezing.

18 1.7 PROJECT CONDITIONS

- 19 A. Environmental Limitations: Do not install stone tile until construction in spaces is
- 20 complete and ambient temperature and humidity conditions are maintained at the
- 21 levels indicated in referenced standards and manufacturer's written instructions.

22 1.8 SEQUENCING AND SCHEDULING

- 23 A. Sequence stone tile installation with other work to minimize possibility of damage and
- 24 soiling during remainder of construction period.
- 25 B. Install stone tile and accessories only after other finishing operations, including
- 26 painting, have been completed.

27 PART 2 - PRODUCTS

28 2.1 STONE PRODUCTS

- 29 A. Slate to match existing.
- 30 B. Provide stone products that are free of defects impairing their function for use
- 31 indicated, including cracks, seams, and starts.

STONE TILING

01 September 2014

- 1 C. Pattern Orientation: For stone varieties with a directional pattern, provide tile with
2 pattern randomly oriented at various angles to sides of tiles.
- 3 D. Latex-Portland Cement: Flexible mortar consisting of cement-based mix and latex
4 additive.
- 5 1. Products: Subject to compliance with requirements, provide one of the following
6 available products that may be incorporated into the Work include, but are not
7 limited to, the following:
- 8 a. Boiardi Products, a QEP company; Elastiment 323 Cement Based
9 Waterproofing, Anti-Fracture/Crack Suppression Membrane.
- 10 b. C-Cure; UltraCure 971.
- 11 c. MAPEI Corporation; Mapelastic (PRP 315).
- 12 d. Southern Grouts & Mortars, Inc.; Southcrete 1100.
- 13 e. TEC, a subsidiary of H. B. Fuller Company; Triple Flex Waterproofing,
14 Crack Isolation Membrane & Mortar.
- 15 f. <Insert manufacturer's name; product name or designation>.
- 16 E. Dry-Set Portland Cement Mortar (Thin Set): ANSI A118.1.
- 17 1. Manufacturers: Subject to compliance with requirements, [provide products by
18 one of the following] [available manufacturers offering products that may be
19 incorporated into the Work include, but are not limited to, the following]:
- 20 2. Basis-of-Design Product: Subject to compliance with requirements, provide
21 [product indicated on Drawings] <Insert manufacturer's name; product name or
22 designation> or comparable product by one of the following:
- 23 a. Boiardi Products; a QEP company.
- 24 b. Bonsal American; an Oldcastle company.
- 25 c. Bostik, Inc.
- 26 d. C-Cure.
- 27 e. Custom Building Products.
- 28 f. Jamo Inc.
- 29 g. Laticrete International, Inc.
- 30 h. MAPEI Corporation.
- 31 i. Southern Grouts & Mortars, Inc.
- 32 j. Summitville Tiles, Inc.
- 33 k. TEC; a subsidiary of H. B. Fuller Company.

34 2.2 GROUT MATERIALS

- 35 A. Water-Cleanable Epoxy Grout: ANSI A118.3[, with a VOC content of 65 g/L or less
36 when calculated according to 40 CFR 59, Subpart D.
- 37 1. Manufacturers: Subject to compliance with requirements, [provide products by
38 one of the following] [available manufacturers offering products that may be
39 incorporated into the Work include, but are not limited to, the following]:
- 40 2. Basis-of-Design Product: Subject to compliance with requirements, provide
41 comparable product by one of the following:

01 September 2014

- 1 a. Atlas Minerals & Chemicals, Inc.
- 2 b. Boiardi Products; a QEP company.
- 3 c. Bonsal American; an Oldcastle company.
- 4 d. Bostik, Inc.
- 5 e. C-Cure.
- 6 f. Custom Building Products.
- 7 g. Jamo Inc.
- 8 h. Laticrete International, Inc.
- 9 i. MAPEI Corporation.
- 10 j. Mer-Kote Products, Inc.
- 11 k. Southern Grouts & Mortars, Inc.
- 12 l. Summitville Tiles, Inc.
- 13 m. TEC; a subsidiary of H. B. Fuller Company.

14 2.3 MISCELLANEOUS MATERIALS

- 15 A. Trowelable Patching Compounds: Latex-modified, portland cement-based formulation
16 provided or approved by manufacturer of tile-setting materials for installations
17 indicated.
- 18 B. Protective Coating: Liquid grout-release coating that is formulated to protect exposed
19 surfaces of stone tile against adherence of mortar and grout; compatible with stone,
20 mortar, and grout products; easily removable after grouting is completed without
21 damaging grout or stone tile; and recommended for use as temporary protective
22 coating for stone tile.
 - 23 1. Floor sealer complying with "Floor Sealer" Paragraph below may be used
24 provided it is recommended by manufacturer for use as a grout release.
- 25 C. Cleaner: A neutral cleaner capable of removing soil and residue without harming stone
26 tile and grout surfaces, specifically approved for materials and installations indicated by
27 stone tile producers and grout manufacturers.
- 28 D. Floor Sealer: Colorless, stain- and slip-resistant sealer, not affecting color or physical
29 properties of stone surfaces as recommended by stone tile producers for application
30 indicated.
 - 31 1. Manufacturers: Subject to compliance with requirements, [provide products by
32 one of the following] [available manufacturers offering products that may be
33 incorporated into the Work include, but are not limited to, the following]:
 - 34 a. Bostik, Inc.
 - 35 b. Custom Building Products.
 - 36 c. Hillyard, Inc.
 - 37 d. HMK Stone Care System.
 - 38 e. Summitville Tiles, Inc.
 - 39 f. <Insert manufacturer's name>.

01 September 2014

1 2.4 MIXING MORTARS AND GROUT

- 2 A. Mix mortars and grouts to comply with referenced standards and with mortar and grout
3 manufacturers' written instructions.
- 4 B. Add materials, water, and additives in accurate proportions.
- 5 C. Use type of mixing equipment, mixer speeds, mixing containers, mixing time, and other
6 procedures to produce mortars and grouts of uniform quality with optimum
7 performance characteristics for installations indicated.

8 PART 3 - EXECUTION

9 3.1 EXAMINATION

- 10 A. Examine substrates, areas, and conditions where stone tile will be installed, with
11 Installer present, for compliance with requirements for installation tolerances and other
12 conditions affecting performance of installed stone tile.
- 13 1. Verify that substrates for setting stone tile are firm, dry, clean, and free of
14 coatings that are incompatible with tile-setting materials including curing
15 compounds and other substances that contain soap, wax, oil, or silicone, and
16 that they comply with flatness tolerances required by ANSI A108.01 for
17 installations indicated.
- 18 2. Verify that concrete substrates for stone tile floors installed with thin-set mortar
19 comply with surface finish requirements in ANSI A108.01 for installations
20 indicated.
- 21 a. Verify that surfaces that received a steel trowel finish have been
22 mechanically scarified.
- 23 b. Verify that protrusions, bumps, and ridges have been removed by sanding
24 or grinding.
- 25 3. Verify that installation of grounds, anchors, recessed frames, electrical and
26 mechanical units of work, and similar items located in or behind stone tile has
27 been completed.
- 28 4. Verify that joints and cracks in stone tile substrates are coordinated with stone
29 tile joint locations; if not coordinated, adjust joint locations in consultation with
30 Architect.
- 31 B. Proceed with installation only after unsatisfactory conditions have been corrected.

32 3.2 PREPARATION

- 33 A. Fill cracks, holes, and depressions in concrete substrates for stone tile floors installed
34 with with trowelable patching compound specifically recommended by tile-setting
35 material manufacturer.

01 September 2014

- 1 B. Where indicated, prepare substrates to receive waterproofing by applying a reinforced
2 mortar bed that complies with ANSI A108.1A and is sloped 1/4 inch per foot (1:50)
3 toward drains.
- 4 C. Lay out stone tiles on substrates or on an adjacent surface to establish placement of
5 individual stone tiles for balance of color and pattern variations.
- 6 1. Notify Architect seven days in advance of dates and times when layout will be
7 done.
- 8 2. Architect may relocate specific stone tiles with other stone tiles of same type and
9 will determine final location of each stone tile within indicated patterns.
- 10 3. Identify each stone tile with a temporary number marked on face of stone tile that
11 corresponds with an identical number marked on a layout drawing, and obtain
12 Architect's approval before starting stone tile installation.
- 13 D. Field-Applied Temporary Protective Coating: If indicated under stone tile type or
14 needed to prevent grout from staining or adhering to exposed stone tile surfaces,
15 precoat them with continuous film of temporary protective coating, taking care not to
16 coat unexposed stone tile surfaces.

17 3.3 STONE TILE INSTALLATION

- 18 A. Comply with TCA's "Handbook for Ceramic Tile Installation" for TCA installation
19 methods specified in stone tile installation schedules. Comply with parts of the
20 ANSI A108 Series "Specifications for Installation of Ceramic Tile" that are referenced in
21 TCA installation methods specified in stone tile installation schedules, and apply to
22 types of setting and grouting materials used.
- 23 1. For the following installations, follow procedures in the ANSI A108 Series of tile
24 installation standards for providing 95 percent mortar coverage:
25 a. Stone tile floors composed of stone tiles 8 by 8 inches (200 by 200 mm) or
26 larger.
- 27 B. Wipe backs of stone tiles with a damp cloth to remove dirt and dust before units are
28 installed.
- 29 C. Extend stone tile work into recesses and under or behind equipment and fixtures to
30 form complete covering without interruptions unless otherwise indicated. Terminate
31 work neatly at obstructions, edges, and corners without disrupting pattern or joint
32 alignments.
- 33 D. Accurately form intersections and returns. Perform cutting and drilling of stone tile
34 without marring visible surfaces. Carefully grind cut edges of stone tile abutting trim,
35 finish, or built-in items for straight aligned joints. Fit stone tile closely to electrical
36 outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap
37 stone tile.
- 38 E. Finish cut stone tile edges that will not be concealed by other construction by grinding
39 and honing cut surfaces to match factory-fabricated edges.

01 September 2014

- 1 F. Jointing Pattern: Lay stone tile in grid pattern unless otherwise indicated. Lay out
2 stone tile work and center stone tile fields in both directions in each space or on each
3 wall area. Lay out stone tile work to minimize the use of pieces that are less than half
4 of a tile. Provide uniform joint widths unless otherwise indicated.
- 5 G. Match stone tiles within each space by selecting tiles to achieve uniformity of color and
6 pattern. Reject or relocate stone tiles that do not match color and pattern of adjacent
7 tiles.
- 8 H. Mix stone tiles to achieve a uniformly random distribution of color shadings and
9 patterns.
- 10 I. Pattern Orientation: For stone varieties with directional pattern, orient pattern as
11 directed by Architect.
- 12 J. Variation in Level: For horizontal joints and other conspicuous lines, do not exceed 1/8
13 inch in 10 feet (3 mm in 3 m), or 1/2 inch (12 mm) maximum.
- 14 K. Variation in Surface Plane of Flooring: Do not exceed 1/8 inch in 10 feet (3 mm in 3 m)
15 from level or slope indicated when tested with a 10-foot (3-m) straightedge.
- 16 L. Variation in Plane between Adjacent Units (Lipping): Do not exceed the following
17 differences between faces of adjacent units as measured from a straightedge parallel
18 to stone tiled surface:
19 1. Units with Natural-Cleft Faces: Depth of natural-cleft finish or 3/16 inch (5 mm),
20 whichever is less.
- 21 M. Variation in Joint Width: Do not vary joint thickness more than 1/16 inch (1.6 mm) or
22 one-fourth of nominal joint width, whichever is less.
- 23 N. Hand-Tight Joints: Do not exceed 1/64 inch (0.4 mm).
- 24 3.4 ADJUSTING AND CLEANING
- 25 A. Remove and replace material that is stained or otherwise damaged or that does not
26 match adjoining stone tile. Provide new matching units, installed as specified and in a
27 manner to eliminate evidence of replacement.
- 28 B. Cleaning: On completion of placement and grouting, clean stone tile surfaces so they
29 are free of foreign matter.
- 30 1. Remove epoxy grout residue from stone tile as soon as possible.
31 2. Clean grout smears and haze from stone tile according to stone tile and grout
32 manufacturer's written instructions but no sooner than 10 days after installation.
33 Use only cleaners recommended by stone tile and grout manufacturers and only
34 after determining that cleaners are safe to use by testing on samples of stone tile
35 and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures
36 from effects of cleaning. Flush surfaces with clean water before and after
37 cleaning.

01 September 2014

- 1 3. Remove temporary protective coating by method recommended by coating
2 manufacturer and acceptable to stone tile and grout manufacturer. Trap and
3 remove coating to prevent drain clogging. Do not remove floor sealer if used as
4 protective coating.
- 5 C. Apply sealer to cleaned stone tile flooring according to sealer manufacturer's written
6 instructions.
- 7 3.5 PROTECTION
- 8 A. Protect installed stone tile floors with kraft paper or other heavy covering during
9 construction period to prevent staining, damage, and wear. If recommended by stone
10 tile manufacturer, apply coat of neutral protective cleaner to completed stone tile walls
11 and floors.
- 12 B. Prohibit foot and wheel traffic from stone tiled floors for at least seven days after
13 grouting is completed.
- 14 C. Before final inspection, remove protective coverings and rinse neutral protective
15 cleaner from stone tile surfaces.
- 16 3.6 INTERIOR STONE TILE INSTALLATION SCHEDULE
- 17 A. Interior Floor Installations, Concrete Subfloor:
- 18 1. Stone Tile Installation F113: Thin-set mortar; TCA F113.
- 19 a. Stone Tile Type: Slate to match existing.
- 20 b. Thin-Set Mortar: Dry-set portland cement mortar.
- 21 c. Grout: Water-cleanable epoxy grout.
- 22 END OF SECTION 093033
- 23