



**ADDENDUM NO. 3
TO
DELRAY BEACH COMMUNITY REDEVELOPMENT AGENCY
REQUEST FOR BID CRA OFFICE EXPANSION PROJECT
CRA PROJECT NO.: CRA 2018-01**

MARCH 8, 2018

TO ALL PROPOSERS AND INTERESTED PARTIES

The Delray Beach Community Redevelopment Agency ("CRA") has heretofore published a Request for Bids (RFB) dated February 7, 2018. The project consists of interior and exterior renovations and a 1,400 square foot one story addition to the historically contributing building located at 20 N. Swinton Avenue, Delray Beach FL 33444. The general scope of work for the structure includes, but is not limited to, the demolition of existing interior upgrades, new concrete masonry addition with fiber cement lap siding, trim, fascia, molding and accessories on a raised slab on fill to align with the adjacent existing spaces, engineered wood trusses with shingle roofing to match existing, and interior buildout to include new mechanical, electrical, and plumbing for the addition. The contractor shall comply with all applicable codes and regulations of authorities having jurisdiction.

The intent of this Addendum is to address errors and/or clarify other aspects of the RFB. Proposers submitting proposals for the above-referenced Request for Bids shall take note of the following changes, additions, deletions clarifications, etc., to the Request for Bids which shall become a part of and have precedence over anything shown or described otherwise.

CHANGES TO RFB:

Submission Requirements for Bids/Proposals: The bidder must provide their bids/proposals in the following formats-one (1) original hard copy, two (2) copies of the original, and one (1) electronic version of the proposal on a compact disc (CD) or a Universal Serial Bus (USB) drive in a usable PDF format. **Bid/Proposals will be accepted** by the Delray Beach Community Redevelopment Agency located on 20 North Swinton Avenue, Delray Beach, FL 33444, until ~~March 16, 2018 at 3:00 P.M~~ **March 23, 2018 at 3:00 P.M.**, at which time Bids/Proposals will be publicly opened at the Delray Beach Community Redevelopment Agency at 20 North Swinton Avenue, Delray Beach, FL 33444. Any bid received after time and date specified will not be considered. All questions are required to be submitted in writing via e-mail to matthewsk@mydelraybeach.com or fax no. 561-276-8558 no later than ~~March 7, 2018 at 5:00 P.M.~~ **March 14, 2018 at 5:00 P.M.**, and will be answered in the form of addenda only.

A **VOLUNTARY Third Site Inspection** has been scheduled for **Monday, March 12, 2018 at 11:00 A.M. to 12:00 P.M.** at the CRA Office, located at 20 N. Swinton Avenue, Delray Beach FL 33444.

ACTIVITY	DATE	*REVISED*
	Addendum No. 1	DATE Addendum No. 3
Issue Bid	2/7/2018	2/7/2018
Mandatory Pre-Bid conference	2/28/2018 at 10:00 A.M.	2/28/2018 at 10:00 A.M.
Deadline for Delivery of Written Questions	3/7/2018 at 5:00 P.M.	3/14/2018 at 5:00 P.M.
Deadline for Delivery of Bids	3/16/2018 at 3:00 P.M.	3/23/2018 at 3:00 P.M.
CRA Board Approval and Award of Contract	TBD	TBD

Delete:

~~26. Local Preference:~~

~~26.1 In accordance with the City of Delray Beach Code of Ordinances Sec. 36.14, the CRA shall give preference to a Local Business if the Local Business' bid is determined to be within five percent (5%) or five thousand dollars (\$5,000.00), whichever is less, of the lowest responsible and responsive Bidder.~~

QUESTIONS AND ANSWERS:

- Q: At the meeting you said we will have a SUBCONTRACTOR walk through. When is this scheduled?

A: Due to a technical error the date of the subcontractor site review was not uploaded to the BidSync website. Refer to the Revised Schedule above for the revised dates.

- Q: Schedule of BID PRICES, Questions and Clarifications.
 Item 12, Please Clarify
 Item 13, Please Clarify
 Item 15, and 16. From 102'-6" Up and Down ?
 Item 22, Does the "/" mean Combined ?
 Item 41, Please Clarify
 Item 80, Please Clarify
 Item 81, Is this a repeat?

A: Item 12, this item refers to reinforced masonry grout. It is grouted in concrete block when the structural engineer requires the concrete block to be grouted solid.

A: Item 13, this item refers to reinforce steel, sometimes called rebar, used to reinforce concrete footings, concrete foundation walls and concrete block.

A: Item 15, and 16. Items 15 and 16 refer to concrete masonry block, nominal size is 8"x8"x16". Item 15 refers to the concrete block to be installed in the exterior walls of the new addition, this block is installed above the finish floor and item 16 refers to the concrete block installed in the foundation wall, this is installed below the finish floor.

A: Item 22, Item 22 notes Composite Deck/Ramp. Composite deck is to be installed on both the deck and the ramp. The intention of the "/" symbol was to allow bidders to combine that lump sum.

A: Item 41, Gypsum board inside furred CMU refers to the gypsum wall board installed on the inside face of the exterior wall.

A: Item 80, 3'x3' Rock Trench of 12" Perf. refers to the trench that the storm water drains into. Refer to Civil for more information

A: Item 81, This item has been deleted from the Schedule of Bid Prices. Refer to Attachment 1, document for the revised Schedule of Bid Prices

3. Q: There is not a separate item number for excavation. Carry this Number where?

A: Excavation has been added to the Schedule of Bid Prices. Refer to Attachment 1, document for the revised Schedule of Bid Prices, Item 71 Excavation to be included with the bid.

4. Q: What brand and color is required for the solid surface countertop?

A: The countertop and backsplash are to be a single color. A full range of standard colors are to be provided in the shop drawings. A specification for Solid Surface Fabrications has been added to the Bid Document. Refer to Attachment 2, for the Specification 06 16 61 Solid Surface Fabrications.

5. Q: Are we bidding on a new underground back flow preventer?

A: No.

6. Q: On the existing deck does all need to be demolished & replaced?

A: Yes, the deck is rotted and requires replacement.

7. Q: On sheet D101 a part of the deck is shown north of the property line, does the get replaced?

A: Yes.

8. Q: Can my fire sprinkler company do a site visit as it's important to see existing services to provide a complete bid?

A: Yes, it is recommended that they come to the Third Site Inspection. See above for time and date.

9. Q: Cabinets seem to indicate a Eurocraft cabinet on particle board? What type drawer box and guide? What about door style?

A: Refer to Specification Section 06 04 00 Architectural Woodwork for the answers to the questions above.

10. Q: Is there an appliances schedule that we cannot find?

A: Refer to sheet A-701, the First Floor FFE Plan for a layout of furniture, fixtures and equipment and an Equipment Schedule.

11. Q: Countertop specifies solid surface, however a brand or color wasn't mentioned. Each manufacturer charges differently for their material, therefore we need a specific brand. Getting a color choice would also be helpful.

A: Refer to Answer to Question 4, this document for the answer to this question.

Remaining questions will be addressed in Addendum No. 4.

FIGURES:

None

ATTACHMENTS:

Attachment 1, Revised Schedule of Bid Prices

Attachment 2, Specification Section 06 6116, Solid Surface Fabrications

END OF ADDENDUM No. 3

SCHEDULE OF BID PRICES

4 The Contractor understands and agrees that the grand total price is lump sum to furnish and install **all of the Work complete in place**. The schedule of items and quantities of the principal elements provided within the Schedule of Bid Prices are for establishing Unit Costs. The Contractor is solely responsible for determining the quantities and understanding that any items not included shall be considered incidental and are to be included within the Total Bid Amount (Lump Sum). Restoration of all disturbed areas due to the work must be included proposal amount. It is expected that the proposer will visit and fully examine the site to determine the existing conditions before submitting their proposal.

The Schedule of Bid Prices shall be used as a basis for reviewing the Contractor's Application for Payment

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED TOTAL QUANTITY	UNIT PRICE	TOTAL AMOUNT
1	Division 1 - General Conditions				
2	General Conditions (Include but not limited to: Project Administration, Temp Facilities & Controls, Temp Jobsite Protection, Mobilization, Demobilization, Maintenance of Traffic, Layout & Survey, Testing, Bonding, Insurance Coverages, etc.)	ls	1		
3	Division 2 - Selective Demolition Existing Construction				
4	GWB & Wood Framing	ls	1		
5	Wood Siding	ls	1		
6	Wood Doors & Frames	ls	1		
7	Windows	ls	1		
8	Wood Deck(s) & Ramp	ls	1		
9	Division 3 - Concrete				
10	Concrete - Footings (Building & Deck)	ls	1		
11	Slab on grade w/mesh	ls	1		
12	Reinf. Masonry grout	ls	1		
13	Reinf. Steel	ls	1		
14	Division 4 - Masonry				
15	Unit Masonry 8x8x16 block (Bldg.)	ls	1		
16	Unit Masonry 8x8x16 block (Foundation Wall)	ls	1		
17	Division 5 - Metals				
18	Cold Formed Metal Framing	ls	1		
19	Aluminum Rail/handrail	ls	1		
20	Division 6 - Wood and Plastics				
21	Misc. Blocking	ls	1		
22	Composite Deck/Ramp	ls	1		
23	Wood Roof Deck	ls	1		
25	Wood Roof Trusses	ls	1		
25	P.T. Rafter Tail (Match Existing)	ls	1		
26	Division 7 - Thermal & Moisture Protection				
27	Foundation Insulation	ls	1		
28	Roof /Ceiling Insulation	ls	1		
29	Wall Insulation	ls	1		
30	Roof Accessories	ls	1		
31	Joint Sealants	ls	1		
32	Asphalt Shingles	ls	1		
33	Gutters & Down Spouts	ls	1		
34	Division 8 - Doors & Windows				
35	Exterior Doors & Trim w/ Hdw.	ls	1		
36	Int WD Doors & Trim w/ Hdw.	ls	1		
37	Alum. Clad Windows & Trim w/ Hdw.	ls	1		
38	Division 9 - Finishes				
39	Gypsum Wall Board Int. Partitions	ls	1		
40	Gypsum Wall Board Ceilings	ls	1		
41	Gypsum board inside furred CMU	ls	1		
42	L Vinyl Flooring/Floor Preparation	ls	1		
43	Wood Base	ls	1		
44	Interior Paint Walls/ Ceiling/ Mouldings/ Trim/ etc.)	ls	1		
45	Exterior Paint (Existing Building & Addition)	ls	1		
46	Fiber Concrete Siding & Trim	ls	1		
47	Exterior Stucco	ls	1		
48	Division 10 - Specialties				
49	Fire Extinguishers	ls	1		
50	Decorative Aluminum Shutters w/accessories (Replace all existing decorative wood shutters)	ls	1		

51	Division 12 - Furnishings				
52	Casework	ls	1		
53	Division 21 Fire Suppression				
54	FP Sprinkler System	ls	1		
55	Division 22 - Plumbing				
56	Drinking Fountains w/Stainless Steel Protection Panel & Accessories	ls	1		
57	Mop sink w/Faucet & Accessories	ls	1		
58	Kitchen sink w/Faucet & Accessories	ls	1		
59	Water piping	ls	1		
60	Sanitary piping	ls	1		
61	Division 23 - Mechanical				
62	Air Conditioning System w/Duct Work	ls	1		
63	Division 26 - Electrical / Data				
64	Electrical (Site & Building)	ls	1		
65	Technology (Phone & Data)	ls	1		
66	Fire Alarm Modifications	ls	1		
67	Division 31 - Earthwork				
68	Selective Clearing and Grubbing (Removal of Existing Concrete Sidewalk & Other Exist. Elements) in Coordination with Proposed Improvements	ls	1		
69	Grading				
70	Clean Fill & Grading	ls	1		
71	Excavation	ls	1		
72	Erosion and Sediment Control(s)	ls	1		
73	Division 32 - Landscape Development				
74	Concrete walkways	ls	1		
75	Shrubs	ls	1		
76	Trees	ls	1		
77	Division - 33 Site Utilities				
78	Catch basins	ls	1		
79	10" HDPE pipe	ls	1		
80	12" HDPE pipe	ls	1		
81	3'x3' Rock Trench for 12" Perf.	ls	1		
82	Contingency Allowance	ls	1		\$35,000.00
83	Indemnification	ls	1		\$10.00
	TOTAL BID AMOUNT				\$

SECTION 06 61 16
SOLID SURFACING FABRICATIONS

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes: Provide solid surfacing fabrications including but not limited to following:
1. Millwork counter tops with sinks and cove backsplashes.
- B. Related Sections: Following description of work is included for reference only and shall not be presumed complete:
1. Provision of finish carpentry and architectural woodwork: Section 06 40 00, Architectural Woodwork.
 2. Provision of plumbing and plumbing fixtures: [Division 22, Plumbing] [Mechanical].

1.02 REFERENCES

A. Abbreviations and Acronyms:

1. MDF: Medium Density Fiberboard.
2. SCAQMD: South Coast Air Quality Management District; www.aqmd.gov.
3. VOC: Volatile Organic Compound.

B. Definitions:

1. Solid Surface: Non-porous, homogeneous material maintaining the same composition throughout the part with a composition of acrylic polymer, aluminum trihydrate filler and pigment.

C. Reference Standards:

1. ANSI/NPA A208.2-09 - Medium Density Fiberboard (MDF) For Interior Applications
2. ASTM C920-14a - Standard Specification for Elastomeric Joint Sealants
3. ASTM D638-10 - Standard Test Method for Tensile Properties of Plastics
4. ASTM D785-08 - Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials
5. ASTM D790-10 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
6. ASTM D5420-10 - Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by Means of a Striker Impacted by a Falling Weight (Gardner Impact)
7. ASTM E84-14 - Standard Test Method for Surface Burning Characteristics of Building Materials
8. ASTM E228-11 - Standard Test Method for Linear Thermal Expansion of Solid Materials with a Push-Rod Dilatometer
9. ASTM G21-13 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

10. ASTM G22-76(96) - Standard Practice for Determining Resistance of Plastics to Bacteria
11. ASTM G155-13 - Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
12. CSA B45.5-11/
IAPMO Z124-2011 - Plastic Plumbing Fixtures
13. NFPA 255-06 - Standard Method of Test of Surface Burning Characteristics of Building Materials
14. NSF/ANSI 51-07 - Food Equipment Materials
15. SCAQMD Rule 1168 - Adhesive and Sealant Applications (amended January 2005)
16. UL 723 - Standard for Test for Surface Burning Characteristics of Building Materials
17. UL Environment/
GREENGUARD
UL 2818 - Standard for Chemical Emissions for Building Materials,
-Finishes and Furnishings, Section 7.1
18. UL Environment/
GREENGUARD
UL 2818 - Gold Standard for Chemical Emissions for Building Materials,
- Finishes and Furnishings, Section 7.1 and 7.2
19. UL 2824 - GREENGUARD Certification Program, Method for Measuring Microbial Resistance from Various Sources Using Static Environmental Chambers

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meetings: Arrange preinstallation meeting 1 week prior to commencing work with all parties associated with trade as designated in Contract Documents or as requested by Architect. Presided over by Contractor, include Architect who may attend, Subcontractor performing work of this trade, Owner's representative, testing company's representative and consultants of applicable discipline. Review Contract Documents for work included under this trade and determine complete understanding of requirements and responsibilities relative to work included, storage and handling of materials, materials to be used, installation of materials, sequence and quality control, Project staffing, restrictions on areas of work and other matters affecting construction, to permit compliance with intent of work of this Section.

1.04 SUBMITTALS

- A. Product Data: Indicate Product description including solid surface sheets, sinks, bowls and illustrating full range of standard colors, fabrication information and compliance with specified performance requirements. Submit Product data with resistance to list of chemicals.
- B. Shop Drawings: Submit Shop Drawings for work of this Section in accordance with Section 01 30 00. Indicate plans, sections, dimensions, component sizes, edge details, thermosetting requirements, fabrication details, attachment provisions, sizes of furring, blocking, including concealed blocking and coordination requirements with adjacent work. Show locations and sizes of cutouts and holes for plumbing fixtures, faucets, soap dispensers, waste receptacles and other items installed in solid surface.
- C. Coordination Drawings: Submit coordination drawings indicating plumbing and miscellaneous steel work indicating locations of wall rated or non-rated, blocking requirements, locations and recessed wall items and similar items.
- D. Samples: Submit samples in accordance with Section 01 30 00. Submit minimum 6" x 6" samples. Cut sample and seam together for representation of inconspicuous seam. Indicate full range of color and pattern variation. Approved samples will be retained as standards for work.
- E. Test and Evaluation Reports: Submit flammability test reports [and food preparation zone certifications/listing confirming compliance with NSF/ANSI 51. Refer to www.nsf.org for the latest compliance to NSF/ANSI 51 for Food Zone — all food types.]

1.05 CLOSEOUT SUBMITTALS

- A. Operational and Maintenance Data:
 - 1. Submit manufacturer's care and maintenance data, including repair and cleaning instructions. Include in Project closeout documents.
 - 2. Provide a commercial care and maintenance kit and video. Review maintenance procedures and warranty details with Owner upon completion.

1.06 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Installers: Provide work of this Section executed by competent installers with minimum 5 years experience in the application of Products, systems and assemblies specified and with approval and training of the Product manufacturers.
- B. Mock-Ups:

1. Prior to final approval of Shop Drawings, erect 1 full size mock-up of each component at Project site demonstrating quality of materials and execution for Architect review.
2. Should mock-up not be approved, rework or remake until approval is secured. Remove rejected units from Project site.
3. Approved mock-up will be used as standard for acceptance of subsequent work.
4. Approved mock-ups may remain as part of finished work.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver no components to Project site until areas are ready for installation.
- B. Storage and Handling Requirements:
1. Store components indoors prior to installation.
 2. Handle materials to prevent damage to finished surfaces.

1.08 WARRANTY

- A. Manufacturer Warranty: Provide manufacturer's standard warranty for material only for period of 10 years against defects and/or deficiencies in accordance with General Conditions of the Contract. Promptly correct any defects or deficiencies which become apparent within warranty period, to satisfaction of Architect and at no expense to Owner.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturer List: Products of following manufacturers are acceptable subject to conformance to requirements of Drawings, Schedules and Specifications:
1. Corian® by DuPont; www.corian.com
 2. Samsung Chemical USA; www.staron.com
 3. Wilsonart Contract; www.wilsonartcontract.com
- B. Substitution Limitations: Comparable Products from manufacturers listed herein will be accepted provided they meet requirements of this Specification.

2.02 MATERIALS

- A. Description:
- B. Performance/Design Criteria:

	Property	Requirement (min or max)	Test Procedure
1.	Solid Surface Based Products:		
a.	Tensile Strength	6000 psi min	ASTM D638
b.	Tensile Modulus	1.5 x 10 ⁶ psi min	ASTM D638
c.	Tensile Elongation	0.4% min.	ASTM D638
d.	Flexural Strength	10000 psi min	ASTM D790

e.	Flexural Modulus	1.2 x 10 ⁶ psi min	ASTM D790
f.	Hardness	>85-Rockwell "M" scale min.	ASTM D785
g.	Thermal Expansion	2.2 x 10 ⁻⁵ in./in./°F	ASTM E228
h.	Fungi and Bacteria & G22	Does not support microbial growth	ASTM G21
i.	Microbial Resistance	Highly resistant to mold growth	UL 2824
j.	Ball Impact	No fracture - 1/2 lb. Ball: 6 mm slab - 36" drop 12 mm slab - 144" drop	NEMA LD 3, Method 3.8
k.	Weatherability	ΔE*94<5 in 1,000 hrs	ASTM G155
l.	Flammability 255 723		ASTM E84, NFPA & UL

		All Colors		
		6 mm		12 mm
m.	Flame Spread	<25		<25
n.	Smoke Developed		<25	<25
o.	Class	A		A
		NFPA 101®, Life Safety Code		

C. Solid Surface Material:

D. Non-porous, homogeneous material maintaining the same composition throughout the part with a composition of acrylic polymer, aluminum trihydrate filler and pigment; not coated, laminated or of composite construction; meeting following criteria:

E. Flammability: Class 1 and A when tested to UL 723.

F. Food Equipment Material Compliance: Food Zone to NSF/ANSI 51.

1. Ensure material has minimum physical and performance properties specified under "Performance/Design Criteria".
2. Ensure superficial damage to a depth of 0.010" is repairable by sanding and polishing.

G. Adhesive for Bonding to Other Products: One component silicone to ASTM C920.

H. Sealant: A standard mildew-resistant, FDA/UL® [and NSF/ANSI 51 compliant in Food Zone area,] recognized silicone color matched sealant or clear silicone sealants.

I. Sink/Bowl Mounting Hardware: Manufacturer's approved bowl clips, brass inserts and fasteners for attachment of undermount sinks/bowls.

J. Heat Reflecting Tape: Manufacturer's standard aluminum foil tape, with required thickness, for use with cutouts near heat sources.

K. Insulating Nomex® Fabric: Manufacturer's standard for use with conductive tape in insulating solid surface material from adjacent heat source.

2.03 COMPONENTS

- A. Counter Perimeter Frame: Ensure 1/2" [3/4"] thick, moisture resistant [cores for counter tops in wet areas having sinks or lavatories are 3/4" thick exterior grade plywood with waterproof adhesive, Fir or Poplar plywood, veneer core only.] [MDF core conforming to ANSI/NPA A208.2 balanced design, manufactured from recycled materials, meeting ANSI Standards for emissions, of minimum density of 48 lb/cu ft and surface character to match sample approved by Architect. Ensure fire retardant Product contains fire-retardant chemicals injected with raw materials during manufacturing and achieves a maximum flame-spread rating of 25 with a maximum smoke development of 200 when tested to ASTM E84.]
- B. Countertops with Undermount Sinks: 3/4" thick countertop of solid polymer solid surfacing material, cast to desired profiles and sizes having edge details as indicated on Drawings conforming to CSA B45.5/IAPMO Z124, complete with double undermount bowl. Provide countertops complete with backsplashes of size shown on Drawings. Use undermount hardware according to manufacturer's instructions. Ensure countertop and backsplash is a single color as selected by Architect. Provide a full range of standard colors. Refer to Plumbing documents to sink type, model and finish.
- C. Fabrication:
1. Fabricate components in shop to greatest extent practical to sizes and shapes indicated, in accordance with approved Shop Drawings and solid polymer manufacturer requirements. Form joints between components using manufacturer's standard joint adhesive without conspicuous joints. Provide factory cutouts for plumbing fittings and bath accessories as indicated on Drawings.
 2. Where indicated, thermoform corners and edges or other objects to shapes and sizes indicated on Drawings, prior to seaming and joining. Cut components larger than finished dimensions and sand edges to remove nicks and scratches. Heat entire component uniformly prior to forming.
 3. Ensure no blistering, whitening and cracking of components during forming.
 4. Fabricate backsplashes from solid surfacing material with optional radius cove where counter and backsplashes meet as indicated on Drawings. Backsplashes for most colors may be fabricated by traditional means discussed in K-25294 *Backsplashes*. Colors with metallic/mica particle or veined colors creating directional aesthetics (K-26833 *Directional Aesthetics*) may require the techniques in Technical Bulletin K-28235 *Thermoformed Backsplash*.
 5. Fabricate joints between components using manufacturer's standard joint adhesive. Ensure joints are inconspicuous in appearance and without voids. Attach 50 mm (2") wide reinforcing strip of solid polymer material under each joint. Reinforcing strip of solid polymer material is not required when using DuPont™ Joint Adhesive 2.0.
 6. Provide holes and cutouts for plumbing and bath accessories as indicated on Drawings.
 7. Rout and finish component edges to a smooth, uniform finish. Rout cutouts, then sand edges smooth. Repair or reject defective or inaccurate work.
8. Finish: Ensure surfaces have uniform finish:
- a. Matte, with a 60° gloss rating of 5 - 20.
9. Fabrication Tolerances:
- a. Variation in Component Size: +/-1/8".
 - b. Location of Openings: +/-1/8" from indicated location.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verification of Conditions:

1. Examine substrates and conditions, with fabricator present for compliance with requirements for installation tolerances and other conditions affecting performance of work. Proceed with installation only after unsatisfactory conditions have been corrected.
2. Verify actual site dimensions and location of adjacent materials prior to commencing work.
3. Examine cabinets upon which counter tops are to be installed. Verify cabinets are level to within 1/8" in 10' - 0".
4. Notify Architect in writing of any conditions which would be detrimental to installation.

B. Evaluation and Assessment: Commencement of work implies acceptance of previously completed work.

3.02 INSTALLATION

- A. Install components plumb, level, rigid, scribed to adjacent finishes in accordance with reviewed Shop Drawings and Product installation details.
- B. Fabricate field joints using manufacturer's recommended adhesive, with joints being inconspicuous in finished work. Exposed joints/seams are not permitted. Keep components and hands clean when making joints. Reinforce field joints as specified herein. Cut and finish component edges with clean, sharp returns.
- C. Route radii and contours to template. Anchor securely to base component or other supports. Align adjacent components and form seams to comply with manufacturer's written recommendations using adhesive in color to match work. Carefully dress joints smooth, remove surface scratches and clean entire surface.
- D. Install countertops with no more than 1/8" sag, bow or other variation from a straight line.
- E. Adhere undermount/submount/bevel mount sinks/bowls to countertops using manufacturer's recommended adhesive and mounting hardware.
- F. Seal between wall and components with joint sealant as specified herein and in Section 07 92 00, as applicable.
- G. Provide backsplashes and endsplashes as indicated on Drawings. Adhere to countertops using a standard color-coordinated silicone sealant. Adhere applied sidesplashes to countertops using a standard color-matched silicone sealant. Provide coved backsplashes and sidesplashes at walls and adjacent millwork. Fabricate radius cove at intersection of counters with backsplashes to dimensions shown on reviewed Shop Drawings. Adhere to countertops using manufacturer's standard color-coordinated joint adhesive.

- H. Keep components and hands clean during installation. Remove adhesives, sealants and other stains. Ensure components are clean on date of Substantial Completion of the Work.
- I. Coordinate connections of plumbing fixtures with [Division 22] [Mechanical]. Make plumbing connections to sinks in accordance with [Division 22] [Mechanical].

3.03 REPAIR

- A. Repair minor imperfections and cracked seams and replace areas of severely damaged surfaces in accordance with manufacturer's "Technical Bulletins".

3.04 SITE QUALITY CONTROL

- A. Non-Conforming Work: Replace damaged work which cannot be satisfactorily repaired, restored or cleaned, to satisfaction of Architect at no cost to Owner.

3.05 CLEANING

- A. Remove excess adhesive and sealant from visible surfaces.
- B. Clean surfaces in accordance with manufacturer's "Care and Maintenance Instructions".

3.06 PROTECTION

- A. Provide protective coverings to prevent physical damage or staining following installation for duration of Project.
- B. Protect surfaces from damage until date of Substantial Completion of the Work.

END OF SECTION